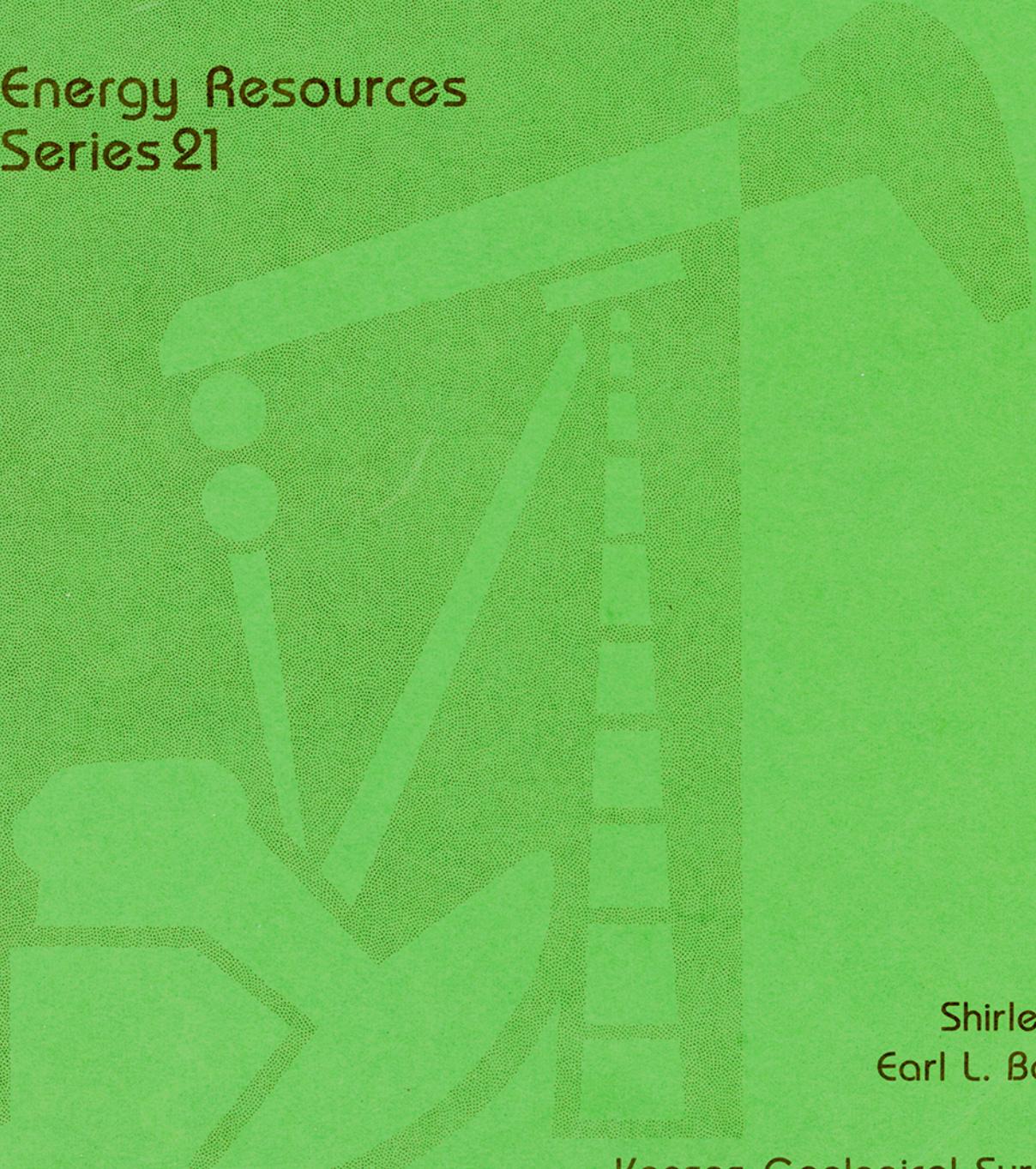


Enhanced Oil-Recovery Operations in Kansas 1981

Energy Resources
Series 21



Shirley E. Paul
Earl L. Bahnmaier

Kansas Geological Survey 1982

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**ENHANCED OIL-RECOVERY OPERATIONS IN
KANSAS 1981**

by

Shirley E. Paul and Earl L. Bahnmaier

**KANSAS GEOLOGICAL SURVEY
ENERGY RESOURCES SERIES 21**

1982

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INTRODUCTION

A goal of this report is to encourage the conservation of oil by providing a readily accessible compilation of information from secondary and tertiary oil-recovery operations in the State. Another goal is to help advance the general understanding of enhanced oil recovery (EOR) in Kansas, making it easier for new projects to be initiated and providing information that will facilitate an evaluation of the success of various EOR methods in Kansas. EOR is expected to make an increasingly important contribution to future oil production in the State.

The Kansas Geological Survey has been publishing annual reports since 1963. Prior to 1963, the data appeared with the KGS oil and gas production reports. During the early years, the U.S. Bureau of Mines published studies on specific waterflood projects in eastern and central Kansas. Waterflooding was practiced sporadically for many years in southeastern Kansas before the first project was authorized by the State of Kansas in 1935. The Interstate Oil Compact Commission has contributed much to improve conservation programs through its EOR publications.

Sections of the Kansas Corporation Commission's general rules and regulations address various procedures and technical aspects necessary for an acceptable enhanced-recovery project, from its authorization to its discontinuation. In

brief, prior to commencement of EOR activities, the operator files an application containing certain field data for approval and authorization by the KCC. Thereafter, a yearly report must be filed on the project. The Geological Survey has been authorized to distribute questionnaires to all operators and to tabulate and publish an annual report. The questionnaires are filed permanently with the KCC office in Wichita.

If all wells in a particular project cease to produce, but water continues to be injected into the reservoir, creating a salt-water disposal system, the operator is still required to turn in an annual report. Reports are also necessary for projects that are temporarily inactive. If a project is sold or transferred, KCC approval is required. In such cases, the seller is responsible for all aspects of the project such as plugging and abandonment of injection and producing wells and remedial action on any surface or subsurface pollution. The transfer of ownership must be approved by the KCC before the purchaser can legally start to operate the project. If a project is permanently discontinued, the KCC must be notified in writing and the project is then cancelled. Cancelled projects no longer appear in the annual report.

The majority of the projects in the State fall into three categories, all of which are classified as techniques of secondary recovery: controlled water-

flood, pressure maintenance, and dump flood. In a controlled waterflood, water is injected into a reservoir at a controlled rate designed to maintain a "flood front," which optimizes the sweep efficiency of the reservoir. This type of project is usually initiated after primary production is depleted or nearly depleted. Pressure maintenance of a reservoir occurs when a calculated volume of water is injected. The water replaces voidage created by production, thereby maintaining a predetermined pressure. In contrast, in a dump flood the volume of water entering the formation is not usually calculated. The water in this case is not pumped into the reservoir but allowed to flow back into the reservoir by the force of gravity.

Some enhanced oil-recovery operations include a combination of both secondary and tertiary recovery procedures. Only a few tertiary projects are known to exist in the State, some of which are temporarily inactive. One example of an active project is the El Dorado Micellar-Polymer Demonstration Project, which is a cooperative venture between the Cities Service Company and the U.S. Department of Energy. It began in June 1974 and is scheduled to be completed in November 1982. The objective of this field test is to determine the economic feasibility of improved oil recovery using two distinct micellar-polymer processes located side by side in the same depleted waterflood reservoir (the "650" ft Admire Sand in the

El Dorado Field). Success of this project and other tertiary operations such as this could result in the future recovery of large amounts of otherwise-unrecoverable oil.

It is estimated that something over 15.4 percent of the State's total oil production of 65.8 million barrels is attributable to enhanced oil-recovery. Individual operators can only estimate the amount of oil from an enhanced project area. This estimation is relatively easy when the operator initiates an EOR project in an area that has ceased producing primary oil. However, it is frequently desirable to begin enhanced-recovery techniques prior to production cessation. This complicates the determination of the portions of production attributable to primary or enhanced recovery. These projects are usually defined as "pressure maintenance" or "dump floods." Engineering calculations and production performance must be used to determine the portions of production resulting from primary or enhanced production in these instances. Many times all of the data needed for these determinations are not available.

This year a total of 2,016 questionnaires were returned by operators of projects, exceeding the 1980 count by 5.1 percent. The information on active projects is listed in Table 1. Figure 1 shows the distribution of projects by county across the State. If a project is included in more than one county, the project is

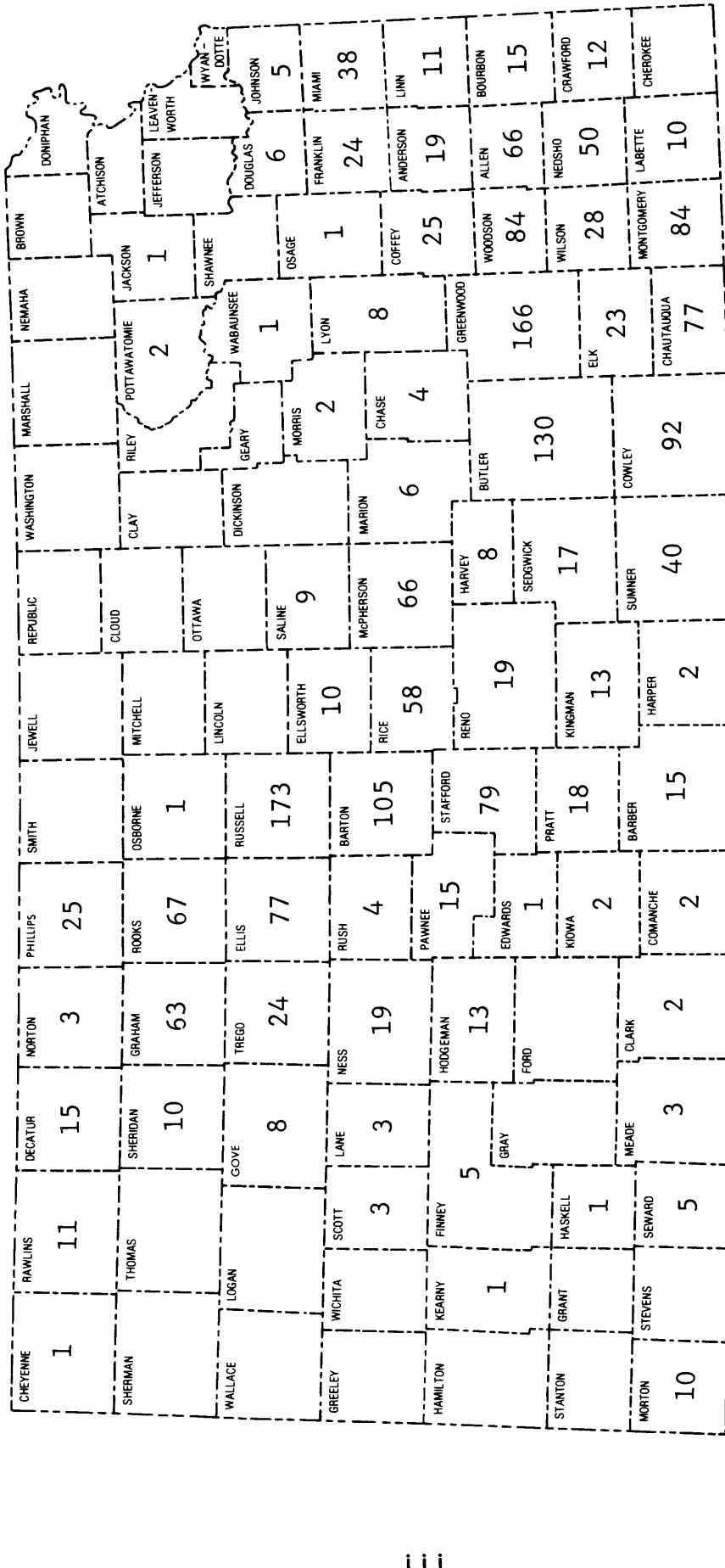


Figure 1. Map of Kansas showing counties with enhanced-recovery projects and their reported number of projects.

tallied in the county that is first alphabetically. Tables 2 and 3 list county and state totals of EOR data; Table 4 includes a list of inactive projects; Table 5 lists projects abandoned in 1980; new, yet inactive projects are listed in Table 6; and Table 7 reports projects cancelled in 1980.

TERTIARY RECOVERY RESEARCH

The continuing research activities of the Tertiary Oil Recovery Project of the University of Kansas are summarized by Dr. Don W. Green as follows:

The Tertiary Oil Recovery Project (TORP) was established at the University of Kansas in 1974. The overall objective of TORP has been to establish a base of knowledge on enhanced oil-recovery processes that are applicable in Kansas. The Project sponsored the Fourth Tertiary Oil Recovery Conference in Wichita in March 1981 and is planning a fifth conference for March 1983. The purpose of these conferences is to acquaint operators with the different processes that are being tested and used in the State.

The Project involves the academic departments of chemical and petroleum engineering, geology, and chemistry and the Kansas Geological Survey. An oil-industry advisory board also helps guide the work of the Project.

Research under way on enhanced oil-recovery may be classified as follows:

- a) Applications of polymers and gelled polymers,
- b) Applications of surfactant

- processes,
- c) Studies of the in-situ combustion process,
- d) Development of computer models.

a) Polymer is added to injected water of a flood to improve the volumetric displacement efficiency of the flood. Polyacrylamide polymers improve efficiency by increasing the apparent viscosity of the water and by lowering the effective permeability of the formation rock. This latter characteristic results from adsorption of the polymer on reservoir rock and from mechanical entrapment of the large polymer molecules by the small pores. A study was conducted of the behavior of polymers in flow through carbonate rocks such as those in the Lansing-Kansas City formation. The resistance to flow generated by several different polymers was measured for a large number of cores. The effect of reservoir heterogeneities on the polymer behavior was measured. In addition, data were taken on the long-term stability of the polymers in oil-field brines typical of those encountered in Kansas. Data of the type generated would be useful in the design of a polymer-augmented water-flood.

Another application of polymers being investigated involves their gel-forming characteristics. Polymers will form gels when they are mixed with chemical solutions containing metal ions such as

Cr(III). The gels can be used to block liquid flow in highly permeable parts of a reservoir. The result of such blockage would be to divert injected liquids into tighter regions of a reservoir, causing the recovery of additional oil. The gelation times and stabilities have been measured for several different polymers over a broad range of concentration of polymers and the other chemical reagents. Gel times have been correlated with the concentrations and with temperature. These data have direct application to the design of a Cr(III)-polymer gel treatment of a production or injection well.

Another gelation process that involves the use of polymer and aluminum has been studied through the use of displacement in laboratory cores. This work has been aimed at investigating the permeability reduction that results from the in-situ formation of a gel.

b) Research has been under way on the micellar-polymer oil-recovery process. This process is based on the injection of a detergent-type chemical into a reservoir to "wash" trapped oil out of the reservoir rock. The chemical solution used typically consists of a surfactant (petroleum sulfonate), alcohol, brine, and oil mixture and is termed a micellar solution. Solutions of high-molecular-weight polymers are injected after the micellar solution as a means of efficiently pushing the micellar solutions through the reservoir.

The work has focused on the formulation of the chemical solutions and on the phase behavior, that is, the manner and conditions under which the solutions separate into different phases at reservoir conditions of temperature and salinity. Such data are required to design systems that can efficiently remove trapped oil. Laboratory studies have also been conducted on the effectiveness of the chemical solutions in removing oil from reservoir rocks. Effective systems have been designed but they are too expensive.

c) The in-situ combustion process consists of creating a charcoal-type flame in a reservoir, using the crude oil in the reservoir as the fuel source. This process is generally applicable to heavy crude oils such as found in the eastern part of the State. An excellent laboratory facility consisting of a combustion tube plus auxiliary equipment has been developed to investigate the process. The tube was used to examine the effect of clays on the combustion process and it was determined that the existence of clay in the rock is beneficial to the process. Currently, the combustion characteristics of a number of different crudes from southeastern Kansas are being studied in the combustion apparatus. The plan is to develop a data base on these crudes that would be useful for future field projects.

d) A computer model has been prepared that will describe oil flow (in a simplified manner) in a producing oil field

that is being waterflooded. It can be used to study flood behavior and to improve waterflood efficiency. The model has been tested on data from specific Kansas reservoirs and is available for use by operators in the State. Other models in the early stages of development are for the micellar-polymer process and the carbon dioxide displacement process.

An important TORP objective is to work with and assist Kansas operators who have under way or are considering en-

hanced oil-recovery projects. TORP personnel are available to provide information on the various processes. TORP personnel have interacted with operators on field projects involving polymer injection and the use of chemical tracers to improve reservoir definition. Persons interested in enhanced oil-recovery operations in the State are encouraged to visit the laboratories in Learned Hall, University of Kansas.

EXPLANATORY ABBREVIATIONS

Type of Project

A = Air injection
 D = Dump flood
 F = Fire flood
 P = Pressure maintenance
 S = Steam flood
 W = Controlled waterflood

Type of Water Injected

F = Fresh water
 M = Mixture of fresh water and
 brine
 T = Treated brine
 U = Untreated brine

NR = Not Reported

ABBREVIATIONS FOR OIL-PRODUCING ZONES AND SOURCES OF INJECTED WATER

| | | | |
|---------------|-----------------------|--------------|-----------------------|
| ADM | = Admire | HER | = Hertha |
| ARB | = Arbuckle | HOW | = Howard |
| BARTL, BAR | = Bartlesville | HUNT, HUN | = Hunton |
| B PENN | = Basal Pennsylvanian | KC | = Kansas City |
| BURG | = Burgess | KIND, KINDER | = Kinderhook |
| CATTLE, CAT | = Cattleman | LANS, LAN | = Lansing |
| CEDH | = Cedar Hills | LCK | = Lansing-Kansas City |
| CHEN | = Cheney | LAY | = Layton |
| CHER, CHE, CH | = Cherokee | LM | = Lime |
| CHES | = Chesteran | L | = Lower |
| CHEY | = Cheyenne | LS | = Limestone |
| CONGL | = Conglomerate | MC | = McPherson |
| COT GR | = Cottage Grove | MAQ | = Maquoketa |
| CGR | = Council Grove | MARM | = Marmaton |
| DAK | = Dakota | MISE | = Misener |
| DOD | = Dodge | MISS, MIS | = Mississippian |
| DOL | = Dolomite | MORR, MOR | = Morrow |
| DOUG, DOU | = Douglas | NEOD | = Neodesha |
| EL DOR, ELD | = El Dorado | NEW ALB | = New Albany |
| ELGI | = Elgin | OGLA | = Ogallala |
| EQU | = Equus | ORE | = Oread |
| FR | = Fresh water | OSWE | = Oswego |
| GOR | = Gorham | PEN | = Pennsylvanian |
| GRAV | = Gravel | | |

| | | | |
|-----------|---------------------------------|-------------------------|------------------------------|
| PEN CONGL | = Pennsylvanian conglomerate | SQUIR, SQU, SQUI, SQ | = Squirrel |
| PERM | = Permian | ST GEN | = Ste. Genevieve |
| PLEAS | = Pleasanton | ST L | = St. Louis |
| PLATT | = Plattsmouth | STAL | = Stalnaker |
| PLI | = Pleistocene | STAPEL | = Stapelton |
| PROD | = Produced | SWO | = Swope |
| QRTZ | = Quartz | SWS | = Unnamed salt-water sand |
| QUAT | = Quaternary | TRK | = Tarkio |
| RECY | = Recycled | TER | = Tertiary |
| REG | = Reagan | TOP | = Topeka |
| SD | = Sand | TUCK, TUC | = Tucker |
| SH | = Shallow fresh water | U | = Upper |
| SH GRAV | = Unnamed shallow gravel bed | VIO | = Viola |
| SH LM | = Shallow lime | WAT | = Water |
| SH SD | = Unnamed shallow sand | WAY | = Wayside |
| SHAW | = Shawnee | WHT CLD | = White Cloud |
| SIMP, SIM | = Simpson | WTR | = Water, source unknown |
| SNYDER | = Snyderville | | |

These explanatory abbreviations were omitted from the list:

C = Surfactant Chemical Flood
 E = Polymer Enhanced Waterflood
 N = N₂ Injection

Column headings should read 1981
 instead of 1982.

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The Kansas Corporation Commission, Conservation Division, was most helpful in identifying projects and operators. Lu Vonfeldt devoted much of her time to coordinating the information flow, which is greatly appreciated.

TABLE 1
1981 ENHANCED OIL-RECOVERY PROJECTS

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- | |
|---|------------------------|-------------------------|-------------------|--|--|
| ALLEN COUNTY | | | | | |
| BRONSON-XENIA FIELD | | | | | |
| INEXCO OIL 21,28-25S21E | C-18622 | ANDERSON & HUTTON & STO | W | BARTL 700 10 30.0 | |
| INEXCO OIL 7,18-25S21E | C-13452 | ROOTH-THOMPSON | | BARTL 800 18 20.0 | |
| MACK C. COLT 33-24S21E 4,8,5-25S21E | C-9440 | C-W | W | BARTL 800 20 25.0 | |
| MACK C. COLT 22,27,28,33,34-24S21E | C-3091 | KBC-KBN | W | BARTL 750 20 30.0 | |
| CARLYLE FIELD | | | | | |
| CARMEL ENERGY 9-24S18E | CPM1781 | RIGGS WEST | P | BARTL 950 40 19 | |
| NCRTH SLOPE PROPERTI 31-23S19E | CR-1803 | MCINTRE | | BARTL NR NR NR | |
| CARLYLE NCRTN FIELD | | | | | |
| JAMES E. RUSSELL 31-23S19E | CR-7797 | EASTWOOD | W | BARTL 928 10 29.8 | |
| COLONY WEST FIELD | | | | | |
| MACK C. CC LT 21,22,27-23S18E | C-15815 | COLONY B SOUTH UNIT | W | SQUIR 850 25 32.0 | |
| DAVIS-BRONSON FIELD | | | | | |
| REESE EXPLORATION 34-23S21E | C-18614 | PIPE | P | BARTL 737 7 NR | |
| DAVIS-BRONSON FIELD | | | | | |
| CEE EASTWOOD 15,21-24S21E | C-6851 | DAWSON | | BARTL NR NR 24.0 | |
| DORWIN R. JACKSON 22-23S21E | C-13975 | STEWART | W | BARTL 650 10 28.0 | |
| REESE EXPLORATION 4-24S21E | CR-4808 | SAAT HOFF | | TUCKER NR NR NR | |
| REESE EXPLORATION 28-23S21E | CR-8807 | STEWART | P | BURGESS 800 7 24.0 | |
| ELSMORE FIELD | | | | | |
| DFW PETROLEUM 7,18-26S21E | CR-8804 | D.R. NELSON | W | BARTL 750 10 30.0 | |
| KLI PETROLEUM 22-25S21E | C-18297 | LUDLUM SISSON | W | BARTL 700 12 30.0 | |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|------|-------------|-------|-----|--------------|---------|-----|--------------|-------|-----------------|--------------|----------|-----|------|--------|------------|-----|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | 1982 | CUM | 1982 | CUM | | |
| | | | | | | | | | | | | 1981 | --- | 1981 | --- | 1981 | --- |
| 1975 | M | PROD&FRESH | 5 | 0 | 17.9 | 179 | 9 | 0 | 1.6 | 7.3 | 1.5 | 6.6 | | | | C-18622 | |
| 1980 | U | PROD | 1 | 0 | 8.9 | 8.9 | 5 | 0 | 1.7 | 2.8 | 0 | 0 | 8 | | | C-13452 | |
| 1962 | T | PROD & MISS | 0 | 0 | 0 | 999 | 8 | 0 | 0.1 | 75.9 | 0 | 75.9 | 2 | | | C-9440 | |
| 1951 | T | PROD & MISS | 61 | 0 | 879 | 38326 | 78 | 2 | 13.8 | 3125 | 13.8 | 3125 | | | | C-3091 | |
| 1950 | M | PROD&FRESH | 1 | 0 | NR | NR | NR | NR | NR | NR | NR | NR | | | | CPM1781 | |
| NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 4 | | | CR-1803 | |
| 1979 | T | L-BARTL | 12 | 1 | 61.7 | 134 | 16 | 0 | 39.7 | 118 | 39.7 | 60.2 | | | | CR-7797 | |
| 1971 | T | SH LM | 18 | 0 | 305 | 2034 | 38 | 5 | 21.9 | 193 | 21.9 | 199 | | | | C-15815 | |
| NR | U | PROD | 1 | 0 | 0.5 | NR | 9 | 0 | 1.2 | NR | 0 | NR | 8 | | | C-18614 | |
| NR | L | PROD | 7 | 0 | 63.9 | NR | 8 | 0 | 0.9 | NR | NR | NR | | | | C-6851 | |
| 1968 | T | PROD | 5 | 10 | 9.0 | NR | 20 | 9 | 4.5 | NR | 4.5 | NR | | | | C-13975 | |
| NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 | | | CR-4808 | |
| 1980 | M | PROD | 1 | 0 | 0.3 | NR | 17 | 0 | 0.9 | NR | 0 | NR | | | | CR-8807 | |
| 1981 | U | MISS | 21 | 11 | 97.7 | 97.7 | 41 | 24 | 25.0 | 25.1 | 0 | NR | | | | CR-8804 | |
| 1973 | M | PROD & FR | 3 | 0 | 1.3 | 23.3 | 7 | 0 | 0.6 | 1.0 | 0 | 0 | | | | C-18297 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- | |
|--|------------------------|-----------------------|-------------------|--|--|
| ALLEN COUNTY ===== | | | | | |
| ELSMORE SHCESTRING FIELD | | | | | |
| CORAL PETROLEUM 8,16,21,22-26S21E | C-17350 | EAST ELSMORE | W | BARTL 700 12 31.0 | |
| DON DANIELS 3,10,15-26S21E | C-17800 | LARSON | D | BARTL 667 20 30.0 | |
| ELSMORE WEST FIELD | | | | | |
| CORAL PETROLEUM 8,9,16-26S20E | C-17819 | WEST ELSMORE | W | BARTL 720 19 31.0 | |
| INEXCO OIL 13,24-26S20E 18-26S21E | C-17691 | ERICSON | W | BARTL 700 10 30.0 | |
| HUMBOLDT-CHANUTE FIELD | | | | | |
| A B & B OIL 18-26S18E | CR-9811 | BARNETT | D | BARTL 800 50 27.0 | |
| CUNNINGHAM OIL 21-26S18E | CR-5803 | GEFFERT | | BARTL 800 6 31.0 | |
| E O R PETROLEUM 22,23,26,27-26S18E | C-1858 | HENDRICH'S BLOCK | W | BARTL 725 20 29.1 | |
| JONES & CAMPBELL 9-26S18E | C-8170 | MONARCH | W | BARTL 800 10 32.0 | |
| JONES & CAMPBELL 19,24-26S18E | C-3802 | WOLFE-TEBAY UNIT | W | BARTL 820 18 28.0 | |
| KATANA RESOURCES 22-26S18E | CR10814 | SOUTH DIETRICH | D | BARTL 765 85 31.0 | |
| KLOTZ & EVANS 28-26S18E | CR-5775 | LEITZBACH | W | BARTL NR NR NR | |
| MARKAN OIL 19,20,29-26S20E | CR-9787 | JORDAN | W | TUCKER 900 43 23.0 | |
| NEOSHO OIL & GAS 22-26S18E | CR-7793 | CANNON | W | BARTL 850 20 32.0 | |
| P & H OIL 17,20,29,30,32-26S18E | C-3183 | PETROLIA FLD | W | BARTL 800 20 28.0 | |
| P & H OIL 4,5,7,8-26S18E | C-2698 | HUMBOLDT FLD UT | W | BARTL 785 20 28.0 | |
| P & H OIL 20,25-26S18E | C-596 | CAMBELL ETAL | W | BARTL 800 20 28.0 | |
| P & H OIL 16,17,18,19-26S18E | C-3435 | MATSON GROUP | W | BARTL 790 20 28.0 | |
| RENFLOW OIL 28,29,32-26S20E | C-18163 | BECKER | W | BARTL 850 14 23.0 | |
| RIDGE OIL & GAS | CR-5816 | FINNEY-DANIELS | W | BARTL 810 40 28.0 | |
| 27-26S18E | | | | | |
| RIDGE OIL & GAS, INC 31-26S19E | C-10579 | TOWNSEND | | BARTL 800 8 30.0 | |
| RIDGE OIL & GAS, INC 25,26-26S18E | C-3617 | HOEPKER, KROUSE | | BARTL 810 8 25.0 | |
| ROY WILLIS 25-26S18E | C-5716 | YOUNT | | BARTL NR NR NR | |
| VIC LEIS 1,12,13-26S18E 6,7-26S19E | C-8647 | PROJECT 503 | W | BARTL 820 10 32.0 | |
| WELLS-BATTELSTEIN 03-27S18E 34-26S18E | C-4444 | SEE FELDT | W | BARTL NR NR NR | |
| WIMSETT & THOMPSON 9-26S18E | C-9014 | PERRENOUD | P | BARTL 800 8 30.0 | |
| WIMSETT PRODUCTION 18-26S20E 13-26S19E | C-16718 | C. JOHNSON | W | BARTL 725 10 32.0 | |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|------|-------------|-------|-----|--------------|---------|------|-------------|-------|-----------------|--------------|-------------|------|--------------|---------|---------|---------|----|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD | NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR(MMCF) | TOT | NEW | MB OR(MMCF) | MB OR(MMCF) | CUM | MB OR(MMCF) | | | | |
| | | | | | 1982 [98] | | | | | | 1982 [98] | | | 1982 [98] | | | | |
| 1974 | T | PROD & MISS | 85 | 1 | 845 | 3880 | 100 | 3 | 42.8 | 209 | 25.7 | 126 | | | | | C-17350 | |
| 1980 | U | PROD | | 3 | 1 | 4.5 | 7.5 | 6 | 0 | 2.6 | NR | 0 | NR | | | | C-17800 | |
| 1974 | T | PROD & MISS | 20 | 1 | 185 | 1861 | 33 | 0 | 4.0 | 66.0 | 2.4 | 39.6 | | | | | C-17819 | |
| 1974 | T | MISS | | 36 | 13 | 218 | NR | 64 | 10 | 16.6 | 85.7 | 11.6 | 62.0 | | | | C-17691 | |
| 1981 | U | PROD | | 4 | 4 | 27.0 | 27.0 | 6 | 6 | 1.0 | 1.0 | 1.0 | 1.0 | | | | CR-9811 | |
| 1980 | U | PROD | | 1 | 0 | 1.1 | 5.1 | 30 | 8 | 10.1 | 21.3 | 0 | NR | | | | CR-5803 | |
| 1974 | M | PROD & ARB | 8 | 0 | 62.1 | 634 | 31 | 0 | 2.9 | 27.2 | 2.9 | 27.2 | 9 | C-1858 | | | | |
| NR | T | PROD & OSWE | 3 | 0 | 4.0 | NR | 3 | 0 | 1.0 | NR | 1.0 | NR | | | | | C-8170 | |
| NR | T | PROD & OSWE | 2 | 0 | 1.5 | NR | 4 | 0 | 1.0 | NR | 1.0 | NR | | | | | C-3802 | |
| 1981 | U | PROD | | 2 | 0 | 7.7 | 9.6 | 15 | 3 | 5.7 | 8.1 | 0 | 0 | | | | CR10814 | |
| NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 4 | CR-5775 | | | |
| 1978 | M | PROD & MISS | 35 | 0 | 600 | 1784 | 50 | 0 | 36.1 | 166 | 36.1 | 80 | | | | | CR-9787 | |
| 1978 | T | MISS | | 4 | 0 | 28.0 | 80.8 | 4 | 0 | 0.6 | 1.6 | 0.6 | 1.6 | | | | CR-7793 | |
| NR | M | PROD&FR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | | C-3183 | |
| NR | M | PROD&FR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | | C-2698 | |
| NR | M | PROD&FR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | | C-596 | |
| NR | M | PROD&FR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | | C-3435 | |
| 1976 | T | PROD & MISS | 26 | 0 | 720 | 2021 | 47 | 5 | 30.4 | 191 | 15.0 | 95.0 | | | | | C-18163 | |
| 1981 | U | PROD | | 4 | 4 | 12.0 | 12.0 | 13 | 5 | 0.9 | 5.0 | 0 | 0 | | | | CR-5816 | |
| NR | NR | NR | 0 | 0 | 0 | NR | 2 | 0 | 0.1 | 0.2 | 0 | 0 | 2 | C-10579 | | | | |
| NR | NR | NR | 0 | 0 | 0 | NR | 10 | 3 | 1.3 | 3.7 | 0 | 0 | 2 | C-3617 | | | | |
| NR | | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 | C-5717 | | | |
| NR | | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | C-5716 | | | |
| 1970 | T | PROD & MISS | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 10 | C-8647 | | | |
| 1980 | U | MISS+ARB | 130 | 0 | 66.1 | 110 | 9 | 1 | 1.3 | 1.7 | 1.3 | 1.7 | | | | | C-4444 | |
| 1960 | M | PROD+FR | 4 | 0 | 54.0 | NR | 12 | 0 | 5.4 | NR | 5.4 | NR | | | | | C-9014 | |
| 1972 | M | PROD & KC | 12 | 0 | 3.0 | 38.7 | 28 | 2 | 5.8 | 100 | 2.9 | NR | | | | | C-16718 | |

| OPERATOR ----- LOCATION ----- | PROJECT ----- NO ----- | PROJECT NAME ----- | TYP ----- PRJ ----- | OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV ----- ----- | | | |
|--|---------------------------------|------------------------|------------------------------|--|------|-----|------|
| ALLEN COUNTY ===== | | | | | | | |
| IOLA FIELD ----- | | | | | | | |
| BECKETT OIL 36-24S17E | C-13992 | MILLER,LING,TESTS ETAL | W | SQUIR | 813 | 12 | 28.0 |
| LAYTON OIL 3-24S18E | C-8717 | CROSS | S | BARTL | 860 | 50 | 8.0 |
| LAYTON OIL 10,11-24S18E | C-9089 | CARLYLE THERMO UNIT | F | BARTL | 980 | 20 | NR |
| LUCKY STRIKE OIL 21,28-24S18E | C-6633 | BLISS-ROGERS | W | SQUIR | 660 | 25 | 32.0 |
| ROYAL OIL & GAS 9-24S18E | C-3246 | HOBBS | D | BARTL | 950 | 150 | 20.0 |
| TECH AM RESOURCES 22-25S19E | C-14357 | H.P. MORRISON UNIT | W | BARTL | 861 | 35 | 23.7 |
| TECH AM RESOURCES 21,22-25S19E | C-14897 | JARRED & SETTER "B" | W | BARTL | 800 | 25 | 23.5 |
| TECH AM RESOURCES 14-25S19E | C-7469 | SCOTT & SALLEE | W | BARTL | 808 | 35 | 19.8 |
| TECH AM RESOURCES 15-25S19E | C-14322 | MALONEY & ROSE | W | BARTL | 820 | 35 | 20.2 |
| TECH AM RESOURCES 23-25S19E | C-16534 | A.W. WADE | W | BARTL | 845 | 24 | 22.4 |
| LEANNA AREA FIELD ----- | | | | | | | |
| NEOSHO OIL & GAS 23-26S19E | CR-8791 | ROBERTS UNIT | W | SQUIR | 700 | 20 | 32.0 |
| MORAN FIELD ----- | | | | | | | |
| ENSMINGER OIL 1,12-25S15E 5,6,7,8-25S20E | C-18507 | IOLA FIRE FLOOD | W | BARTL | 820 | 25 | 19.0 |
| INEXCO OIL 33,34,35-24S20E 2-25S20E | C-14856 | MORAN | E | BARTL | 810 | 10 | 22.0 |
| MACK C. COLT 32,35-24S20E | C-9952 | MORAN GROUP | W | BARTL | 800 | 15 | 22.0 |
| MARVIN E. BOYER OIL 23,24-25S19E | C-10334 | LAHARPE, UNIT #2 | W | SQUIR | 860 | 10 | 24.6 |
| NEOSHO FALLS-LEROY FIELD ----- | | | | | | | |
| CCNA LEE 26-23S17E | C-13321 | HOLTZ-MENTZER | W | MISS | 1165 | 12 | 33.0 |
| SAVONBURG FIELD ----- | | | | | | | |
| HUSOMA INC 20-26S21E | C-13563 | NELSON-SCHOBER VENTRON | W | BARTL&SQU | 1180 | NR | NR |
| HUSOMA INC 20-26S21E | C-13657 | O.S. JACKSON | W | BARTL | 680 | NR | NR |
| KLI PETROLEUM 21,28,29-26S21E | C-11361 | SAVONBURG | W | BARTL | 690 | 13 | 30.0 |
| WALTER DUNCAN OIL 32-26S21E | C-11082 | WALQUIST | W | BARTL | 670 | 30 | 32.5 |
| SEIBERT FIELD ----- | | | | | | | |
| JAMES E. RUSSELL 10,15-26S20E | CR-8781 | CARLSON | W | BARTL | 700 | 13 | 31.0 |
| ALLEN-ANDERSON COUNTIES ===== | | | | | | | |
| COLONY WEST FIELD ----- | | | | | | | |
| MACK C. COLT 3,8,9,15,16,34-23S18E | C-4401 | COLONY WEST | W | SQUIR | 850 | 15 | 32.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|------------|-------------|-------|-----|--------------|---------|-----|--------------|-------|-----------------|------|----------|------|--------|-----------------------|---------------------|---------|----|
| FIRST YR | TYP WTR | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC MB OR(MMCF) | PROD MB OR(MMCF) | NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | 1982 | CUM | 1982 | CUM | 1982 | CUM | | | | |
| | | | | | | | | | 1981 | | 1981 | | 1981 | | 1981 | | | |
| 1968 | U | PROD | 1 | 0 | 13.1 | 177 | 15 | 1 | 2.6 | 18.8 | 0.7 | 5.1 | | | | | C-13992 | |
| 1974 | M | PROD & FR | 0 | 0 | 0 | 31.3 | 2 | 0 | 0.8 | 5.7 | 0 | 0 | | | | | C-8717 | |
| 1963 | | NR | 0 | 0 | 0 | 1145 | 6 | 0 | 1.8 | 5.8 | 0 | 0 | | | | | C-9089 | |
| NR | U | PRCD | 2 | 0 | 7.3 | 10.9 | 6 | 3 | 2.5 | 13.8 | 0 | 0 | | | | | C-9017 | |
| 1954 | U | PRGD | 1 | 0 | 135 | 999 | 38 | 6 | 17.3 | 526 | NR | NR | | | | | C-6633 | |
| 1968 | M | PROD & KC | 6 | 0 | 63.4 | 1464 | 13 | 2 | 10.8 | 204 | 10.8 | 137 | | | | | C-3246 | |
| 1969 | M | PROD & KC | 3 | 0 | 17.7 | 753 | 6 | 0 | 7.3 | 114 | 7.3 | 80.4 | | | | | C-14897 | |
| 1968 | U | PROD | 1 | 0 | 5.4 | 94.1 | 15 | 0 | 2.5 | 137 | 0 | NR | | | | | C-7469 | |
| 1968 | M | PROD & KC | 4 | 0 | 25.8 | 543 | 7 | 1 | 5.8 | 153 | 5.8 | 111 | | | | | C-14322 | |
| 1972 | M | PROD & KC | 2 | 0 | 5.3 | 294 | 2 | 0 | 0.7 | 18.7 | 0.7 | 7.0 | | | | | C-16534 | |
| 1979 | T | ARB | 26 | 0 | 375 | 668 | 27 | 0 | 11.6 | 41.9 | 11.6 | 41.9 | | | | | CR-8791 | |
| 1976 | U | PROD | 9 | 0 | 36.6 | 122 | 43 | 5 | 8.6 | NR | 8.6 | 32.2 | | | | | C-18507 | |
| 1958 | T | MISS | 146 | 0 | 429 | 6036 | 177 | 0 | 48.0 | 1184 | 5.3 | 32.8 | | | | | C-14856 | |
| 1955 | T | PROD & MISS | 12 | 2 | 108 | 1831 | 26 | 2 | 12.8 | 113 | 12.8 | 113 | | | | | C-9952 | |
| 1963 | T | PROD & MISS | 39 | 0 | 210 | NR | 68 | 0 | 40.4 | NR | NR | NR | | | | | C-10334 | |
| NR | U | PROD | 1 | 0 | 7.3 | 328 | 2 | 0 | 1.5 | 45.0 | 0 | 0 | | | | | C-13321 | |
| NR | | PROD | 1 | 0 | 3.0 | NR | 7 | 0 | 0.9 | NR | 0.9 | NR | | | | | C-13563 | |
| NR | | PRCD | 5 | 0 | 9.0 | NR | 10 | 0 | 0.4 | NR | 0.4 | NR | | | | | C-13657 | |
| NR | T | PROD & ARB | 16 | 11 | 111 | 121 | 42 | 0 | 16.9 | 39.7 | 0 | 0 | | | | | C-11361 | |
| 1964 | T | PRCD & MISS | 5 | 0 | 23.7 | 2065 | 3 | 0 | 1.1 | 144 | 1.1 | 144 | | | | | C-11082 | |
| 1979 | T | MISS | 6 | 1 | 119 | 233 | 15 | 6 | 5.1 | 13.3 | 5.1 | 9.0 | | | | | CR-8781 | |
| 1955 | T | PROD & MISS | 0 | 0 | 0 | 7301 | 58 | 4 | 7.1 | 1358 | 0 | 1358 | 2 | C-4401 | | | | |

| OPERATOR ----- LOCATION | PROJECT ----- NO | PROJECT NAME ----- | TYP ----- PRJ | OIL PRODUCING ZONE | | | |
|--|------------------------|------------------------|---------------------|--------------------|-------|------|------|
| | | | | NAME | DEPTH | THK | GRAV |
| | | | --- | ---- | ---- | ---- | ---- |
| ALLEN-BURBON COUNTIES ===== | | | | | | | |
| CAVIS-BRONSON FIELD ----- | | | | | | | |
| MACK C. COLT 34-23S21E 2,3,10,11,15-24S21E | C-153 | MCINTYRE TRAVIS | W | BARTL | 700 | 30 | 28.5 |
| ALLEN-NEOSHO COUNTIES ===== | | | | | | | |
| HUMBOLDT-CHANUTE FIELD ----- | | | | | | | |
| E O R PETROLEUM 4-27S18E 32,33-26S18E | C-4919 | K. T. BLOCK | W | BARTL | 730 | 20 | 32.5 |
| SPECIFIC SYSTEMS 1-27S18E 31,36-26S18E | C-11183 | MFA PROJECT | | BARTL | NR | NR | NR |
| ANDERSON COUNTY ===== | | | | | | | |
| BUSH CITY SHOESTRING FIELD ----- | | | | | | | |
| C.K. OIL 8,9,16,17-21S20E | C-18135 | CK OIL CO | P | SQUIR | 800 | 40 | 36.0 |
| E O R PETROLEUM 18-21S21E | C-3177 | C&L GROUP | W | SQUIR | 620 | 25 | 37.0 |
| EOR PETROLEUM 12,13-21S20E | C-3151 | REED GROUP | W | SQUIR | 620 | 30 | 36.0 |
| GULF 28,33-20S21E 4-21S21E | C-5985 | DENGU WF | W | SQUIR | 614 | 5 | 36.0 |
| LADD PETROLEUM 7,8,15,16-21S20E | C-3098 | EAST & WEST OKO | W | SQUIR | 800 | 30 | 36.0 |
| COLONY WEST FIELD ----- | | | | | | | |
| CHARLES M. HILL 25-22S17E | C-10327 | CHAS M. HILL | W | SQUIR | 885 | 15 | 27.0 |
| JAMES E. RUSSELL 36-22S17E 31-22S18E 5,6-23S18E | C-8945 | COLONY WEST | W | SQUIR | 850 | 18 | 30.0 |
| COLONY-WELDA FIELD ----- | | | | | | | |
| BRECHEISEN OIL 3-22S19E | C-9179 | BUCHANAN-SETTLE | W | SQUIR | 820 | 20 | 35.0 |
| BRECHEISEN OIL 34,35-21S19E | C-6421 | SUMMERS AND CAMERON | W | SQUIR | 820 | 25 | 35.0 |
| BRECHEISEN OIL 35-21S19E | C-6436 | BRECHEISEN-ROCKY ROOST | W | SQUIR | 820 | 20 | 34.0 |
| BRECHEISEN OIL 22,27,35-21S19E | C-11406 | KATTENHORN-KELLSTADT | W | SQUIR | 825 | 24 | 35.0 |
| JAMES E. RUSSELL 2,3-22S19E | C-5363 | UNIT 3 | W | SQUIR | 800 | 19 | 36.0 |
| JAMES E. RUSSELL 3,4,9,10,15-23S19E | CR-5772 | MINCKLEY | W | SQUIR | 700 | 11 | 30.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|------|-------------|-------|-----|--------------|---------|-----|--------------|-------|-----------------|--------------|----------|------|---------|--------|---------|--------------|----|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD | NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | CUM | --- | --- | | | | |
| | | | --- | --- | --- | 1982 | --- | --- | 1982 | --- | 1982 | --- | 1981 | --- | 1981 | --- | 1981 | |
| 1952 | T | PROD & MISS | 0 | 0 | 0 | 8327 | 23 | 7 | 2.1 | NR | 0 | 457 | 2 | C-153 | | | | |
| 1974 | M | PROC & ARB | 8 | 0 | 77.4 | 1371 | 65 | 0 | 4.3 | 45.5 | 4.3 | 45.5 | 11 | C-4919 | | | | |
| NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | C-11183 | | | | |
| 1975 | U | PROD | 2 | NR | 12.0 | 47.2 | 29 | 4 | 9.8 | 86.0 | 9.8 | 86.0 | | C-18135 | | | | |
| NR | U | PROD | 0 | 0 | 0 | NR | 75 | 2 | 672 | NR | NR | NR | NR | 12 | C-3177 | | | |
| NR | U | PROC&ARB | 16 | 0 | 6.5 | NR | 105 | 16 | 5.1 | NR | 2.5 | NR | 13 | C-3151 | | | | |
| 1944 | T | PROC & ARB | 112 | 0 | 318 | 12552 | 122 | 0 | 14.5 | 2253 | 14.5 | 2253 | | C-5985 | | | C-1111 C-852 | |
| 1951 | T | PROD & ARB | 104 | 0 | 628 | 21794 | 129 | 0 | 28.3 | 2142 | 28.3 | 2142 | | C-3098 | | | | |
| 1963 | T | HERTHA | 0 | 0 | 0 | 87.6 | 0 | 0 | 0 | 2.5 | 0 | 2.5 | 14 | C-10327 | | | | |
| 1961 | T | PROD & SWS | 0 | 0 | 0 | 6827 | 36 | 0 | 3.0 | 679 | 3.0 | 524 | 2 | C-8945 | | | | |
| 1962 | M | PROD & KC | 29 | 23 | 2.2 | 642 | 17 | 5 | 7.1 | 337 | 7.1 | 337 | | C-9179 | | | | |
| 1958 | M | PROD & KC | 20 | 0 | 110 | 1231 | 17 | 0 | 8.1 | 173 | 8.1 | 173 | | C-6421 | | | | |
| 1958 | M | PROD & KC | 6 | 2 | 4.0 | 460 | 6 | 0 | 1.2 | 178 | 1.2 | 178 | | C-6436 | | | | |
| 1959 | M | PROD & FR | 54 | 20 | 265 | 1800 | 67 | 0 | 23.8 | 1800 | 23.8 | 1800 | | C-11406 | | | C-6699 | |
| 1957 | T | PROD & MISS | 41 | 0 | 139 | 915 | 37 | 0 | 27.7 | 641 | 27.7 | 260 | | C-5363 | | | | |
| 1980 | T | MISS | 26 | 3 | 144 | 194 | 95 | 9 | 52.1 | 176 | 37.6 | 44.3 | | CR-5772 | | | | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE | | | |
|---|------------------------|-----------------------|-------------------|--------------------|-------|-------|-------|
| | | | | NAME | DEPTH | THK | GRAV |
| | | | | ----- | ----- | ----- | ----- |
| ANDERSON COUNTY ===== | | | | | | | |
| COLONY-WELDA FIELD ----- | | | | | | | |
| JAMES E. RUSSELL 21,22,23,26,27-22S19E 28,29,32,33-22S19E | C-11165 | UNITS NOS 1 & 2 | W | SQUIR | 800 | 16 | 33.0 |
| JAMES E. RUSSELL 4,9-22S19E | C-10781 | STRAIN, MARTIN | W | SQUIR | 800 | 14 | 36.0 |
| GARNETT SHOESTRING FIELD ----- | | | | | | | |
| GLEN CALDWELL 32-2CS20E | C-7361 | GLENN CALDWELL | P | SQUIR | NR | NR | NR |
| GARNETT WEST FIELD ----- | | | | | | | |
| SHOMOR GAS & OIL 26-2CS19E | C-12120 | WHITE ET AL | P | PERU | 650 | 15 | 31.0 |
| KINCAID FIELD ----- | | | | | | | |
| RICHARD ENGINEERING 29,32-22S21E 4,5-23S21E | C-16816 | KINCAID UNIT | W | BARTL | 750 | 22 | 28.0 |
| SELMA FIELD ----- | | | | | | | |
| MACK C. COLT 9,10-22S21E | C-581 | SELMA | P | BARTL | NR | NR | NR |
| *SEE ALSO ALLEN-ANDERSON | | | | | | | |
| BARBER COUNTY ===== | | | | | | | |
| AMBER MILLS FIELD ----- | | | | | | | |
| REED OIL 15,16-30S12W | C-13209 | HOUSE & LAWRENZ | W | VIOLA | 4500 | 8 | 38.0 |
| BLOOM FIELD ----- | | | | | | | |
| AM PETROFINA TEXAS 23-32S12W | C-5362 | BLOOM | D | MISS | 4321 | 17 | 33.0 |
| HARDTNER FIELD ----- | | | | | | | |
| CKMAR GIL 2,11,12-35S13W | C-18484 | ACHENBACH | P | MISS | 4900 | 30 | 22.0 |
| HIGHWAY FIELD ----- | | | | | | | |
| AYLWARD DRILLING 23-32S11W | C-6939 | GILBERT | P | DOUG | 3586 | 6 | 26.0 |
| MEDICINE LODGE NORTH FIELD ----- | | | | | | | |
| ROBERT R. PRICE 20-32S12W | C-16556 | KIRKBRIDE | W | MISS | 4450 | 15 | 30.0 |
| ROBERT R. PRICE 17,18,19,20-32S12W | C-14776 | FORSYTH UNIT | W | MISS | 4450 | 12 | 30.0 |
| MEDICINE LODGE-BOGGS FIELD ----- | | | | | | | |
| GETTY OIL 17-33S12W | C-15010 | BOGGS C | W | SIMP | 4794 | 12 | 25.2 |

| INJECTION DATA | | | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|------|-------------|-------|-----|--------------|---------|------|--------------|-------|------|--------------|-----------------|------|--------------|-------------|--|---------|---------|--|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC PROD | | NOTES | NO | |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | | | | | |
| | | | 1982 | CUM | 1982 | 1982 | CUM | 1982 | 1982 | CUM | 1982 | 1982 | CUM | 1982 | CUM | | | | |
| | | | [98] | | | [98] | | | [98] | | | [98] | | | [98] | | | | |
| 1948 | T | PROD & MISS | 30 | 15 | 153 | 9114 | 48 | 4 | 14.3 | 1832 | 11.4 | 793 | | | | | C-11165 | | |
| 1964 | T | PROD & OSWE | 19 | 0 | 138 | 2312 | 22 | 0 | 5.9 | 519 | 5.9 | 199 | | | | | C-10781 | | |
| 1959 | | NR | | 5 | 0 | 3.5 | 767 | 6 | 0 | 0.3 | 80.3 | 0.3 | 80.3 | | | | C-7361 | | |
| NR | U | PROD | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | C-12120 | | |
| NR | T | MISS | | 46 | 0 | 310 | NR | 70 | 0 | 36.3 | NR | 36.3 | NR | | | | C-16816 | | |
| NR | U | PROD | | 0 | 0 | 0 | 985 | 5 | 2 | 0.2 | 264 | 0 | 264 | 2 | | | C-581 | | |
| 1967 | T | PROD | | 1 | 0 | 292 | 4349 | 3 | 0 | 2.8 | 147 | 2.8 | 147 | | | | C-13209 | | |
| 1957 | U | PROD | | 1 | 0 | 1.1 | 252 | 1 | 0 | 6.2 | 185 | 4.5 | 48.4 | | | | C-5362 | | |
| 1977 | U | PROD | | 1 | 0 | 199 | 1188 | 7 | 0 | 7.4 | 60.7 | 0 | NR | | | | C-18484 | | |
| NR | U | PROD | | 1 | 0 | 19.0 | 506 | 2 | 0 | 1.6 | 86.8 | 1.6 | NR | | | | C-6939 | | |
| 1972 | T | PROD & KC | | 1 | 0 | 28.0 | 652 | 1 | 0 | 0 | 5.9 | 0 | 2.7 | | | | C-16556 | | |
| 1969 | T | PROD & KC | | 3 | 0 | 240 | 3528 | 12 | 0 | 7.6 | 701 | 7.6 | 120 | | | | C-14776 | | |
| 1969 | L | PROD | | 5 | 0 | 690 | 5186 | 6 | 0 | 5.5 | 2949 | 5.5 | 144 | | | | C-15010 | | |

| OPERATOR LOCATION | PROJECT NO | PROJECT NAME | TYP PRJ | OIL PRODUCING ZONE | |
|--|---------------|-----------------|------------|---------------------|----------|
| | | | | NAME DEPTH THK GRAV | |
| BARBER COUNTY | | | | | |
| MEDICINE LODGE-BOGGS FIELD | | | | | |
| GULF 15-33S13W | CPM5771 | HOLMES C | P | MISS 4858 | 10 38.0 |
| TEXAS AM OIL 20,21-33S12W | C-17369 | G.R. SMITH A | W | SIMP 4900 | 20 26.5 |
| MOFFETT WEST FIELD | | | | | |
| TENNECO 8,9-30S15W | C-15203 | L.M. LEE A & B | D | VIOLA 4646 | 30 34.6 |
| RHODES FIELD | | | | | |
| BOWERS DRILLING 19,30-33S11W | C-15630 | GILMORE-CHAPIN | D | MISS 4480 | 12 34.0 |
| GULF 15,16,21,22-33S11W | C-10266 | RHODES UNIT | W | MISS 4550 | 20 27.0 |
| GULF 17-33S11W | C-10102 | W. A. NEWKIRK | W | MISS 4450 | NR 25.4 |
| SALT FORK FIELD | | | | | |
| BRADEN-DEEM 11,12-35S15W | C-16259 | DAVIS RANCH | P | MISS 4970 | 30 26.0 |
| SKINNER FIELD | | | | | |
| ROBERT F. WHITE 17-31S17W | C-15863 | SKINNER B | D | VIOLA 4400 | 30 40.0 |
| BARTON COUNTY | | | | | |
| AMES FIELD | | | | | |
| ENERGY RESERVES 26-18S11W | C-15252 | AMES UNIT | W | LKC 3150 | 30 31.8 |
| KAISER-FRANCIS 15-18S11W | C-17142 | DREWS B | P | LANS 3036 | 189 NR |
| PIONEER OPERATIONS 22,23,26,27-18S11W | C-6929 | ROBL UNIT | P | LKC 2925 | 155 40.0 |
| ROBINOWITZ OIL 16-18S11W | C-17191 | AMES FLOOD | W | KC 3040 | 20 39.5 |
| AXMAN NE FIELD | | | | | |
| MURFIN DRILLING 18-17S14W | CR-4806 | AXMAN | P | LKC 3525 | 14 35.0 |
| BAILEY FIELD | | | | | |
| NCRA 30-18S11W | C-11512 | BAILEY LKC UNIT | W | LANS 3278 | 16 42.5 |
| BEAVER FIELD | | | | | |
| COASTAL OIL & GAS 15-16S12W | C-16938 | KRAMER | D | LKC 3051 | 181 39.0 |
| KEENER OIL 8-16S12W | C-11244 | FELTES | W | LANS 3050 | 8 38.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|------|-------------|-------|-----|--------------|---------|-----|-------------|-------|-----------------|-------------|----------|-----|------|--------|------------|-------------------------------|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR(MMCF) | TOT | NEW | MB OR(MMCF) | 1982 | CUM | 1982 | CUM | | |
| | | | --- | --- | --- | 1982 | --- | --- | 1982 | --- | --- | 1982 | --- | 1982 | --- | | |
| 1977 | U | PROD | 1 | 0 | 1.1 | 4.8 | 1 | 0 | 3.7 | 72.0 | 3.7 | 72.0 | | | | | CPMS771 |
| 1975 | U | PROD | 1 | 0 | 92.0 | NR | 6 | 0 | 20.4 | NR | 20.4 | NR | | | | | C-17369 |
| 1969 | T | PROD | 1 | 0 | 99.3 | NR | 3 | 0 | 2.0 | NR | 1.8 | NR | | | | | C-15203 |
| 1971 | U | PROD | 1 | 0 | 17.0 | 422 | 3 | 0 | 5.8 | 428 | 2.4 | 26.0 | | | | | C-15630 |
| 1962 | M | PROD & FR | 13 | 0 | 2420 | 79387 | 24 | 0 | 90.1 | 2739 | 90.1 | 2739 | | | | | C-10266 C-9123 C-10102 |
| 1963 | U | PROD | 1 | 0 | 0 | 9458 | 7 | 0 | 6.2 | 2899 | 0 | NR | | | 2 | | |
| 1971 | U | PROD | 1 | 0 | 50.0 | 372 | 4 | 0 | 34.0 | 237 | 0.7 | 5.0 | | | | | C-16259 |
| 1974 | U | PROD | 1 | 0 | 7.0 | 140 | 1 | 0 | 3.1 | 543 | NR | NR | | | | | C-15863 |
| 1971 | U | CEDH | 3 | 0 | 224 | 2107 | 8 | 0 | 14.9 | 177 | 13.9 | 117 | | | | | C-15252 |
| 1974 | T | PROD | 1 | 0 | 54.8 | 1763 | 1 | 0 | 0.5 | 243 | 0 | NR | | | | | C-17142 |
| 1971 | L | PROD & PERM | 2 | 0 | 162 | 323 | 6 | 0 | 3.9 | 18.1 | NR | NR | | | | | C-6929 |
| 1974 | U | PROD | 1 | 0 | 53.4 | 292 | 3 | 0 | 3.1 | 36.9 | 0.5 | 2.0 | | | | | C-17191 |
| 1980 | T | PROD | 1 | 0 | 39.7 | 71.8 | 4 | 0 | 3.8 | 64.3 | NR | NR | | | | | CR-4806 |
| 1972 | M | PROD & FR | 3 | 0 | 119 | 808 | 5 | 0 | 17.4 | 179 | 13.0 | 89.1 | | | | | C-11512 |
| 1973 | U | PROD | 1 | NR | 176 | 1543 | 2 | 0 | 4.4 | 401 | NR | NR | | | 15 | | C-16938 C-16407 C-11244 |
| NR | T | PROD | 1 | 0 | 252 | NR | 2 | 0 | 1.9 | NR | 1.9 | NR | | | | | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ ----- | OIL PRODUCING ZONE | | | |
|--|------------------------|-------------------------|---------------------|--------------------|-------|-----|------|
| | | | | NAME | DEPTH | THK | GRAV |
| BARTON COUNTY ===== | | | | | | | |
| BEAVER FIELD | | | | | | | |
| PHILLIPS PETROLEUM 10-16S12W | C-14631 | CHRISTIAN D | P | LKC | 3060 | 12 | 39.0 |
| BEND FIELD | | | | | | | |
| STEPCO OIL 11-20 13W | C-13092 | WELSH | N | NR | NR | NR | NR |
| BERNARD FIELD | | | | | | | |
| GRAYBOL-PATTON 10-19S11W | C-15418 | MUSENBERG UNIT | W | LANS | 3192 | 8 | 40.0 |
| BIRZER WEST FIELD | | | | | | | |
| TET PETR 21,22,28-17S12W | CR 77711 | KOESTER | P | ARB | 3453 | 9 | 38.0 |
| BLOOMER FIELD | | | | | | | |
| STEPCO OIL 36-17S11W | C-8475 | J. B. BLOOMER | | LKC | 3053 | 18 | 32.0 |
| BOGER FIELD | | | | | | | |
| L.G. STEPHENSON 27-17S13W | CR-1781 | DEMEL | P | LANS | 3200 | 3 | 38.5 |
| BOTTOMS FIELD | | | | | | | |
| HILLENBURG OIL 35,36-18S12W | C-8376 | ZINK A | D | LKC | 3130 | 10 | 39.0 |
| BCYD FIELD | | | | | | | |
| ENERGY RESERVES 4-18S14W | C-15841 | FRIEB | W | LKC | 3230 | 20 | 38.6 |
| CIL PROPERTY MGT 8-18S13W | CR10804 | RIEDEL | P | ARB | 3319 | NR | 32.0 |
| CARROLL FIELD | | | | | | | |
| EVERETT SWANDER 28-17S14W | C-7810 | MEITNER A | P | LKC | 3100 | 6 | 38.7 |
| CARROLL NORTH FIELD | | | | | | | |
| PHILLIPS PETROLEUM 8-17S14W | C-17564 | BORCHERS A | P | LANS | 3400 | NR | NR |
| CHAFFEE FIELD | | | | | | | |
| CHAPMAN EXPL 31-15S13W | C-14333 | PANNING-RUSSELL-GRUNWAL | W | LKC | 3252 | 6 | 36.0 |
| FOUR-WAY OPERATING 36-15S14W | C-14048 | VAUGHAN-RUSSELL | W | LANS | 3187 | 235 | 34.0 |
| CHASE-SALICA FIELD | | | | | | | |
| THUNDERBIRD DRILLING 26-15S11W | CR-2817 | ISERN | D | LKC | 3116 | 10 | 41.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|------|-----------|-------|-----|--------------|---------|-----|-------------|-------|-----------------|-------------|----------|----|----|--------|------------|---------|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD NOTES | PROJECT |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | TOT | NEW | MB OR(MMCF) | CUM | | | | | |
| | | | | | 1982 CUM | | | 1982 CUM | | | 1982 CUM | 1981 | | | | | |
| 1968 | U | PROD | 1 | 0 | 17.1 | 208 | 1 | 0 | 0.4 | 83.9 | 0.4 | 5.3 | | | | C-14631 | |
| NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 | C-13092 |
| 1970 | M | PROD & FR | 1 | 0 | 77.3 | 1329 | 5 | 0 | 4.0 | 153 | 4.0 | 153 | | | | | C-15418 |
| 1977 | U | PROD | 1 | 0 | 98.6 | 215 | 1 | 0 | 1.1 | 6.9 | 0 | 0 | | | | | CR77711 |
| NR | T | PROD | 1 | 0 | 2.1 | 7.0 | 2 | 0 | 1.8 | NR | 0 | 0 | | | | | C-8475 |
| 1978 | U | PROD | 1 | 0 | 12.7 | 91.4 | 1 | 0 | 2.9 | 38.6 | 1.0 | 4.0 | | | | | CR-1781 |
| 1961 | U | PROD | 1 | 0 | 52.0 | NR | 2 | 0 | 1.7 | NR | 0 | NR | | | | | C-8376 |
| 1971 | U | PROD | 0 | 0 | 0 | 1231 | 4 | 0 | 5.7 | 131 | 3.9 | 63.6 | 2 | | | | C-15841 |
| 1981 | U | PROD | 1 | 0 | 78.6 | 78.6 | 4 | 0 | 2.6 | 4.8 | 1.0 | 1.0 | | | | | CR10804 |
| 1960 | T | PROD | 1 | 0 | 16.1 | NR | 3 | 0 | 3.5 | NR | 0 | NR | | | | | C-7810 |
| 1974 | U | PROD | 1 | 0 | 28.9 | 368 | 1 | 0 | 0.7 | 78.6 | 0 | 0 | | | | | C-17564 |
| 1968 | M | PROD & FR | 2 | 0 | 41.0 | 535 | 2 | 0 | 2.1 | 214 | 2.1 | 67.7 | | | | | C-14333 |
| 1971 | U | PROD | 1 | 0 | 6.7 | 45.1 | 3 | 0 | 0.4 | 67.5 | 0.4 | 11.2 | | | | | C-14048 |
| 1981 | U | PROD | 1 | 0 | 4.3 | 4.3 | 3 | 0 | 10.0 | 399 | 0 | 0 | | | | | CR-2817 |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- ----- ----- ----- |
|--|------------------------|-----------------------|-------------------|--|
| BARTON COUNTY | | | | |
| CHASE-SILICA FIELD | | | | |
| OKMAR OIL 25-19S11W | C-11715 | BURMEISTER | W LKC | 3080 7 34.0 |
| CHEYENNE FIELD | | | | |
| FOUR-WAY OPERATING 4-19S12W | CR-5815 | MILLER | W LKC | 3171 131 36.0 |
| NCRA 4-19S12W | C-15218 | LUCAS | W LKC | 3104 15 44.0 |
| NCRA 4-19S12W | C-16052 | MILLER A | D LANS | 3100 15 40.0 |
| CHEYENNE VIEW FIELD | | | | |
| ALADDIN PETROLEUM 14-19S12W | CR10775 | SCHARTZ | P KC | 3050 30 40.0 |
| ALADDIN PETROLEUM 12-19S12W | C-5561 | RINKER B | P KC | 3060 30 40.0 |
| ENERGY RESERVES 14-19S12W | C-17269 | APEL | P LKC | 3140 150 38.6 |
| ISERN-SCHULTZ OIL 23-19S12W | C-5387 | LANTERMAN WF | W KC | 3142 35 40.0 |
| SCHIO PETROLEUM 12-19S12W | C-3272 | HEINZ A | W LKC | 3100 17 39.7 |
| SCHIO PETROLEUM COMP 1-19S12W | CR-3828 | HEINZ B | W LKC | 3149 24 39.7 |
| SOUTHERN STATES OIL 11,12-19S12W | C-7208 | KULTGEN | P LKC | 3100 20 39.0 |
| CLARENCE FIELD | | | | |
| DERRICK-AMERICAN OIL 35,36-19S15W | CR-5774 | BEAHM-EWING UNIT | LKC | 3316 35 20.9 |
| KRM PETROLEUM 35-19S15W | C-12012 | BUTTON | D LKC | 3246 4 25.3 |
| DEWERFF FIELD | | | | |
| FELL & WOLFE OIL 1,2-20S12W | C-17845 | DEWERFF | W ARB | 3340 20 37.3 |
| ELLINGWOOD NORTH FIELD | | | | |
| AM PETROFINA TEXAS | C-8476 | SCHWAMBORN | W LKC | 3065 12 42.0 |
| 28-19S11W | | | | |
| ERNA NORTHWEST FIELD | | | | |
| SOUTHERN STATES OIL 24-18S15W | C-17067 | NORDMAN | W LKC | 3300 10 40.0 |
| ERNA SOUTHEAST FIELD | | | | |
| CARL W. BOXBERGER 29-18S14W | C-8604 | RUSSELL B | D LKC | 3258 60 39.0 |
| FRANK FIELD | | | | |
| RAYMOND OIL 7,8-19S12W | C-15942 | HAMMEKE-NEELAND | W LKC | 3160 22 41.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|-----|-------------|-------|-----|------|---------|--------------|------|-------|-----------------|------|--------------|------|-----|--------|---------|------------------|----|
| FIRST | TYP | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD | NOTES | NO |
| | | | YR | WTR | TOT | NEW | MB OR (MMCF) | 1982 | CUM | TOT | NEW | MB OR (MMCF) | 1982 | CUM | 1982 | CUM | | |
| | | | | | | | | 1982 | CUM | | | | 1982 | CUM | 1982 | CUM | | |
| | | | | | | | | 1981 | | | | | 1981 | | 1981 | | | |
| 1966 | 1 | PROC & ARB | 1 | 0 | 101 | 1391 | | 2 | 0 | 1.7 | 245 | 1.7 | 18.0 | | | | C-11715 | |
| 1981 | U | PROD&SMS | 1 | 0 | 110 | 110 | | 1 | 0 | 3.1 | 85.0 | 3.1 | 3.1 | | | | CR-5815 | |
| 1969 | T | PROD & GRAV | 1 | 0 | 155 | 1037 | | 2 | 0 | 3.8 | 121 | 2.0 | 41.2 | | | | C-15218 | |
| 1972 | T | PROD | 1 | 0 | 53.9 | 348 | | 1 | 0 | 2.3 | 33.4 | 1.1 | 13.0 | | | | C-16052 | |
| 1972 | T | PROD | 2 | 0 | 82.9 | 5269 | | 3 | 0 | 3.8 | 291 | 3.8 | NR | | | | CR10775 | |
| 1959 | T | PROD | 1 | 0 | 89.9 | 2544 | | 2 | 0 | 3.0 | 332 | 3.0 | NR | | | | C-5561 | |
| 1974 | U | PROD | 1 | 0 | 28.2 | 230 | | 1 | 0 | 7.7 | 40.5 | 7.2 | 23.3 | | | | C-17269 | |
| 1966 | T | PROD | 1 | 0 | 49.3 | 512 | | 6 | 0 | 4.1 | 463 | 0 | 18.7 | | | | C-5387 | |
| 1960 | T | PROD | 1 | 0 | 71.7 | 1965 | | 1 | 0 | 1.1 | 87.8 | 1.1 | 83.8 | | | | C-3272 | |
| 1981 | T | PROD | 1 | 0 | 16.6 | 16.6 | | 5 | 0 | 2.0 | 429 | 0 | NR | | | | CR-3828 | |
| NR | T | PROD | 3 | 0 | 335 | 4588 | | 11 | 0 | 28.9 | NR | 28.9 | NR | | | | C-7208 C-3421 | |
| 1977 | U | PROD | 1 | 0 | 100 | 400 | | 2 | 0 | 4.3 | 10.8 | 4.3 | 10.8 | | | | CR-5774 | |
| 1965 | U | PROD | 1 | 0 | 7.2 | NR | | 1 | 0 | 0.2 | 21.0 | 0 | NR | | | | C-12012 | |
| 1975 | U | PROD | 1 | 2 | 28.3 | NR | | 7 | 0 | 4.8 | NR | NR | NR | | | | C-17845 | |
| 1966 | U | PROD | 2 | 0 | 5.8 | 4045 | | 3 | 0 | 2.3 | 81.2 | 2.3 | 81.2 | | | | C-8476 | |
| 1973 | U | PROD | 2 | 0 | 130 | 1000 | | 6 | 0 | 6.2 | 128 | 6.2 | 128 | | | | C-17067 | |
| 1961 | U | PROD | 1 | 0 | 54.7 | 856 | | 2 | 0 | 1.6 | 169 | 1.6 | 21.4 | | | | C-8604 | |
| 1971 | U | PROD & DAK | 2 | 0 | 90.0 | 1137 | | 2 | 0 | 2.0 | 51.9 | NR | NR | | | | C-15942 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- ----- |
|--|------------------------|-----------------------|-------------------|---|
| BARTON COUNTY ===== | | | | |
| FT. ZARAH FIELD ----- | | | | |
| LADD PETROLEUM (KS) 30-15S12W | C-17199 | HARRIS A | W LKC | 3128 70 43.0 |
| W.L. HARTMAN 30,31-19S12W | C-17192 | KOHLER | W LKC | 3118 240 38.0 |
| W.L. HARTMAN 30-15S12W | C-11427 | HARRIS | W LKC | 3139 60 40.0 |
| GREAT BEND AIRPORT FIELD ----- | | | | |
| PETROLEUM MANAGEMENT 26-19S14W | C-5366 | GREAT BEND AIRPORT | D LKC | 3188 240 37.0 |
| HALL-GURNEY FIELD ----- | | | | |
| NCRA 32-15S12W 5,6-16S12W | C-14582 | NW BEAVER UNIT | W LAN&TOP | 2835 15 NR |
| HAMMEKE WEST FIELD ----- | | | | |
| NADEL & GUSSMAN 18-15S11W | C-8335 | HAMMEKE | LKC | 3142 10 38.0 |
| HAMMER FIELD ----- | | | | |
| LADD PETROLEUM (KS) 35,36-16S12W | C-9812 | HAMMER WF | D LKC | 3100 220 38.0 |
| HEIZER SOUTHWEST FIELD ----- | | | | |
| FOUR-WAY OPERATING 28,29-19S14W | C-6983 | HALL | W LANS | 3198 236 35.0 |
| HISS FIELD ----- | | | | |
| BARUCH FOSTER 30-20S13W | C-12894 | MCGREEVY | W LANS | 3290 20 38.0 |
| BROUGHER OIL 29-20S13W | C-5970 | MURPHY | D LKC | 3150 225 36.5 |
| W.BROWN & G.E. ROGER 30-20S13W | C-13421 | MCGREEVY | W LKC | 3214 40 32.0 |
| HISINGTON FIELD ----- | | | | |
| ALADDIN PETROLEUM 21-17S13W | C-5560 | SODERSTRON | KC | NR NR NR |
| KNOP FIELD ----- | | | | |
| ENERGY RESERVES 9-19S12W | C-16524 | KNOP WFS | W LKC | 3130 240 39.6 |
| KRAFT-PRUSA FIELD ----- | | | | |
| COASTAL OIL & GAS 29-16S11W | C-9560 | ESFELD | D CCUG | 2960 15 36.0 |
| FOUR-WAY OPERATING 17-16S11W | C-11520 | NEY | W LANS | 3006 304 33.0 |
| GETTY OIL 30-16S11W | C-13453 | E.F. ESFELD | W DOUGLAN | 2965 15 40.0 |

| INJECTION DATA | | | | | | PRODUCTION DATA | | | | | | PROJECT | | | | | |
|----------------|------|------------|-------|-----|--------------|-----------------|-----|-------------|-------|------|-------------|----------|-----|---------|---------|-------|----|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | ENHANC | PROD | NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR(MMCF) | TOT | NEW | MB OR(MMCF) | 1982 | CUM | | | | |
| | | | | | 1982 | | | | | | | 1982 | | 1982 | | | |
| | | | | | 1981 | | | | | | | 1981 | | 1981 | | | |
| 1974 | T | PROD | 0 | 0 | 0 | 0 | 1 | 0 | 0.3 | 176 | 0 | 0 | 2 | C-17199 | | | |
| 1974 | T | PROD | 1 | 0 | 140 | 1575 | 4 | 1 | 2.7 | 25.9 | 0.8 | 4.5 | | | C-17192 | | |
| 1964 | M | WAT SD | 1 | 0 | 1.0 | 336 | 2 | 0 | 1.5 | 47.5 | 0.2 | 23.7 | | | C-11427 | | |
| 1957 | | PROD | 1 | 0 | 41.0 | 1755 | 3 | 0 | 1.2 | 66.6 | 1.2 | 66.6 | | | C-5366 | | |
| 1968 | T | PROD | 7 | 0 | 783 | 10871 | 16 | 0 | 26.9 | 969 | 11.3 | 350 | | | C-14582 | | |
| 1961 | | NR | 0 | 0 | 0 | 485 | 2 | 0 | 2.3 | NR | 0 | NR | 2 | C-8335 | | | |
| 1963 | U | PROD & FR | 0 | 0 | 0 | 3836 | 14 | 0 | 48.3 | 385 | 0 | 0 | 2 | C-9812 | | | |
| 1959 | L | PROD | 1 | 0 | 43.8 | 677 | 1 | 0 | 0.7 | 113 | 0.7 | 28.9 | | | C-6983 | | |
| 1966 | U | PROD | 1 | 0 | 10.5 | 135 | 3 | 0 | 2.8 | 226 | 0.2 | 1.6 | | | C-12894 | | |
| NR | T | PROD | 1 | 0 | 90.0 | 1000 | 2 | 0 | 2.2 | 85.0 | 2.2 | 40.0 | | | C-5970 | | |
| 1971 | U | PROD | 1 | 0 | 102 | 1103 | 2 | 0 | 1.0 | 22.1 | 0 | 0 | | | C-13421 | | |
| NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 2 | C-5560 | | | |
| 1971 | U | PROD & DAK | 1 | 0 | 164 | 2092 | 2 | 0 | 4.2 | 102 | 3.5 | 64.1 | | | C-16524 | | |
| 1963 | U | PROD | 1 | NR | 0 | 1066 | 4 | 0 | 4.0 | 1296 | NR | NR | 16 | C-9560 | | | |
| 1965 | U | PROD & ARB | 1 | 0 | 18.3 | 334 | 1 | 0 | 0.7 | 183 | 0.7 | 20.3 | | | C-11520 | | |
| 1967 | T | PROD | 1 | 0 | 214 | 3375 | 3 | 0 | 4.8 | 647 | 4.8 | 154 | | | C-13453 | | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- | |
|--|------------------------|-----------------------|-------------------|--|---------------|
| BARTON COUNTY | | | | | |
| KRAFT-FRUSA FIELD | | | | | |
| GULF 29-16S11W | C-12275 | JOSEPH | W | DOUG | 2995 NR 40.1 |
| HAZEN OIL 22-16S12W | C-11293 | MORGAN "B" | W | LANS | NR NR NR |
| NCRA 24-16S12W | C-9163 | DOLECHEK ESTATE | W | GOR | 3339 20 42.1 |
| PETROLEUM MANAGEMENT 30-16S11W | C-16846 | OESEN | D | LKC | 3057 NR 38.0 |
| ROBINOWITZ OIL 31-16S11W | C-15222 | ZORN | W | DOUG | 2970 12 39.7 |
| SAMSON RESOURCES 36-16S11W | C-12991 | KRIER | W | CCUG | 2980 8 36.0 |
| TENNECO 22-16S12W | C-15196 | JOHN RIEMANN "B" | LKC | NR | NR NR |
| MARY A FIELD | | | | | |
| MURFIN DRILLING 23-17S15W | C-14882 | MARY AXMAN | W | LKC | 3414 14 40.0 |
| MATER FIELD | | | | | |
| MURFIN DRILLING 11-17S15W | C-17144 | MATER WF | W | LKC | 3142 20 37.0 |
| NEY SOUTHWEST FIELD | | | | | |
| BLG OIL 2-16S13W | C-11059 | RUDE | D | LANS | 3100 5 38.0 |
| NUSS SOUTH FIELD | | | | | |
| L.G. STEPHENSON 3,4-16S14W | CR-5773 | POPP | P | LANS | 3181 5 35.9 |
| PRAIRIE VIEW FIELD | | | | | |
| SOUTHERN STATES OIL 20-19S11W | C-13049 | JOHN SCHARTZ WF | W | LKC | 3200 150 38.0 |
| TEXACO 20-19S11W | C-4418 | SCHARTZ B | W | LKC | NR NR NR |
| PRITCHARD FIELD | | | | | |
| PHILLIPS PETROLEUM 36-20S14W | C-7104 | WEST HISS LKCU | W | LKC | 3350 50 40.0 |
| TEXACO 34,35-20S14W | C-18207 | PRITCHARD UNIT | W | LANS | 3450 40 33.6 |
| PUTMAN WEST FIELD | | | | | |
| MURFIN DRILLING 12-17S14W | C-17155 | WILLIAMS WF | W | LKC | 3214 30 36.0 |
| ROESLER FIELD | | | | | |
| FOUR QUEENS PETRO 12-18S11W | CR-7791 | J. MILLER | P | ARB | 3282 NR 36.5 |
| NADEL & GUSSMAN 15-18S11W | C-13249 | BIEBERLE | W | KC | 3025 10 45.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | PROJECT | |
|----------------|-----|------------|-------|-----|--------------|------|-------|-----|-------------|-----------------|--------|------|-------|---------|---------|
| FIRST YR | TYP | SOURCE | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC | PROD | NOTES | NO | |
| | | | TOT | NEW | MB OR (MMCF) | | TOT | NEW | MB CR(MMCF) | | | | | | |
| | | | | | 1982 | CUM | | | 1982 | CUM | | | | | |
| | | | | | (981) | | | | | (981) | | | | | |
| 1966 | L | PROD | 1 | 0 | 173 | 2943 | 7 | 0 | 7.0 | 279 | 7.0 | 279 | | | C-12275 |
| NR | T | PROD | 1 | 0 | 115 | 1715 | 3 | 0 | 2.2 | NR | 2.2 | 25.8 | | | C-11293 |
| 1962 | M | PROD | 1 | 0 | 73.7 | 2068 | 3 | 0 | 4.1 | 199 | 0 | 91.1 | | | C-9163 |
| 1972 | T | LKC&QUAT | 2 | 0 | 212 | 3420 | 12 | 1 | 30.3 | 2480 | 27.1 | 2444 | | | C-16846 |
| NR | U | PROD | 1 | 0 | 46.7 | NR | 4 | 0 | 2.0 | 435 | 0 | NR | | | C-15222 |
| 1966 | T | PROD | 1 | 0 | 152 | 2836 | 5 | 0 | 4.3 | 827 | 3.6 | 104 | | | C-12991 |
| NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 | | C-15196 |
| 1969 | T | PROD | 1 | 0 | 14.2 | 1392 | 2 | 0 | 2.2 | 60.0 | NR | NR | | | C-14882 |
| 1974 | T | PROD | 2 | 0 | 142 | 1144 | 4 | 0 | 2.2 | 314 | NR | NR | | | C-17144 |
| 1964 | U | PROD | 1 | 0 | 7.3 | 315 | 1 | 0 | 0.5 | 17.2 | 0.6 | 17.2 | | | C-11059 |
| 1977 | U | PROD | 1 | 0 | 0.1 | 27.8 | 1 | 0 | 0.9 | 9.3 | 0 | NR | | | CR-5773 |
| 1956 | M | PROD & FR | 1 | 0 | 521 | 3356 | 4 | 0 | 5.7 | 78.2 | 5.7 | 78.2 | | | C-13049 |
| NR | T | PROD | 1 | 0 | 10.2 | NR | 1 | 0 | 1.9 | 7.9 | 0 | 0 | | | C-4418 |
| 1959 | M | PROD & FR | 2 | 0 | 373 | 8318 | 4 | 0 | 5.2 | 1171 | 3.1 | 198 | | | C-7104 |
| 1976 | M | PROD & FR | 5 | 0 | 527 | 3144 | 5 | 0 | 24.5 | 165 | 20.2 | 127 | | | C-18207 |
| 1973 | M | PROD & DAK | 1 | 0 | 186 | 1042 | 3 | 0 | 3.0 | 76.0 | NR | NR | | | C-17155 |
| NR | L | PROD | 1 | 0 | 9.5 | NR | 1 | 0 | 0.6 | NR | NR | NR | | | CR-7791 |
| 1967 | F | SH FR | 1 | 0 | 5.7 | 284 | 2 | 0 | 2.6 | NR | 1.7 | NR | | | C-13249 |

| OPERATOR ----- LOCATION | PROJECT ----- NO | PROJECT NAME ----- | TYP ----- PRJ | OIL PRODUCING ZONE | | | |
|--|------------------------|-----------------------|---------------------|--------------------|---------|-------|----------|
| | | | | NAME | DEPTH | THK | GRAV |
| | | | | ----- | ----- | ----- | ----- |
| BARTON COUNTY ===== | | | | | | | |
| ROESLER WEST FIELD ===== | | | | | | | |
| ENERGY RESERVES 15-18S11W | C-16593 | KAISER WFS | | W | LKC | 3025 | 225 42.3 |
| ROLLING GREEN EAST FIELD ===== | | | | | | | |
| PAULINE BYARS OIL 31-2CS12W | CR-2789 | TAMMEN | | W | LKC | 3221 | 168 37.0 |
| SOUTHERN STATES OIL 25-20S13W | C-15193 | LONNON B | | P | LKC | 3258 | 32 37.0 |
| SANDROCK FIELD ===== | | | | | | | |
| GULF 27,34-20S13W | C-12586 | ENGLEMAN-MCDONALD | | W | KC | 3261 | 54 30.0 |
| MULTISTATE OIL PROP. 27,28-20S13W | C-9838 | SANDROCK UNIT | | P | LKC | 3400 | 20 30.0 |
| PHILLIPS PETROLEUM 28-20S13W | C-13215 | PURSEL | | W | LKC | 3300 | 15 30.0 |
| SCHAEFFER-ROTHGRAN FIELD ===== | | | | | | | |
| GULF 36-2CS13W | CR-6815 | SCHARTZ A | | D | KC | 3262 | 183 NR |
| SCHENK FIELD ===== | | | | | | | |
| ENERGY RESERVES 29-17S14W | C-18613 | SCHENK WF | | W | LKC | 3149 | 214 36.5 |
| ST. PETER FIELD ===== | | | | | | | |
| SHELLEY OIL 32,33-18S11W 5-19S11W | C-11630 | ROBL UNIT | | D | LANS | 2912 | 216 37.0 |
| TEXACO 32-18S11W | C-11909 | ST.PETER UNIT | | W | LANS&PL | 2900 | NR 42.0 |
| ST. PETER EAST FIELD ===== | | | | | | | |
| NADEL & GUSSMAN 3,4-19S11W | C-14055 | BIRZER | | W | LKC | 3100 | 50 41.0 |
| NADEL & GUSSMAN 34-18S11W | C-12861 | JOHANNING | | W | KC | 3060 | 10 40.0 |
| PETROLEUM ENERGY | CR-2816 | BIRZER B | | W | CONGL | 3342 | 32 NR |
| 34-18S11W | | | | | | | |
| SUN VALLEY FIELD ===== | | | | | | | |
| SOUTHERN STATES OIL 7-20S12W | CR-1813 | SCHARTZ | | P | LKC | 3368 | NR NR |
| SUNNY VALLEY FIELD ===== | | | | | | | |
| CARL W. BOXBERGER 18-20S12W | C-1810E | BATCHMAN | | D | LKC | 3177 | 10 36.0 |
| TRAPP FIELD ===== | | | | | | | |
| COASTAL OIL & GAS 24-16S14W | C-16089 | SIEMSEN | | D | LKC | 3217 | 14 35.0 |

| FIRST YR | TYPE WTR | SOURCE | INJECTION DATA | | | | PRODUCTION DATA | | | | | | PROJECT | | | |
|-------------|-------------|-------------|----------------|-----|--------------|------|-----------------|-----|----------|-------------|--------|-----|---------|-------------------|---------|---------|
| | | | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC | | PROD | NOTES | | |
| | | | TOT | NEW | MB OR (MMCF) | 1982 | CUM | TOT | NEW | MB OR(MMCF) | 1982 | CUM | | | | |
| | | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | | | |
| 1972 | U | PROD & DAK | 2 | 0 | 112 | 2164 | | 4 | 0 | 3.9 | 165 | 2.6 | 110 | C-16593 | | |
| 1978 | U | PROD & ARB | 1 | 0 | 7.3 | 27.5 | | 1 | 0 | 1.9 | 102 | 1.9 | 7.7 | CR-2789 | | |
| 1969 | T | PROD | 1 | 0 | 4.2 | 148 | | 3 | 0 | 3.3 | 49.7 | 3.3 | 49.7 | C-15193 | | |
| 1966 | U | PROD | 2 | 0 | 168 | 2183 | | 3 | 0 | 4.2 | 302 | 4.2 | 302 | C-12586 | | |
| 1962 | T | PROD | 1 | 0 | 132 | NR | | 3 | 0 | 5.4 | NR | 4.4 | NR | C-9838 | | |
| 1967 | M | PROD & SHFR | 2 | 0 | 127 | 2865 | | 3 | 0 | 2.2 | 386 | 0.8 | 120 | C-13215 C-6478 | | |
| 1981 | U | PROD | | 1 | 0 | 52.0 | 52.0 | | 2 | 0 | 3.0 | 3.0 | 0 | 0 | CR-6815 | |
| 1977 | U | PROD & ARB | 0 | 0 | 0 | 207 | | 3 | 0 | 0.9 | 12.4 | 0.6 | 5.1 | 2 | C-18613 | |
| 1965 | T | PROD | | 1 | 0 | 11.8 | 2115 | | 8 | 0 | 13.3 | NR | 12.6 | 378 | C-11630 | |
| 1962 | U | PROD | | 4 | 0 | 201 | 5085 | | 6 | 0 | 6.7 | 392 | 6.7 | 239 | C-11909 | |
| 1968 | M | PROD & SHFR | 2 | 0 | 73.3 | 1742 | | 2 | 0 | 1.0 | NR | 1.0 | NR | C-14055 | | |
| 1966 | M | PROD & SH | 3 | 0 | 175 | 2030 | | 5 | 0 | 6.5 | NR | 6.5 | NR | C-12861 | | |
| NR | U | PROD | | 1 | 1 | 0.2 | NR | | 2 | 0 | 19.5 | NR | 56.0 | NR | CR-2816 | |
| NR | NR | | | 1 | 0 | 68.1 | 68.1 | | 2 | 0 | 2.1 | 2.1 | 2.1 | 2.1 | CR-1813 | |
| 1976 | M | PROD & FR | 1 | 0 | 38.6 | 415 | | 1 | 0 | 0.5 | 34.2 | 0.5 | 7.2 | C-18106 | | |
| 1971 | U | PROD | | 1 | NR | 125 | 1823 | | 2 | 0 | 2.2 | 452 | NR | NR | 17 | C-16089 |

| OPERATOR ----- LOCATION | PROJECT ----- NO | PROJECT NAME ----- | TYP ----- PRJ | OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV | | |
|---|------------------------|-----------------------|---------------------|--|------|----------|
| BARTON COUNTY ===== | | | | | | |
| TRAPP FIELD ----- | | | | | | |
| EARL ALLEN 32-16S13W | C-12144 | FJ SCHREIBER | P | KC | 3100 | 40 36.0 |
| JOHN S. MARTIN 15-17S13W | C-14759 | OLTAMANNS | D | LANS | 3230 | 4 38.5 |
| KAISER-FRANCIS 19-16S13W | CR-9797 | SUSANK | | ARB | NR | NR NR |
| PETROLEUM INC 13,14-16S14W | C-16882 | TRAPP UNIT | W | LKC | 3130 | 27 35.8 |
| SAMSON RESOURCES 2-16S14W | C-11517 | SCHNEIDER "C" WF | W | LANS | 3082 | NR 37.0 |
| SIERRA PETROLEUM 22-16S13W | C-16787 | WILBORN LKC UNIT | W | LKC&TOP | 3121 | 64 39.0 |
| THORNTON E. ANDERSON 26-16S13W | C-18247 | PUTNAM | W | LKC | 3123 | 145 36.0 |
| TWO-EIGHTY ONE FIELD ----- | | | | | | |
| CITCO 17-16S14W | C-15821 | EVELEIGH "C" | D | LKC | 3188 | 12 37.6 |
| WCRKMAN FIELD ----- | | | | | | |
| GULF 14-20S12W | C-11972 | BUCKBEE | W | ARB | 3373 | 28 39.0 |
| WCRKMAN NORTH FIELD ----- | | | | | | |
| PETROLEUM INC 16-20S12W | C-15842 | HULME G-I | P | LKC | 3160 | 52 40.4 |
| WCRKMAN NORTHWEST FIELD ----- | | | | | | |
| MURFIN DRILLING 15-20S12W | C-17247 | BUCKBEE-HULME | P | ARB | 3370 | 51 38.0 |
| TEXACO 15-20S12W | CR-3801 | L. BUCKBEE B | W | ARB | 3368 | 50 38.5 |
| BARTON-RICE COUNTIES ===== | | | | | | |
| MARY IDA FIELD ----- | | | | | | |
| SOHIO PETROLEUM 31-18S10W 36-18S11W | C-9151 | MARY IDA UNIT | W | LKC | 3100 | 21 39.6 |
| BARTON-STAFFORD COUNTIES ===== | | | | | | |
| BART-STAFF FIELD ----- | | | | | | |
| NCRA 33-20S14W 5-21S14W | C-10131 | DORFSHAFFER-MCGREEVY | W | LANS | 3330 | 15 30.5 |
| SHAEFFER NORTHEAST FIELD ----- | | | | | | |
| GULF 35-20S13W 3-21S13W | C-13810 | SHARP A & B | W | KC&ARB | 3517 | 206 34.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | PROJECT | | | | | | | | |
|----------------|-----|-------------|-------|-----|--------------|---------|-----|-------------|-------|-----------------|-------------|----------|---|--------|------------|----|--|--|--|--|--|--|--|
| FIRST YR | TYP | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | ENHANC | PROD NOTES | NO | | | | | | | |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | TOT | NEW | MB OR(MMCF) | | | | | | | | | | | | |
| | | | 1982 | CUM | 1982 | 1982 | CUM | 1982 | 1981 | CUM | 1981 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| 1965 | U | PROD | 1 | 0 | 180 | 2211 | 7 | 0 | 8.8 | 137 | 8.8 | 134 | | | C-12144 | | | | | | | | |
| NR | T | PROD | 1 | 0 | 40.2 | NR | 2 | 0 | 4.5 | NR | 4.5 | NR | | | C-14759 | | | | | | | | |
| NR | | NR | 1 | 0 | 47.1 | 83.6 | 3 | 0 | 5.7 | 504 | 0 | NR | | | CR-5797 | | | | | | | | |
| 1973 | T | PROD & CEDH | 1 | 0 | 17.6 | 192 | 2 | 0 | 2.7 | 214 | 2.7 | 35.1 | | | C-16882 | | | | | | | | |
| 1965 | U | PROD | 1 | 0 | 16.4 | 480 | 4 | 0 | 5.2 | 934 | 0.9 | 13.1 | | | C-11517 | | | | | | | | |
| 1972 | M | PROD & DAK | 0 | 0 | 0 | 0.4 | 5 | 0 | 2.8 | 446 | 2.8 | 446 | 5 | | C-16787 | | | | | | | | |
| 1976 | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 | | C-18247 | | | | | | | | |
| 1970 | U | PROD | 1 | 0 | 18.8 | 240 | 1 | 0 | 4.8 | 304 | 4.8 | 10.4 | | | C-15821 | | | | | | | | |
| 1965 | U | PROD | 1 | 0 | 2.6 | 98.2 | 1 | 0 | 1.0 | 54.3 | 1.0 | 54.3 | | | C-11972 | | | | | | | | |
| 1971 | T | PROD | 1 | 0 | 63.3 | 909 | 3 | 0 | 6.3 | 618 | 6.3 | 133 | | | C-15842 | | | | | | | | |
| 1974 | T | PROD | 1 | 0 | 78.8 | 378 | 5 | 0 | 5.5 | 274 | NR | NR | | | C-17247 | | | | | | | | |
| 1980 | U | PROD | 1 | 0 | 2.9 | 5.8 | 2 | 0 | 3.3 | 112 | 0 | 0 | | | CR-3801 | | | | | | | | |
| 1962 | M | PROD & FR | 8 | 0 | 508 | 11919 | 8 | 0 | 17.7 | 1125 | 17.7 | 961 | | | C-9151 | | | | | | | | |
| 1963 | T | PROD | 2 | 0 | 102 | 3598 | 5 | 0 | 7.6 | 409 | 2.1 | 236 | | | C-10131 | | | | | | | | |
| 1967 | U | PROD | 1 | 0 | 15.9 | 993 | 5 | 0 | 4.4 | 333 | 4.4 | 333 | | | C-13810 | | | | | | | | |

| OPERATOR | PROJECT | PROJECT NAME | TYP | OIL PRODUCING ZONE | | | |
|-------------------------------------|---------|----------------------|-----|--------------------|-------|-----|------|
| LOCATION | NO | | PRJ | NAME | DEPTH | THK | GRAV |
| BOURBON COUNTY | | | | | | | |
| BRONSON-XENIA FIELD | | | | | | | |
| DEE EASTWOOD 1-25S21E | C-17329 | BRONSON | | BARTL | NR | NR | 31.0 |
| HILLENBURG OIL 31,36-24S22E | C-17316 | WOODWARD B | W | BARTL | 660 | 10 | 28.0 |
| HILLENBURG OIL 6-24S22E | CR10781 | FOOSE | W | BARTL | 650 | 12 | 25.0 |
| HILLENBURG OIL 12,13-25S21E | C-12914 | WOODWARD A | W | BARTL | 661 | 18 | 31.0 |
| HILLENBURG OIL 36-24S21E | C-14503 | HUMPHREY | W | BARTL | 661 | 18 | 30.0 |
| HILLENBURG OIL CO 7-24S22E | CR-4785 | ERMEL D | W | BARTL | 650 | 14 | 31.0 |
| HILLENBURG OIL CO 18-24S22E | CR-4785 | ERMEL B | W | BARTL | 650 | 12 | 30.0 |
| HILLENBURG OIL CO 18-24S22E | CR-4785 | ERMEL A | W | BARTL | 650 | NR | 30.0 |
| HILLENBURG OIL CO 19-24S22E | CR-4785 | THOMPSON UNIT | | BARTL | 640 | 8 | 31.0 |
| T.E. BIRD 25-24S21E | C-14355 | COLLINS UNIT | W | CATTLE | 610 | 16 | 32.0 |
| FEAGINS FIELD | | | | | | | |
| MID CON ENERGY 6-24S23E | C-17434 | FEAGINS | W | SGUIR | 160 | 13 | 30.5 |
| HEPLER FIELD | | | | | | | |
| JIM'S WATER SERV 24-27S21E | CR-4809 | HEPLER WF | W | TUCKER | 630 | 10 | 26.0 |
| WALTER CUNCAN OIL 24-27S21E | C-8780 | HEPLER | W | BAR&TUC | 675 | 29 | 26.0 |
| 19-27S22E | | | | | | | |
| IRISH VALLEY FIELD | | | | | | | |
| REESE EXPLORATION 27-24S22E | CR98117 | MIX | P | BARTL | 420 | 10 | NR |
| MAPLETON FIELD | | | | | | | |
| REESE EXPLORATION 22-23S23E | CR98114 | CROMER | D | BARTL | 420 | 10 | NR |
| BUTLER COUNTY | | | | | | | |
| AUGUSTA FIELD | | | | | | | |
| CITCO 2-28S 4E | C-17901 | AUGUSTA UNIT SIMPSON | W | SIMP | 2568 | 11 | UNK |
| CITCO 2,10,11,14,15-28S 4E | C-10415 | AUGUSTA UNIT | W | KC | 2050 | 6 | 36.0 |
| CITCO 35-27S 4E | C-9719 | SKAER-STARKEY | W | KC | 2030 | 5 | 36.0 |
| F. GAINES & TOWN & C 26,35-27S4E | C-11212 | HOOPES | | KC | NR | NR | NR |

| INJECTION DATA | | | | | | | PRODUCTION DATA | | | | | | | PROJECT | | |
|----------------|-----|-------------|-------|-----|--------------|-------|-----------------|-----|----------|-------------|--------|------|-------|---------|------|--------------------|
| FIRST YR | TYP | SOURCE | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC | PROD | NOTES | NO | | |
| | | | TOT | NEW | MB OR (MMCF) | 1982 | CUM | TOT | NEW | MB OR(MMCF) | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | 1981 | | | | 1981 | | | | | 1981 | |
| NR | U | PROD | 10 | 0 | 91.3 | | | NR | 16 | 0 | 2.7 | | | | | C-17329 |
| 1978 | T | MISS | 4 | 0 | 30.3 | | | NR | 5 | 0 | 4.0 | 11.2 | 0.3 | NR | | C-17316 |
| 1978 | T | PROD & MISS | 5 | 0 | 45.6 | 119 | | 7 | 0 | 2.6 | 11.0 | 3.2 | 8.6 | | | CR10781 |
| 1966 | T | MISS | 14 | 0 | 511 | | | NR | 18 | 0 | 9.0 | NR | 6.7 | NR | | C-12914 |
| 1966 | T | MISS | 14 | 4 | 438 | | | NR | 42 | 4 | 16.8 | NR | 12.4 | NR | | C-14503 |
| NR | T | PROD&MISS | 3 | 0 | 54.8 | | | NR | 9 | 0 | 1.9 | 10.5 | 1.2 | NR | | CR-4785 |
| 1980 | T | MISS | 6 | 1 | 32.9 | | | NR | 19 | 0 | 10.9 | NR | 5.9 | NR | | CR-4785 |
| NR | | NR | 0 | 0 | 0 | | | 0 | 13 | 10 | 2.5 | 2.5 | 0 | 0 | | CR-4785 |
| NR | | NR | 0 | 0 | 0 | | | 0 | 20 | 20 | 5.2 | 5.2 | 0 | 0 | | CR-4785 |
| 1968 | | NR | 0 | 0 | 0 | 923 | | 8 | 2 | 2.1 | 82.5 | NR | NR | 2 | | C-14355 C-14061 |
| 1954 | M | FR | | | | NR | NR | NR | NR | NR | NR | NR | NR | NR | | C-17434 |
| 1980 | F | PROD&MISS | 17 | 0 | 80.0 | 100 | | 22 | 0 | 4.4 | 4.9 | 0 | 0 | | | CR-4809 |
| 1961 | U | PROD & MISS | 27 | 0 | 37.8 | 4930 | | 35 | 0 | 1.3 | 490 | 1.3 | 490 | | | C-8780 |
| 1981 | U | PROD | 2 | 2 | 1.2 | | | NR | 17 | 17 | 0.8 | NR | 0 | NR | | CR98117 |
| 1982 | U | PROD | | | | NR | NR | NR | NR | NR | 0.4 | NR | NR | NR | 4 | CR98114 |
| 1974 | U | PROD | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 | C-17901 |
| 1963 | T | PROD | 17 | 0 | 1704 | 37409 | | 19 | 1 | 13.8 | 3064 | 13.8 | 1135 | | | C-10415 |
| 1962 | U | PROD & APB | 12 | 0 | 1163 | 22197 | | 9 | 0 | 12.4 | 765 | 12.4 | 763 | | | C-9719 |
| NR | | NR | | | | NR | NR | | | NR | NR | NR | NR | NR | 5 | C-11212 |

| OPERATOR LOCATION | PROJECT NO | PROJECT NAME | TYP PRJ | OIL PRODUCING ZONE | | | | | | |
|---|---------------|----------------------|------------|--------------------|-------|-----|------|--|--|--|
| | | | | NAME | DEPTH | THK | GRAV | | | |
| BUTLER COUNTY | | | | | | | | | | |
| ALGUSTA FIELD | | | | | | | | | | |
| HAMMER & MACLEAN 35-27S 4E 2-28S 4E | C-12240 | AMBLER & MOYLE | P | KC | 2062 | 10 | 35.0 | | | |
| HAMMER & MACLEAN 26-27S 4E | C-16242 | SAFFORD MAN ET AL | D | KC | 2040 | 10 | 32.0 | | | |
| JIMMY RAZOOK 10-27S 4E | C-2187 | J.H. SUITS | P | KC | NR | NR | 36.0 | | | |
| LYMAN DAVID 12-28S 4E | C-15786 | BOHANNON & LEE-PRIER | W | KC | 2200 | 20 | 34.0 | | | |
| ALGUSTA NORTH FIELD | | | | | | | | | | |
| R.R. ABCERHALDEN 9,10,15,25-27S 4E | CR12782 | BATES-ANDERSON-KING | D | KC | 2200 | 14 | 34.0 | | | |
| ROBERT F. WHITE 21-27S 4E | C-2120 | FOSTER | D | KC | 2000 | 20 | 34.0 | | | |
| BALLARD FIELD | | | | | | | | | | |
| METRO OIL 5-25S 3E | C-18550 | KAUFMAN B | W | MISS | 2760 | 4 | 40.0 | | | |
| BERNDSEN FIELD | | | | | | | | | | |
| J.A. ALLISON 15-26S 4E | C-15390 | BERNDSEN | P | SIMP | 2448 | 28 | 39.0 | | | |
| LITTLE J.E.W. OIL 15-26S 4E | C-14985 | TURNER | D | MISS | 2475 | 8 | 37.0 | | | |
| BLANKENSHIP FIELD | | | | | | | | | | |
| LADD PETROLEUM (KS) 9-26S 8E | C-2672 | DUNNE | P | BARTL | 2400 | 20 | 35.0 | | | |
| LADD PETROLEUM (KS) 17-26S 8E | CR-6784 | DUNNE A | P | BARTL | 2600 | 21 | 38.0 | | | |
| SACO OIL 29-26S 08E | CR97910 | DRUMM | P | CATT | 2625 | 10 | 35.0 | | | |
| BLANKENSHIP FIELD | | | | | | | | | | |
| TEICHGRAEBER OIL 17-26S 8E | CR28018 | DUNNE B | W | BARTL | 2706 | 20 | 35.0 | | | |
| BRANDT-SENSENBAUGH FIELD | | | | | | | | | | |
| J.E. MORRIS ETAL 23-28S 7E | C-6105 | BREWER | D | PERU | 2350 | 10 | NR | | | |
| WHITE & ELLIS DRLG 6,23-28S 7E | C-15259 | RAMP | D | PERU | 2450 | 10 | 38.0 | | | |
| DE MOSS FIELD | | | | | | | | | | |
| REX & MORRIS DRLG 5,7,8-28S 7E | C-11136 | DE MOSS | W | BARTL | 2650 | 40 | 40.0 | | | |
| ECKEL NORTHEAST FIELD | | | | | | | | | | |
| REX & MORRIS DRLG 5,6-27S 7E | C-13958 | HENN | W | KC | 2025 | 10 | 37.0 | | | |
| EL DORADO FIELD | | | | | | | | | | |
| CITCO 29,32-25S 5E | C-13973 | STAPLETON SIMPSON | W | SIMP | 2440 | 19 | 36.0 | | | |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|------|-------------|-------|-----|--------------|---------|-----|-------------|-------|-----------------|-------------|----------|------|-----|--------|---------|---------|----|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD | NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR(MMCF) | TOT | CUM | MB OR(MMCF) | CUM | --- | --- | | | | |
| | | | | | 1982 | | | 1982 | | 1982 | | | 1982 | | 1982 | | | |
| | | | | | 1981 | | | 1981 | | 1981 | | | 1981 | | 1981 | | | |
| 1965 | U | PROD | 4 | 0 | 246 | 5489 | 7 | 0 | 5.4 | 163 | 5.4 | 163 | | | | C-12240 | | |
| 1971 | U | PROD | 2 | 0 | 211 | 2117 | 3 | 0 | 2.6 | 28.0 | 2.6 | 28.0 | | | | C-16242 | | |
| 1975 | T | PROD | 4 | 0 | 703 | NR | 10 | 0 | 21.9 | NR | 11.0 | NR | | | | C-2187 | | |
| 1963 | T | PROD | 1 | 0 | 102 | NR | 3 | 0 | 3.1 | NR | 2.0 | NR | | | | C-15786 | | |
| NR | T | PROD | 1 | 0 | 50.0 | NR | 7 | 0 | 6.3 | NR | 6.3 | NR | | | | CR12782 | | |
| 1941 | U | PROD | 1 | 0 | 190 | 11490 | 5 | 0 | 5.0 | 1000 | 3.2 | 151 | | | | C-2120 | | |
| 1976 | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | | 5 | C-18550 | |
| 1970 | T | PROD | 1 | 0 | 47.5 | 1295 | 8 | 0 | 7.1 | 1039 | 7.1 | 519 | | | | C-15390 | | |
| 1963 | T | PROD | 1 | 0 | 0 | NR | 3 | 0 | 1.5 | 1.5 | 0 | NR | | | | C-14985 | | |
| NR | T | PROD | 1 | 0 | 22.0 | 150 | 3 | 0 | 2.9 | 118 | 1.0 | 10.0 | | | | C-2672 | | |
| 1978 | T | PROD | 1 | 0 | 18.0 | 50.0 | 1 | 0 | 1.8 | 24.0 | 0 | 6.0 | | | | CR-6784 | | |
| 1979 | U | PROD | 2 | 0 | 12.0 | NR | 13 | 1 | 14.2 | NR | 14.2 | NR | | | | CR97910 | | |
| NR | U | PROD | 1 | 0 | 26.1 | 139 | 3 | 0 | 2.9 | 15.4 | 0.2 | 1.2 | | | | CR28018 | | |
| 1958 | U | PROD & MISS | 1 | 0 | 141 | NR | 7 | 0 | NR | NR | NR | NR | | | | C-6105 | | |
| 1969 | T | PROD | 1 | 0 | 1.0 | 13.9 | 2 | 0 | 1.4 | 77.6 | 0 | NR | | | | C-15259 | | |
| 1964 | U | PROD | 2 | 0 | 256 | NR | 9 | 0 | 4.2 | NR | NR | NR | | | | C-11136 | | |
| 1967 | U | PROD | 1 | 0 | 170 | 1894 | 6 | 0 | 4.8 | 212 | 3.8 | 55.8 | | | | C-13958 | | |
| 1967 | T | PROD & ARB | 4 | 0 | 563 | 9059 | 4 | 0 | 7.3 | 1550 | 7.3 | 296 | | | | C-13973 | | |

| OPERATOR ----- LOCATION | PROJECT NO ----- | PROJECT NAME | TYP ----- PRJ | OIL PRODUCING ZONE |
|--|------------------------|---------------------|---------------------|----------------------|
| | | | | NAME DEPTH THK GRAV |
| BUTLER COUNTY | | | | |
| EL DORADO FIELD | | | | |
| CITCO 32-25S SE 4-26S SE | C-6888 | FINNEY SIMPSON | W | SIMP 2460 27 34.5 |
| CITCO 28,29,32,33-25S 5E | C-9803 | STOKES KANSAS CITY | W | KC 2000 20 36.0 |
| CITCO 17-26S 5E | C-16163 | EMPIRE LANSING | W | LANS 1700 20 36.1 |
| CITCO 1,2,11,12-26S 4E | C-10002 | ENYART L-KC | W | LKC 2000 22 36.0 |
| CITCO 21-25S 5E | C-6351 | CHESNEY-HEGBERG MP | C | ADM 650 20 37.0 |
| CITCO 21,22,28-25S 5E | C-6351 | CHESNEY KANSAS CITY | W | KC 1900 32 36.0 |
| CITCO 21,22,28-25S 5E | C-6351 | CHESNEY WHITE CLOUD | W | WHT CLD NR NR |
| DUNNE EQUITIES 29,30,32-26S 5E 25-26S 4E | C-3016 | M.A. KOOGLER | D | SIM&VIO 2400 40 33.9 |
| FOUR AND SEVEN LEASE 18-26S 5E | CR-7809 | STOWERS | D | ARB 2887 400 33.0 |
| GEAR PETROLEUM 9-26S 5E | C-2551 | PAGE | W | SIMP 3000 10 36.0 |
| GULF 11-26S 4E | C-4830 | A.J. SHUMWAY | W | KC 1975 NR 33.5 |
| Midwest Supply 18-26S 5E | CR28014 | HELLER | | SIMP NR NR NR |
| OKMAR OIL 1-26S 4E | C-13161 | FOWLER | W | KC 2040 20 33.0 |
| OKMAR OIL 16-26S 5E | C-15109 | BAKER COOP | W | LANS 1650 10 34.0 |
| RAMSEY ET AL 6-26S 5E | C-12221 | RAMSEY, ET AL | W | WHT CLD 760 10 36.0 |
| R.J. WIXSON CO. 13,18-25S 4E | C-8319 | MORGAN | W | MISS 2750 NR 40.0 |
| R.R. ABCERHALDEN 24-25S 4E | C-7084 | JACKSON "C" W.F. | W | EL DOR 650 20 33.0 |
| R.R. ABCERHALDEN 25-25S 4E | C-4575 | MITCHELL | P | EL DOR 700 20 35.0 |
| SACO OIL 3-25S 5E | C-7484 | BELTON | P | PERU 2130 14 34.0 |
| SOUTHERN STATES OIL 4-26S 5E | C-17692 | COOK | P | VICLA 2611 18 34.0 |
| SOUTHERN STATES OIL 27-25S 5E | C-8386 | MILLS | P | ELD-KC 2500 NR 35.0 |
| SOUTHERN STATES OIL | | | | |
| 32-26S 5E | C-7096 | W.E. BROWN | P | VIOLA 2692 12 31.0 |
| STELBAR OIL 2-25S 5E | C-3454 | STONE | W | PERU 2150 20 35.0 |
| STELBAR OIL 2-25S 5E | CR-1805 | PERU | W | PERU 2224 NR 38.0 |
| STELBAR OIL 2-25S 5E | C-17238 | CAMERON | P | VIOL 2503 NR NR |
| WHITE & ELLIS DRLG 19-26S 5E | C-15896 | HOUSTON | D | SIMP 2600 10 36.0 |
| WHITE & ELLIS DRLG 7-25S 5E | C-4099 | WILSON | D | MISS 2560 15 40.0 |
| WHITE & ELLIS DRLG 19-25S 5E 35-28S 5E | CR11785 | WRIGHT | D | ADMIRE 700 10 36.0 |

| INJECTION DATA | | | | | | | PRODUCTION DATA | | | | | | | PROJECT | | | | |
|----------------|-----|-------------|-------|-----|--------------|---------|-----------------|-------------|-------|------|-------------|----------|---------------|---------|---------------|------|-------|----|
| FIRST YR | TYP | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD | NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | TOT | NEW | MB OR(MMCF) | | | | | | | |
| | | | 1982 | CUM | 1982 | 1982 | CUM | 1982 | 1982 | CUM | 1982 | 1982 | CUM | | | | | |
| | | | 1981 | | | 1981 | | | 1981 | | | 1981 | | | | | | |
| 1950 | T | PROD & ARB | 9 | 0 | 1971 | 59703 | 20 | 0 | 41.0 | 4785 | 41.0 | 3035 | C-6586 C-5493 | | C-2577 | | | |
| 1962 | T | PROD & ARB | 36 | 0 | 3309 | 48180 | 36 | 2 | 82.1 | 2057 | 82.1 | 1590 | | | C-9803 | | | |
| 1971 | T | PRCD & VIOL | 4 | 0 | 386 | 3689 | 6 | 0 | 8.8 | 504 | 8.8 | 117 | | | C-16163 | | | |
| 1963 | T | PROC & ARB | 26 | 0 | 5779 | 71813 | 57 | 6 | 110 | 2271 | 110 | 2240 | | | C-10002 | | | |
| 1975 | E | NR | 19 | 0 | 242 | 2196 | 8 | 7 | 3.1 | 7728 | 3.1 | 20.1 | | | C-7869 | | | |
| 1958 | T | PROD & ARB | 23 | 0 | 2031 | 45518 | 20 | 0 | 31.8 | 2604 | 31.8 | 2557 | | | C-6351 | | | |
| NR | | | 4 | 0 | 319 | 2406 | 2 | 0 | 1.7 | 84.6 | 1.7 | 43.8 | | | C-6351 | | | |
| 1951 | U | PROD | 10 | 0 | 2154 | 79656 | 26 | 0 | 20.5 | 3464 | 20.5 | 3464 | | | C-3016 | | | |
| 1979 | U | PROD | 0 | 0 | NR | NR | 4 | 1 | NR | NR | NR | NR | 5 | | CR-7809 | | | |
| NR | L | PRCD | 2 | 0 | 40.1 | 646 | 2 | 0 | 1.4 | NR | 1.4 | NR | | | C-2551 | | | |
| 1963 | U | PROD | 6 | 0 | 1018 | 18229 | 16 | 0 | 27.8 | 815 | 27.8 | 815 | | | C-4830 | | | |
| 1980 | T | PROD | 1 | 0 | 75.0 | NR | 1 | 1 | 0.8 | NR | NR | NR | | | CR28014 | | | |
| 1966 | U | PROC & APB | 1 | 0 | 295 | 4832 | 3 | 0 | 2.6 | 69.4 | 1.3 | 58.3 | | | C-13161 | | | |
| 1969 | U | PRCD & KC | 1 | 0 | 91.5 | 1585 | 1 | 0 | 1.2 | 44.1 | 1.2 | 19.2 | | | C-15109 | | | |
| 1965 | T | PROD | 1 | 0 | 0.2 | NR | 5 | 0 | 1.2 | NR | 0 | NR | | | C-12221 | | | |
| NR | U | PROD | 1 | 0 | 4.0 | NR | 2 | 0 | 1.6 | NR | 0 | NR | | | C-8319 | | | |
| NR | T | PROD | 1 | 0 | 2.5 | 55.5 | 1 | 0 | 0.2 | 1.9 | 0.2 | NR | | | C-7084 | | | |
| NR | L | PRCD | 1 | 0 | 50.0 | NR | 1 | 0 | 2.0 | NR | 2.0 | NR | | | C-4575 | | | |
| 1958 | U | PROD | 1 | 0 | 1.5 | NR | 1 | 0 | 0.8 | 185 | 0.8 | 185 | | | C-7484 | | | |
| 1975 | T | PRCD | 1 | 0 | 147 | 1187 | 1 | 0 | 2.9 | 20.4 | 2.9 | 20.4 | | | C-17692 | | | |
| 1959 | T | PROD | 3 | 0 | 774 | 17132 | 14 | 0 | 10.0 | 758 | 10.0 | 758 | | | C-8386 | | | |
| | | | | | | | | | | | | | | | C-8192 C-6333 | | | |
| 1959 | T | PRCD | 1 | 0 | 94.2 | 2621 | 1 | 0 | 1.1 | 94.6 | 1.1 | 94.6 | | | C-7096 | | | |
| 1951 | T | PROD | 1 | 0 | 21.9 | 1857 | 1 | 0 | 2.5 | NR | 2.5 | 459 | | | C-3454 | | | |
| 1980 | T | PROD | 1 | 0 | 183 | 329 | 2 | 0 | 1.6 | 2.9 | 1.6 | 2.9 | | | CR-1805 | | | |
| NR | L | PRCD | 1 | 0 | 43.8 | 87.6 | 0 | 0 | 0 | 0 | 0 | 0 | | | C-4036 | | | |
| NR | T | PROD | 2 | 0 | 3.7 | NR | 2 | 0 | 2.0 | 58.2 | 0 | NR | | | C-17238 | | | |
| 1954 | U | PROD | 1 | 0 | 21.6 | 2080 | 5 | 0 | 4.6 | NR | 0 | NR | | | C-4099 | | | |
| 1975 | U | PROD | 1 | 0 | 7.2 | 21.6 | 4 | 0 | 4.5 | 28.6 | 0 | NR | | | CR11785 | | | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- | |
|--|------------------------|-----------------------|-------------------|--|--|
| BUTLER COUNTY | | | | | |
| EL DORADO FIELD | | | | | |
| WHITE & ELLIS ORLG 19-25S 5E | CR-9785 | SCHWARTZ | D | ADMIRE 700 10 36.0 | |
| WILSON PRODUCTION 17-25S 5E | C-16481 | WILSON-HAWKINS | P | MISS 2500 35 43.0 | |
| WRIGHT OIL 27-25S 5E | C-4077 | WILSON A | | VIOLA NR NR NR | |
| ELBING FIELD | | | | | |
| ALADDIN PETROLEUM 08-23S 04E | C-11895 | FURMAN | KC | NR NR NR | |
| D.A. OIL 18-23S 4E | C-0000 | WEBRECK | D | MISS 2450 20 38.0 | |
| HILLENBURG OIL 17-23S 4E | C-7145 | NORTH LATHROP | P | KC 2000 80 32.0 | |
| HILLENBURG OIL 17-23S 4E | C-8005 | SOUTH LATHROP | P | KC 2000 80 32.0 | |
| RICHARD B. MORRIS 20,29-23S 4E | C-13622 | EVERETT-FERRIER | W | KC 2020 30 33.0 | |
| ENTZ FIELD | | | | | |
| CITCO 23-26S 4E | C-17950 | ENTZ-GAMBLE | W | SIMP 2491 10 NR | |
| FERRELL FIELD | | | | | |
| K.T. WIEDEMANN TRUST 16-28S 8E | C-16942 | MARY JANE FOUTS | D | MISS 2725 NR 35.0 | |
| MIDWEST SUPPLY 21-28S 8E | C-5287 | FERRELL | W | MISS 2750 30 37.0 | |
| FOX-BUSH-COUCH FIELD | | | | | |
| BAKER OIL 27-28S 05E | CR12801 | PENNINGTON | P | BARTL 2775 11 40.0 | |
| H.H. BLAIR OIL 13-29S 5E | C-6254 | NADEN | W | BARTL 2820 30 35.0 | |
| JAMES H. WEBSTER 23,24-28S 5E 25,26,35-28S 5E 35-28S 5E | C-2903 | NORTH FOX BUSH | W | BARTL NR NR NR | |
| MISCO INDUSTRIES 35,36-28S 5E | C-1909 | FOX-BUSH | W | BARTL 2800 30 NR | |
| 1,2,11,12,13-29S 5E 18-25S 6E | | | | | |
| SANTA ROBIN OIL 25-25S 5E | C-18231 | SANTA ROBIN | D | BARTL 2750 40 40.0 | |
| SOUTHERN STATES OIL 25-25S 5E | C-1650 | BROWN (NORTH) | P | BARTL 2735 45 39.0 | |
| STELBAR OIL 22,23-28S 5E | CR-2805 | J. E. S. | W | BARTL 2779 6 40.0 | |
| TOMLINSON OIL 25,27-28S 5E | C-5496 | SPEER AND BUNNELL | D | BARTL 2790 25 37.8 | |
| GARDEN FIELD | | | | | |
| BUTLER DEVELOPMENT 32-26S 6E | C-12556 | STRAIT UNIT | W | MISS 2760 20 NR | |
| HARLAN FIELD | | | | | |
| E.H. ACAIR OIL 26,35-23S 4E | C-10457 | HARVEY | P | KC 2140 7 32.0 | |

| INJECTION DATA | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|-----|-------------|-------|-----|-------------------------|-----------------|-----|--------------|------|------------------------|-----------------------------|---------|----|---------|
| FIRST YR | TYP | SOURCE | WELLS | | VOL INJ MB OR (MMCF) | WELLS | | PROD VOL | | ENHANC MB OR (MMCF) | PROD 1982 CUM 1981 | NOTES | NO | |
| | | | TOT | NEW | | TOT | NEW | MB CR (MMCF) | CUM | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | 1982 (96) | | | 1982 1981 | | | 1982 1981 | | | |
| 1979 | U | PROD | 1 | 0 | 5.5 | 16.4 | 4 | 0 | 6.4 | 29.3 | 0 | NR | | CR-9785 |
| 1972 | U | PROD | 1 | 0 | 200 | 2000 | 13 | 0 | 20.0 | 1097 | 10.0 | 1087 | | C-16481 |
| NR | NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 | C-4077 |
| NR | NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 2 | C-11895 |
| 1965 | T | PROD | 1 | 0 | 27.0 | NR | 1 | 0 | 0.8 | NR | 0 | NR | | C-0000 |
| 1981 | U | PROD & HUNT | 1 | 0 | 78.0 | 2210 | 4 | 0 | 3.2 | NR | 1.2 | NR | | C-7145 |
| 1960 | | NR | 0 | 0 | 0 | 2084 | 5 | 0 | 3.4 | NR | 0 | NR | 2 | C-8005 |
| 1967 | M | PROD & FR | 1 | 0 | 100 | 986 | 4 | 0 | 5.1 | NR | 3.3 | 25.8 | | C-13622 |
| 1975 | U | PROD | 2 | 0 | 165 | 951 | 2 | 0 | 8.1 | 343 | 7.8 | 41.0 | | C-17950 |
| 1973 | T | PROD | 1 | 0 | 24.5 | 164 | 2 | 0 | 0.8 | 178 | NR | NR | | C-16942 |
| 1955 | T | PROD | 5 | 0 | 700 | NR | 11 | 0 | 12.9 | NR | 0 | NR | | C-5287 |
| 1980 | U | PROD | 1 | 0 | 45.0 | 90.0 | 2 | 0 | 1.0 | 3.7 | 0 | 0 | | CR12801 |
| NR | U | PROD | 1 | 0 | 1.2 | NR | 4 | 0 | 0.9 | NR | 0.3 | NR | | C-6254 |
| NR | L | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 | C-2903 |
| NR | T | PROD | 6 | 0 | 600 | NR | 11 | 0 | 6.4 | NR | 6.4 | NR | | C-1909 |
| 1976 | T | PROD | 2 | 0 | 72.0 | NR | 4 | 0 | 2.2 | NR | NR | NR | | C-18231 |
| 1959 | T | PROD | 1 | 0 | 74.6 | 2028 | 2 | 0 | 2.7 | 121 | 2.7 | 121 | | C-1650 |
| 1980 | U | PROD | 1 | 0 | 18.3 | 25.6 | 2 | 0 | 4.2 | 30.7 | 0.4 | 0.4 | | CR-2805 |
| 1957 | U | PROD | 1 | 0 | 193 | 10502 | 2 | 0 | 1.6 | 522 | 1.6 | 113 | | C-5496 |
| NR | U | PROD | 1 | 0 | 40.0 | NR | 3 | 0 | 1.9 | NR | 1.9 | NR | | C-12556 |
| 1963 | U | PROD | 1 | 0 | 14.0 | 236 | 4 | 0 | 1.5 | 96.1 | 0.3 | 22.6 | | C-10457 |

| OPERATOR LOCATION | PROJECT NO | PROJECT NAME | TYP PRJ | OIL PRODUCING ZONE | | | |
|---|---------------|------------------------|------------|--------------------|-------|-----|------|
| | | | | NAME | DEPTH | THK | GRAV |
| BUTLER COUNTY | | | | | | | |
| HAVERFILL FIELD | | | | | | | |
| JIMMY RAZOCK 27-27S SE | CR-7783 | JENKINSON A | D | BARTL | 2750 | 45 | 40.0 |
| HAZLETT FIELD | | | | | | | |
| K.T. WIEDEMAN TRUST 31-23S SE | C-16357 | CLEARWATER UNIT | W | MISS | 2459 | 24 | 40.0 |
| RANGE CIL 5-25S SE | C-16646 | SOMMERS | P | CONGL | 2375 | 10 | 40.0 |
| REX & MORRIS DRLG 29-23S SE | C-17052 | FANNIE | W | MISS | 2450 | 25 | 41.0 |
| KEIGHLEY FIELD | | | | | | | |
| MUSGROVE PRODUCING 12-27S 7E | C-15654 | BARNHILL | D | BARTL | 2750 | 20 | 39.0 |
| MUSGROVE PRODUCING 12-27S 7E | C-4656 | MORRELL | D | BARTL | 2750 | 30 | 39.0 |
| W.R. GROSS 12-27S 7E | C-1319 | SEWARD | W | BARTL | NR | NR | NR |
| KEIGHLEY NORTHEAST FIELD | | | | | | | |
| DICK HESS 31-26S 8E | C-17561 | KEIGHLEY NORTHEAST | D | BARTL | 2670 | 50 | 38.0 |
| LEE PHILLIPS OIL 30,31-26S 8E | C-16166 | KEIGHLEY NE FLOOD UNIT | P | BARTL | 2700 | 42 | 37.0 |
| KRAMER-STERN FIELD | | | | | | | |
| DUNNE EQUITIES 4-28S 6E | 370505 | BLAKEMAN | D | VIOLA | 3089 | 10 | 33.7 |
| HAMMER & MACLEAN 21,22-27S 6E | C-13408 | LEON UNIT | D | VIOL | 3006 | 12 | 34.0 |
| REX & MORRIS DRLG 11-28S 6E | C-16178 | LUCAS A & B WF | W | SIMP | 3000 | 6 | 34.0 |
| SACO OIL 3-28S 6E | C-17260 | KRAMER | P | VIOLA | 3070 | 10 | 33.0 |
| SOUTHERN STATES OIL 27,28,33,34-27S 6E | C-8301 | SHRIVER-STERN | P | VIOLA | 3080 | 40 | 34.0 |
| TEXACO 18-27S 6E | C-3218 | TABING | P | VIOLA | 3075 | 16 | NR |
| WOODWARD OIL ACCT 3-28S 6E | C-17267 | BLAKEMAN | D | VIOLA | 3050 | 4 | 34.0 |
| LEON FIELD | | | | | | | |
| HAMMER & MACLEAN 17-26S 6E | C-13911 | MACLEAN | D | VIOLA | 3136 | 17 | 36.0 |
| SANTA BARBARA OIL 17,19,20-27S 6E | C-6758 | LEON W.F. PROJECT | BARTL | NR | NR | NR | NR |
| MUDY CREEK FIELD | | | | | | | |
| R.R. ABDERHALDEN 7-25S 5E | C-6853 | N MUDDY CREEK WF | W | BARTL | 2730 | 13 | 36.0 |
| R.R. ABDERHALDEN 13-25S 4E | C-6426 | S MUDDY CREEK WF | W | BARTL | 2880 | 20 | 38.0 |
| TOMLINSON OIL 6-25S 5E | C-6099 | STEWART A | W | BARTL | 2700 | 9 | 38.4 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | PROJECT | | |
|----------------|-----|-------------|-------|-----|--------------|---------|-----|-------------|-------|-----------------|------|----------|-----|--------|---------|----------------------------|----|
| FIRST YR | TYP | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | ENHANC | PROD | NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR(MMCF) | 1982 | CUM | 1982 | 1982 | CUM | | | | |
| | | | | | (1981) | | | | | | | | | (1981) | (1981) | | |
| 1978 | T | PROD | 1 | 0 | 183 | NR | 1 | 0 | 1.5 | NR | 1.1 | NR | | | | CR-7783 | |
| 1971 | T | PROD | 2 | 0 | 182 | 2809 | 22 | 0 | 11.2 | 202 | NR | NR | | | | C-16357 | |
| 1972 | U | PROD | 1 | 0 | 30.4 | NR | 1 | 0 | 2.1 | 41.8 | 2.1 | 16.9 | | | | C-16646 | |
| 1973 | U | PROD | 1 | 0 | 73.0 | NR | 2 | 0 | 1.7 | 134 | 0 | 0 | | | | C-17052 | |
| 1965 | U | PROD | 1 | 0 | 3.7 | NR | 1 | 0 | 0.8 | NR | 0.8 | NR | | | | C-15654 | |
| 1960 | U | PROD | 1 | 0 | 18.3 | NR | 3 | 0 | 1.5 | NR | 1.5 | NR | | | | C-4656 | |
| NR | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | 5 | | C-1319 | |
| 1975 | T | PROD | 2 | 0 | 36.5 | 210 | 3 | 0 | 4.0 | 50.2 | 4.0 | 28.3 | | | | C-17561 | |
| 1971 | U | PROD & DOUG | 6 | 0 | 306 | 3510 | 11 | 0 | 19.4 | 972 | 2.1 | 2.1 | | | | C-16166 | |
| 1979 | U | PRCD | 2 | 0 | 365 | NR | 6 | 0 | 14.7 | NR | 14.7 | NR | | | | 370505 | |
| 1966 | U | PROD | 3 | 0 | 171 | 1957 | 10 | 0 | 11.4 | 272 | 11.4 | 272 | | | | C-13408 | |
| 1971 | U | PROD & MISS | 1 | 0 | 308 | 2390 | 14 | 0 | 4.7 | 447 | 2.4 | 27.4 | | | | C-16178 | |
| 1974 | U | PROD | 1 | 0 | 7.4 | NR | 6 | 0 | 8.4 | NR | 8.4 | NR | | | | C-17260 | |
| 1959 | M | PROD | 6 | 0 | 1406 | 34710 | 12 | 0 | 16.7 | 1168 | 16.7 | 1168 | | | | C-8301 | |
| 1952 | U | PRCD | 1 | 0 | 125 | 1620 | 1 | 0 | 1.9 | 121 | 0 | 0 | | | | C-6984 C-3074 C-976 C-3218 | |
| 1960 | U | PROD | 1 | 0 | 365 | NR | 6 | 1 | 5.0 | NR | 3.5 | NR | | | | C-17267 | |
| 1968 | U | PROD | 1 | 0 | 73.0 | 1022 | 2 | 0 | 1.2 | 19.6 | 1.2 | 19.6 | | | | C-13911 | |
| NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | | C-6758 | |
| 1963 | T | PROD & DOUG | 2 | 0 | 36.0 | 728 | 3 | 0 | 2.8 | 98.3 | 2.8 | NR | | | | C-6853 | |
| 1962 | T | PROD & DOUG | 1 | 0 | 12.5 | 1519 | 1 | 0 | 1.5 | 98.2 | 1.5 | NR | | | | C-6426 | |
| 1958 | T | PRCD & DOUG | 1 | 0 | 27.9 | 661 | 1 | 0 | 1.9 | 128 | 1.9 | 68.0 | | | | C-6099 | |

| OPERATOR LOCATION | PROJECT NO | PROJECT NAME | TYP PRJ | OIL PRODUCING ZONE NAME DEPTH THK GRAV | |
|---|---------------|----------------------|------------|---|--|
| | | | --- | --- | |
| BLTLE COUNTY | | | | | |
| PARSLEY NORTHWEST FIELD | | | | | |
| KRM PETROLEUM 33-25S 3E | CR-5783 | CLEARWATER | D | MISS 2728 14 43.4 | |
| PAULSON FIELD | | | | | |
| AM PETROFINA TEXAS 25-23S 3E | C-13254 | PAULSON WF STA. 2 | P | MISS 2460 28 39.9 | |
| AM PETROFINA TEXAS 13,23,24-23S 3E | C-11990 | PAULSON WF STA. 1 | P | MISS 2460 28 41.0 | |
| I.O. MILLER 13-23S 3E | C-16335 | HINZ | D | MISS 2464 19 NR | |
| PIERCE FIELD | | | | | |
| WHITE & ELLIS DRLG 21-25S 4E | C-16947 | ALBERS | D | MISS 2550 10 40.0 | |
| POTWIN FIELD | | | | | |
| A. AINSWORTH 35-24S 3E | CR-6792 | BRAINERD | W | MISS 2725 10 43.8 | |
| A. AINSWORTH 2-25S 3E | CR-7772 | QUINN | D | MISS 2720 10 42.0 | |
| KANSAS PETROLEUM 35,36-24S 3E 1-25S 3E | C-17323 | POTWIN-MOORE | P | MISSDOL 2750 10 42.5 | |
| LAW PRODUCTION 2-25S 3E | C-18194 | POTWIN UNIT | W | MISS 2671 9 42.0 | |
| REX & MORRIS DRLG 31,32-24S 4E | C-11095 | MAXWELL | D | MISS 2670 9 43.0 | |
| R.J. WIXSON CO 3-25S 3E | C-8605 | JOSEPH | W | MISS 2750 NR 40.0 | |
| R.J. WIXSON CO 10-25S 3E | C-8391 | DOHREN-ULMER | W | MISS 2748 12 40.0 | |
| REYNOLDS-SCHAFFER FIELD | | | | | |
| AM PETROFINA TEXAS 33-26S 6E | C-9368 | BREWER | D | MISS 2784 12 34.0 | |
| MURFIN DRILLING 33,34-26S 6E 3,4-27S 6E | C-17763 | REYNOLDS-SCHAFFER WF | W | MISS 2794 21 35.0 | |
| YUMA OIL 6-27S 6E | C-4039 | DOUGHTY & PALMER | P | BARTL 2700 10 34.0 | |
| ROSALIA FIELD | | | | | |
| CONOCO 11-25S 07E | C-12310 | ZIMMERMAN | P | SQUIR 2425 30 40.0 | |
| DIANNE McCARTHY OIL 11,12-25S 7E | CR-7798 | GISH & ROY | P | SQUIR 2425 30 38.0 | |
| SALLYARDS FIELD | | | | | |
| OKMAR OIL 20-26S 8E | C-4169 | DRUMMM-BITLER | W | BARTL 2660 25 36.0 | |
| SHINN FIELD | | | | | |
| K.T. WIEDEMANN TRUST 19-25S 8E | C-10166 | SHINN WATERFLOOD | W | MISS 2760 16 39.0 | |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|-----|-------------|-------|-----|------|--------------|-----|-----|-------|-----------------|------|-------------|-------------|----------|-------------|----------|---------|----|
| FIRST YR | TYP | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | | NOTES | NO |
| | | | TOT | NEW | | MB OR (MMCF) | TOT | NEW | | MB OR(MMCF) | | MB OR(MMCF) | MB OR(MMCF) | | MB OR(MMCF) | | | |
| | | | | | | 1982 CUM | | | | 1982 CUM | | 1982 CUM | | 1982 CUM | | 1982 CUM | | |
| | | | | | | (981) | | | | (981) | | (981) | | (981) | | (981) | | |
| 1978 | U | PROD | 1 | 0 | 57.6 | 204 | 7 | 0 | 10.7 | 320 | 1.1 | 2.0 | | | | | CR-5783 | |
| 1967 | U | PROD | 1 | 0 | 125 | 4854 | 2 | 0 | 0.6 | 49.1 | 0.6 | 19.8 | | | | | C-13254 | |
| 1965 | U | PROD | 5 | 0 | 750 | 7860 | 20 | 0 | 25.0 | 1067 | 15.0 | 423 | | | | | C-11990 | |
| 1971 | U | PROD | 1 | 0 | 128 | 868 | 9 | 0 | 7.4 | 281 | NR | 29.6 | | | | | C-18126 | |
| | | | | | | | | | | | | | | | | | C-16335 | |
| 1973 | T | PROD | 1 | 0 | 7.2 | 61.8 | 5 | 0 | 2.4 | 262 | 0 | NR | | | | | C-16947 | |
| 1979 | U | PROD | 1 | 0 | 198 | 311 | 2 | 0 | 1.2 | 2.0 | NR | NR | | | | | CR-6792 | |
| 1977 | U | PROD | 1 | 0 | 145 | 438 | 3 | 0 | 6.2 | 23.2 | NR | NR | | | | | CR-7772 | |
| 1974 | U | PROD & MISS | 1 | 0 | 253 | 1745 | 9 | 0 | 10.3 | 82.4 | 10.3 | 82.4 | | | | | C-17323 | |
| NR | U | PROD | 1 | 0 | 18.2 | NR | 2 | 0 | 1.1 | NR | 1.1 | NR | | | | | C-18194 | |
| 1964 | U | PROD | 1 | 0 | 135 | 1441 | 11 | 0 | 4.5 | NR | 2.7 | NR | | | | | C-11095 | |
| NR | U | PROD | 1 | 0 | 22.0 | NR | 2 | 0 | 0.5 | NR | 0 | NR | | | | | C-8605 | |
| 1961 | T | PROD | 1 | 0 | 18.0 | NR | 2 | 0 | 1.5 | NR | 0 | NR | | | | | C-8391 | |
| 1962 | T | PROD | 1 | 0 | 40.0 | 591 | 5 | 0 | 3.0 | 137 | 2.1 | 46.2 | | | | | C-9368 | |
| 1975 | T | PROD | 1 | 0 | 249 | 1423 | 12 | 0 | 7.8 | 86.0 | NR | NR | | | | | C-17763 | |
| NR | | PROD | 1 | 0 | 17.0 | NR | 3 | 0 | 5.1 | NR | 5.1 | NR | | | | | C-4039 | |
| 1965 | U | PROD | 1 | 0 | 167 | 1062 | 6 | 0 | 6.6 | 58.5 | 6.6 | 58.5 | | | | | C-12310 | |
| 1965 | T | PROD | 1 | 0 | 110 | 1000 | 6 | 0 | 6.1 | NR | 6.1 | NR | | | | | CR-7798 | |
| 1954 | U | PROD | 1 | 0 | 26.8 | 1189 | 2 | 0 | 0.7 | 133 | 0.7 | 28.0 | | | | | C-4169 | |
| 1963 | T | PROD | 6 | 0 | 795 | 11921 | 13 | 0 | 14.9 | 452 | NR | NR | | | | | C-10166 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP ----- | OIL NAME ----- | PRODUCING ZONE DEPTH THK GRAV ----- |
|---|------------------------|-----------------------|--------------|----------------------|---|
| BUTLER COUNTY ===== | | | | | |
| SMOCK-SLUSS FIELD ----- | | | | | |
| BISAGNO ET AL 35-26S 5E | C-2096 | BISAGNO | D | BARTL | 2700 40 37.9 |
| BURTON OIL 24-26S 5E 18-26S 6E | C-3801 | FALKENBERG | D | BARTL | 2700 11 32.0 |
| BURTON OIL 25,26-26S 5E J.E. MORRIS ETAL 11-27S 5E | C-3509 | SLUSS | W | BARTL | 2700 10 32.0 |
| MYRA J. LEBOW 26-26S 05E | C-13206 | KNUTSON | D | BARTL | 2700 30 39.0 |
| MYRA J. LEBOW 26-26S 05E | C-2915 | R. E. SLUSS | P | BARTL | 2696 10 37.0 |
| SNOWDEN-MCSWEENEY FIELD ----- | | | | | |
| EARL F. WAKEFIELD 9-29S 6E | C-3430 | WAKEFIELD FEE | D | BARTL | 2800 20 39.0 |
| PRICE OIL 16-29S 6E | C-17996 | WOODS | D | PERU | 2480 20 36.0 |
| TOWANDA FIELD ----- | | | | | |
| GULF 5-26S 4E | C-6580 | RICE-WAIT | W | VIC&SIM | 2476 60 38.0 |
| WHITEWATER EAST FIELD ----- | | | | | |
| WHITE & ELLIS DRILL 33-25S 4E | C-16406 | EDMISTON | D | MISS | 2460 8 40.0 |
| WHITEWATER WEST FIELD ----- | | | | | |
| ROBERT E. DAVIS 28,33,34-25S 3E | C-15546 | HAMILTON-SCULLY | P | MISS | 2725 22 43.0 |
| WOMACK FIELD ----- | | | | | |
| CONOCO 17-28S 6E | C-17962 | WOMACK UNIT | W | BART | 2772 9 40.6 |
| YOUNG FIELD ----- | | | | | |
| B&G OIL 21-26S 7E | CR-4783 | HENN | D | MISS&SQ | 2800 10 36.0 |
| DUNNE EQUITIES | C-1318 | WILLHITE | D | KC | 2108 28 32.2 |
| 27-26S 7E J.E. MORRIS ET AL 20,25-26S 7E KAISER-FRANCIS 23-26S 7E OKMAR OIL 27-26S 7E | | | | | |
| J.E. MORRIS ET AL 20,25-26S 7E | C-5932 | GUENTHER | D | MISS | 2750 20 33.0 |
| KAISER-FRANCIS 23-26S 7E | C-13616 | STEWART | | MISS | 2750 20 33.0 |
| OKMAR OIL 27-26S 7E | C-3258 | YOUNG CO-OP | W | KC | 2140 37 34.0 |
| YOUNG SOUTHWEST FIELD ----- | | | | | |
| CROWE DRILLING 32-26S 7E | C-12982 | PMA RANCH | P | MISS | 2724 8 NR |
| BUTLER-COWLEY COUNTIES ===== | | | | | |
| FOX-BUSH-COUCH FIELD ----- | | | | | |
| STELBAR OIL 36-29S 5E 1-30S 5E 31-29S 6E | C-5547 | BROWN & SHAWVER | W | BARTL | 2800 30 38.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | PROJECT | | |
|----------------|------|-------------|-------|-----|------|--------------|-----|-----|-------|-----------------|------|----------|-------------|--------|---------|------------------|----|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | ENHANC | PROD | NOTES | NO |
| | | | TOT | NEW | | MB OR (MMCF) | TOT | NEW | | MB CR(MMCF) | TOT | CUM | MB OR(MMCF) | | | | |
| | | | | | | 1982 CUM | | | | 1982 CUM | | 1982 CUM | | (1981) | (1981) | (1981) | |
| 1955 | T | PROD | 3 | 0 | 255 | 1602 | 6 | 1 | 8.4 | 1108 | 8.0 | NR | | | | C-2096 | |
| 1950 | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | C-3801 | |
| 1945 | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | C-3509 | |
| 1967 | U | PROD | 1 | 0 | 137 | 1368 | 3 | 0 | 7.0 | 166 | 3.9 | 23.8 | | | | C-13206 | |
| NR | T | PROD | 1 | 0 | NR | 90.0 | 1 | 0 | 2.1 | 60.0 | NR | NR | | | | C-2915 | |
| 1960 | U | PROD | 2 | 0 | 81.7 | 4322 | 7 | 0 | 1.5 | 235 | 0.7 | 117.3 | | | | C-3430 | |
| 1975 | T | PROD | 2 | 0 | 37.0 | NR | 8 | 0 | 10.3 | NR | NR | NR | | | | C-17996 | |
| 1954 | U | PROD | 2 | 0 | 370 | 19647 | 7 | 0 | 9.5 | 4342 | 9.5 | 4342 | | | | C-6580 C-4029 | |
| 1972 | T | PROD | 1 | 0 | 9.0 | 87.9 | 3 | 0 | 2.9 | 143 | 0 | NR | | | | C-16406 | |
| 1970 | U | PROD | 1 | 0 | 82.1 | 1016 | 5 | 0 | 2.2 | 133 | 0 | NR | | | | C-15546 | |
| 1976 | T | PROD | 4 | 0 | 468 | 2272 | 5 | 0 | 19.5 | 152 | 19.5 | 151 | | | | C-17962 | |
| 1977 | U | PROD | 1 | 0 | 18.2 | 66.0 | 2 | 1 | 0.8 | NR | 0 | NR | | | | CR-4783 | |
| NR | U | PROD | 1 | 0 | 54.8 | NR | 3 | 0 | 0.8 | NR | 0.8 | NR | | | | C-1318 | |
| 1957 | U | PROD & SQUI | 1 | 0 | 314 | NR | 11 | 0 | 7.0 | NR | 4.5 | NR | | | | C-5932 | |
| 1957 | U | PROD & SQUI | 1 | 0 | 17.2 | 188 | 1 | 0 | 1.7 | 36.6 | 0 | NR | | | | C-13616 | |
| 1952 | U | PROD & MISS | 4 | 0 | 480 | 6577 | 10 | 0 | 12.5 | 138 | 10.0 | 40.8 | | | | C-3258 | |
| 1966 | | PROD | 6 | 0 | 310 | NR | 6 | 0 | 4.0 | NR | NR | NR | | | | C-12982 | |
| 1957 | T | PROD | 1 | 0 | 12.8 | 1033 | 3 | 0 | 1.7 | NR | 1.7 | 153 | | | | C-5547 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- ----- | |
|---|------------------------|-----------------------|-------------------|---|--|
| BUTLER-COWLEY COUNTIES ===== | | | | | |
| ROCK NORTHEAST FIELD ----- | | | | | |
| STELBAR OIL 6-30S SE 29,31,32-29S SE | CR-9773 | ROCK NORTHEAST | W | BARTL 2832 18 39.0 | |
| CHASE COUNTY ===== | | | | | |
| ATYEO-PIXLEE FIELD ----- | | | | | |
| AZTEC OIL 1-22S 9E GORDON R. SMITH 31-21S10E | C-18257 | SNYDER | | MISS NR NR NR | |
| GORDON R. SMITH 31-21S10E | CR-9802 | ATYEO A | D | BAR-MIS 2200 25 34.0 | |
| TEETER-SCOTT FIELD ----- | | | | | |
| GLACIER PETROLEUM 35-22S 9E | C-16856 | HARTLEY A | P | BARTL 2451 36 40.0 | |
| CHASE-LYON COUNTIES ===== | | | | | |
| ATYEO-PIXLEE FIELD ----- | | | | | |
| E.W. SAUDER 24-21S 9E 19-21S10E | C-519 | ANNIE & H.W. HUGHES | P | BARTL 2200 25 39.0 | |
| CHAUTAUQUA COUNTY ===== | | | | | |
| CEDARVALE FIELD ----- | | | | | |
| MENDENHALL OIL PROP 10-34S 8E | C-17641 | LEEDY | W | PAWNEE 1900 20 38.0 | |
| CLOVERDALE FIELD ----- | | | | | |
| OLYMPIC PETROLEUM 12-33S 8E | C-14002 | CLOVERDALE FIELD UNIT | W | CATTLE 2030 15 38.9 | |
| CRUM FIELD ----- | | | | | |
| CARL WALTER 8-32S12E | C-10303 | VESTAL | W | NEW ALB 663 62 28.0 | |
| ELGIN FIELD ----- | | | | | |
| JOHN M. DENMAN OIL 25,26,27,34-34S10E | C-465 | BIRD UNIT | D | PERU 1360 40 38.0 | |
| JOHN M. DENMAN OIL 12,13-35S 9E 7,17-35S10E | C-469 | FLEISHER-NEWMAN | D | PERU 1540 40 38.0 | |
| FRAISER FIELD ----- | | | | | |
| OSAGE DRILLING 19-33S13E | CR68110 | BALLARD D&E | W | WEISER 1000 10 NR | |

| INJECTION DATA | | | | | | | | PRODUCTION DATA | | | | | | | | PROJECT | | |
|----------------|-----|-------------|-------|-----|--------------|---------|-----|-----------------|-------|------|--------------|----------|-----|--------------|--------|-------------------|---------|----|
| FIRST | TYP | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD | NOTES | NO |
| YR | WTR | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | | | | |
| | | | | | 1982 | CUM | | | | | 1982 | CUM | | 1982 | CUM | | | |
| | | | | | 1981 | | | | | | 1981 | | | 1981 | | | | |
| 1977 | U | PRCD & STAL | 3 | 0 | 370 | 1250 | 10 | 0 | 41.2 | NR | 41.2 | 104 | | | | CR-9773 | | |
| 1978 | NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 2 | C-18257 | |
| 1980 | T | PROD | 1 | 0 | 36.5 | 69.3 | 7 | 1 | 9.4 | 15.3 | 0 | NR | | | | CR-9802 C-1972 | | |
| NR | U | PROD | 2 | 0 | 355 | NR | 3 | 0 | 12.3 | NR | 12.3 | NR | | | | C-16856 | | |
| 1989 | | PROD | 2 | 0 | 18.4 | 2160 | 10 | 0 | 8.7 | 533 | 2.8 | 160.3 | | | | C-519 | | |
| 1975 | U | PROD | 1 | 0 | 50.0 | 265 | 5 | 0 | 4.1 | 675 | 3.3 | NR | | | | C-17641 | | |
| 1988 | F | SH FR WAT | 4 | 0 | 202 | 3673 | 14 | 0 | 7.2 | 904 | 7.2 | 904 | | | | C-14002 | | |
| NR | U | PROD | 0 | 0 | 0 | NR | 6 | 0 | 0.5 | NR | 0 | NR | 20 | | | C-10303 | | |
| NR | U | PROD | 5 | 0 | 67.0 | 959 | 36 | 1 | 11.2 | 187 | NR | NR | | | | C-465 | | |
| NR | U | PROD | 3 | 0 | 25.9 | 3060 | 13 | 0 | 4.3 | 748 | NR | NR | | | | C-469 | | |
| 1981 | U | PROD | 0 | 4 | 0 | 0 | 3 | 2 | 0.6 | 0.6 | 0 | 0 | | | | CR68110 | | |

| OPERATOR LOCATION | PROJECT NO | PROJECT NAME | TYP PRJ | OIL PRODUCING ZONE | | | |
|---|---------------|-------------------|------------|--------------------|-------|------|------|
| | | | | NAME | DEPTH | THK | GRAV |
| CHAUTAUQUA COUNTY | | | | | | | |
| FRASIER FIELD | | | | | | | |
| SUNRISE OIL 13,18-33S13E | C-12775 | H. DAVIS | P | WEISER | 1140 | 18 | 33.0 |
| HALE-INGE FIELD | | | | | | | |
| ARPS PETROLEUM CO 20,21,28,29-32S12E | CR78120 | RISING | D | WAYSIDE | 1175 | 8 | NR |
| LAYTON OIL 18,15-32S13E | C-10744 | HALE FLOOD | W | WISNER | 1130 | 12 | 33.0 |
| KEMPTON FIELD | | | | | | | |
| KEENY-LANCES 17-32S09E | C-18521 | KEMPTON | W | MISS | NR | NR | NR |
| LANDON-FLOYD FIELD | | | | | | | |
| PATTESON BROS 14,23-32S10E | C-9072 | PATTESON BROS | D | MISS | 1950 | 8 | 30.0 |
| LENITON FIELD | | | | | | | |
| CHARLES J. MARTIN 21,28-33S10E | C-6721 | STAATS CHAUTAUQUA | W | PERU | 1300 | 20 | 30.0 |
| JOHN M. CENMAN OIL 17-33S10E | C-5161 | R.L. MENDENHALL | P | PERU | 1040 | 50 | 31.0 |
| SHEEL CIL 19-33S10E | CR-6817 | WILLIAMS | D | PERU | 1000 | 6 | 33.0 |
| TWO J DRILLING 16-33S10E | CR78113 | M C CALL | D | WAY | 1485 | 13 | NR |
| LOWE FIELD | | | | | | | |
| JOHN M. CENMAN OIL 20-33S10E | C-4746 | LOWE UNIT | D | PERU | 1440 | 25 | 32.0 |
| NIOTAZE FIELD | | | | | | | |
| STEINBERGER BROS 5,6-35S13E | C-2207 | HYDER FIELD | W | REDD | 700 | 15 | 34.5 |
| OLIVER FIELD | | | | | | | |
| E.H. ACAIR OIL | C-11863 | MCNEE | P | MISS | 2000 | 6 | 29.0 |
| 2-32S10E | | | | | | | |
| PERU-SECAN FIELD | | | | | | | |
| B & M CIL 27-34S12E | C-3221 | MCMILLAN | W | PERU | 1100 | 15 | 34.5 |
| BILL D. FARRIS 15-34S12E | C-4135 | COULTER-RAYMOND | PERU | 1150 | 7 | 34.0 | |
| BILL D. FARRIS 26-34S12E | C-14682 | PARKER B | W | REDD | 978 | 9 | 34.0 |
| BILL D. FARRIS 22-34S12E | C-3993 | ALPINE | W | PERU | 1150 | 10 | NR |
| BILL D. FARRIS 11-34S12E | C-18386 | BILL FARRIS | W | PERU | 1000 | 6 | 23.0 |
| BILL D. FARRIS 22-34S11E | C-4178 | WHITE | W | PERU | 1250 | 10 | 35.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|------|--------|-------|-----|--------------|---------|-----|-------------|-------|-----------------|-------------|----------|-----|---------|--------|---------|--------------------|----|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD | NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | TOT | NEW | MB OR(MMCF) | 1982 | CUM | 1982 | CUM | 1982 | CUM | |
| | | | | | | | | | | | | 1981 | --- | (1981) | --- | (1981) | --- | |
| NR | U | PROD | 1 | 0 | 1.8 | 3.6 | 3 | 1 | 0.7 | 1.3 | 0 | 0 | | | | | C-12775 C-12595 | |
| 1981 | L | PROD | 4 | 0 | 53.7 | 53.7 | 36 | 5 | 23.9 | 23.9 | 3.6 | 3.6 | 21 | CR78120 | | | | |
| 1974 | T | PROD | 2 | 0 | 29.2 | 29.2 | 10 | 0 | 0 | 0 | 2.3 | 12.0 | | C-10744 | | | | |
| NR | | PROD | 1 | 0 | 144 | NR | 3 | 0 | 3.6 | NR | 3.6 | NR | | C-18521 | | | | |
| 1962 | U | PROD | 1 | 0 | 275 | 6188 | 6 | 2 | 10.9 | 119 | NR | NR | | C-9072 | | | | |
| NR | U | PROD | 1 | 0 | 8.0 | 33.0 | 4 | 0 | 0.9 | 22.8 | 0 | 0 | | C-6721 | | | | |
| NR | U | PROD | 2 | 0 | 115 | 1639 | 33 | 4 | 19.2 | 378 | NR | NR | | C-5161 | | | | |
| 1981 | L | PROD | 1 | 0 | 9.0 | 9.0 | 3 | 0 | 2.1 | 2.1 | 0.5 | 0.5 | | CR-6817 | | | | |
| 1981 | U | PROD | 2 | 0 | 12.3 | 12.3 | 12 | 0 | 0.8 | 0.8 | 0 | 0 | | CR78113 | | | | |
| NR | U | PROD | 1 | 0 | 46.9 | 298 | 18 | 1 | 7.8 | 43.2 | NR | NR | | C-4746 | | | | |
| 1941 | L | PROD | 11 | 0 | 25.0 | 655 | 21 | 0 | 6.7 | 162 | NR | NR | | C-2207 | | | | |
| 1965 | U | PROD | 1 | 0 | 7.2 | 155 | 1 | 0 | 0.6 | 20.2 | 0 | 0 | | C-11863 | | | | |
| 1962 | U | PROD | 1 | 0 | 16.4 | NR | 15 | 1 | 8.5 | 512 | 0 | NR | | C-3221 | | | | |
| 1967 | L | PROD | 1 | 0 | 18.0 | 262 | 8 | 1 | 3.6 | 54.0 | 3.6 | 50.4 | | C-4135 | | | | |
| 1968 | U | PROD | 1 | 0 | 7.3 | 139 | 3 | 0 | 1.0 | 21.1 | 0 | NR | | C-14682 | | | | |
| 1973 | U | PROD | 1 | 0 | 0.7 | 18.7 | 1 | 0 | 0 | NR | 0 | NR | | C-3593 | | | | |
| 1976 | U | PROD | 1 | 0 | 4.0 | 13.2 | 2 | 0 | 0 | NR | 0 | NR | | C-18386 | | | | |
| 1981 | | NR | 1 | 0 | 3.6 | 3.6 | 4 | 0 | 1.0 | 1.6 | 0 | NR | 22 | C-4178 | | | | |

| OPERATOR ----- LOCATION | PROJECT ----- NO | PROJECT NAME ----- | TYP ----- PRJ | OIL PRODUCING ZONE | | | |
|--|------------------------|-----------------------|---------------------|--------------------|-------|-------|-------|
| | | | | NAME | DEPTH | THK | GRAV |
| | | | | ----- | ----- | ----- | ----- |
| CHAUTAUQUA COUNTY ===== | | | | | | | |
| PERU-SECAN FIELD ===== | | | | | | | |
| BILL I. & MYRA CUSTER 36-34S11E | C-289 | O.K. SPURLOCK | D | PERU | 1177 | 22 | 35.5 |
| BURLINGTON OIL 26-33S11E | 360128 | GARDNER | D | PERU | 1100 | 25 | 34.0 |
| CLYDE R. JONES 15-34S12E | C-18364 | WINDER | D | PERU | 924 | 13 | 32.3 |
| DAVID E. WILSON 33-34S12E | CR-7778 | HIGH | D | PERU | 1150 | 8 | 34.0 |
| DOBERMAN OIL & GAS 22,27-33S12E | CR-9772 | RAYMON | W | PERU | 1035 | 16 | 30.0 |
| ECCIE R DWIGHT KEEN 17,20-33S12E | C-18248 | RAY HARDY | P | PERU | 950 | 30 | 30.0 |
| GATOR OIL 1,12-34S12E | CR-6819 | THORNE A | W | RECD | 640 | 10 | NR |
| H.D. EMERT 7-34S12E | C-6087 | AUSTIN | W | PERU | 950 | 10 | 32.0 |
| HUR-CHEE CIL CO 22,27-34S12E 26-34S11E | C-4134 | LOGSDON | P | PERU | 1150 | 10 | 34.0 |
| J. COPELAND LANDES 27-34S11E | C-15130 | MURRAY ISE | P | PERU | 1200 | 10 | 37.0 |
| JCHN M. DENMAN OIL 3-34S11E 31-33S12E 6-34S12E | C-388 | PERU FARM | P | PERU | 980 | 38 | 33.0 |
| JOHN M. DENMAN OIL 35,36-34S11E | C-462 | HANN UNIT | D | PERU | 1100 | 30 | 35.0 |
| JOHN M. DENMAN OIL 3-34S11E | C-139 | BELLMAN UNIT | P | PERU | 1073 | 16 | 32.0 |
| JOHN M. DENMAN OIL 33-33S11E 5-34S11E | C-1029 | CASEMENT | P | PERU | NR | 16 | 32.0 |
| JOHN M. DENMAN OIL 27,34-33S12E | C-467 | MORTON-RILEY | D | PERU | 990 | 30 | 34.0 |
| JOHN M. DENMAN OIL 25,26-34S11E 1-35S11E | C-468 | LEMMON-BECK | D | PERU | 1125 | 50 | 34.0 |
| JOHN M. DENMAN OIL 15,16-34S11E | C-463 | ALBRIGHT | D | PERU | 1165 | 40 | 35.0 |
| JOHN M. DENMAN OIL 10,15,22-34S12E | C-17030 | CC POOR FARM | P | PERU | 984 | 20 | 34.0 |
| JOHN M. DENMAN OIL 14,15,21,22-33S11E 23,26,27,28-33S11E | C-1473 | GREGG | P | PERU | 1224 | 33 | 34.0 |
| JOHN M. DENMAN OIL 18,19-34S12E | C-17033 | HARTZELL-RODGERS | P | PERU | 1000 | 16 | 34.0 |
| JOHN M. DENMAN OIL 36-34S11E | C-15 | BLUNDELL | P | PERU | 1000 | 36 | 34.0 |
| JOHN M. DENMAN OIL 27,34-34S11E | C-17031 | BOWMAN UNIT | D | PERU | 1220 | 40 | 35.0 |
| LEE R. JCNES JR. OIL 1,12-35S11E | C-905 | CRANE | D | PERU | 1170 | 30 | 33.0 |
| LEE R. JCNES JR. OIL 18-35S12E | C-10679 | WITHAM | D | PERU | 1150 | 30 | 32.0 |
| LEE R. JCNES JR. OIL 12-35S11E | C-6133 | SMITH & LEE | D | PERU | 1160 | 25 | 32.0 |
| LIBERTY HILL OIL 33-34S11E | C-17888 | MACFARLANE-DELONG | P | PERU | 1120 | 20 | 34.0 |
| LIBERTY HILL OIL 15,16,21-34S11E | CR-8772 | LARAMAY | P | PERU | 1250 | 28 | 31.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|------|-------------|-------|-----|--------------|---------|-----|--------------|-------|-----------------|--------------|----------|------|------|--------|------------|---------|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | 1982 | CUM | 1982 | CUM | | |
| | | | | | 1982 | | | 1982 | | | 1982 | | 1982 | | 1982 | | |
| | | | | | 1981 | | | | | | | | | | | | |
| NR | U | PROD | 2 | 1 | 11.2 | NR | 3 | 0 | 0.5 | NR | 0.1 | NR | | | | | C-289 |
| 1953 | U | PROD | 2 | 0 | 1.6 | NR | 6 | 1 | 3.2 | NR | 0.1 | NR | | | | | 360128 |
| 1976 | U | PROD & SWS | 1 | NR | 9.0 | NR | 3 | NR | 1.8 | NR | NR | NR | | | | | C-18364 |
| NR | U | PROD | 1 | 2 | 3.0 | NR | 6 | 2 | 1.7 | NR | 0 | NR | | | | | CR-7778 |
| 1977 | U | PROD&SWS | 1 | 0 | 14.4 | 118 | 9 | 0 | 2.2 | 15.0 | 0.9 | 3.9 | | | | | CR-9772 |
| 1976 | U | PROD | 4 | 1 | 148 | 303 | 14 | 2 | 8.9 | 17.3 | 8.4 | 15.7 | | | | | C-18248 |
| 1981 | U | PROD & WEIS | 1 | 0 | 7.0 | 7.0 | 12 | 4 | 1.6 | 1.6 | NR | NR | | | | | CR-6819 |
| 1978 | U | PROD | 5 | 1 | 43.8 | 131 | 12 | 1 | 4.0 | 12.0 | 1.1 | 2.3 | | | | | C-6087 |
| 1967 | U | PROD | 1 | 0 | 18.3 | 272 | 10 | 6 | 2.9 | 29.5 | 0 | NR | 23 | | | | C-4134 |
| NR | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | | | C-15130 |
| 1955 | U | PROD&SWS | 3 | 0 | 26.1 | 1313 | 13 | 0 | 4.3 | 233 | NR | NR | | | | | C-388 |
| NR | U | PROD | 15 | 0 | 80.3 | 14695 | 43 | 1 | 13.4 | 3591 | NR | NR | | | | | C-462 |
| 1955 | U | PROD & SWS | 1 | 0 | 7.4 | 272 | 3 | 0 | 1.2 | 44.5 | NR | NR | | | | | C-139 |
| 1955 | U | PROD & SWS | 4 | 0 | 17.8 | 2799 | 13 | 1 | 3.0 | 349 | NR | NR | | | | | C-1029 |
| NR | U | PROD | 1 | 0 | 12.2 | 233 | 9 | 0 | 2.0 | 47.3 | NR | NR | | | | | C-467 |
| NR | U | PROD | 8 | 0 | 43.3 | 975 | 32 | 0 | 7.2 | 199 | NR | NR | | | | | C-468 |
| NR | U | PROD | 1 | 0 | 5.2 | 125 | 7 | 0 | 0.9 | 26.0 | NR | NR | | | | | C-463 |
| 1955 | U | PROD & SWS | 4 | 0 | 43.3 | 1492 | 23 | 0 | 7.2 | 1638 | NR | NR | | | | | C-17030 |
| 1955 | U | PROD & SWS | 3 | 0 | 19.7 | 1863 | 12 | 0 | 3.3 | 1771 | NR | NR | | | | | C-1473 |
| | | | | | | | | | | | | | | | | | |
| 1955 | U | PROD & SWS | 3 | 0 | 4.0 | 973 | 6 | 0 | 0.7 | 703 | NR | NR | | | | | C-17033 |
| NR | U | PROD & SWS | 1 | 0 | 10.7 | 68.8 | 6 | 0 | 1.8 | 10.8 | NR | NR | | | | | C-15 |
| NR | U | PROD | 3 | 0 | 66.0 | 557 | 30 | 4 | 11.0 | 105 | NR | NR | | | | | C-17031 |
| 1960 | U | PROD | 2 | 0 | 14.6 | 2200 | 10 | 1 | 0.7 | 96.1 | NR | NR | | | | | C-905 |
| 1970 | U | PROD | 4 | 0 | 76.7 | 888 | 11 | 0 | 2.1 | 116 | 0.8 | 12.8 | | | | | C-10679 |
| 1961 | U | PROD | 2 | 0 | 58.4 | 986 | 17 | 3 | 12.3 | 143 | 4.5 | 19.5 | | | | | C-6133 |
| 1975 | T | PROD&SWS | 11 | 0 | 770 | 3058 | 23 | 0 | 24.1 | 284 | 14.0 | 34.5 | | | | | C-17888 |
| 1977 | T | PROD&SWS | 5 | 2 | 301 | 687 | 14 | 1 | 7.4 | 33.6 | 0 | 0 | | | | | CR-8772 |

| OPERATOR LOCATION | PROJECT NO | PROJECT NAME | TYP | OIL PRODUCING ZONE | | | |
|--|---------------|-------------------|-----|--------------------|-------|-----|------|
| | | | PRJ | NAME | DEPTH | THK | GRAV |
| | | | --- | --- | --- | --- | --- |
| CHAUTAUQUA COUNTY ===== | | | | | | | |
| PERU-SEDAN FIELD ===== | | | | | | | |
| LIBERTY HILL OIL 8-34S11E | CR-3814 | SPUR RANCH A | W | PERU | 1389 | 21 | 32.0 |
| LYONS DRILLING 16,17-35S11E | CR-4789 | ALLAN | W | PERU | 1150 | 20 | 32.0 |
| MCCANN DRILLING 33-33S11E | CR-9778 | MCCANN PROJECT #1 | W | PERU | 1225 | 25 | 31.5 |
| PETROLEUM ENTERPRISE 27-34S11E | C-14956 | HEATH | W | PERU | 1130 | 15 | 35.0 |
| PETROLEUM ENTERPRISE 22-34S12E | C-6320 | HILLS | P | PERU | 1000 | 15 | 34.0 |
| PETRO-LEWIS 28-34S12E | C-16973 | BROOKS-HILL | P | PERU | 1020 | 19 | 34.0 |
| PETRO-LEWIS 15,22-34S12E | C-16972 | DE ARMOND ETAL | P | PERU | 984 | 20 | 34.0 |
| PETRO-LEWIS 9-34S12E | C-16970 | STAFFORD | P | PERU | 1027 | 35 | 34.0 |
| PETRO-LEWIS 20,25-34S12E | C-16971 | BOWEN ETAL | P | PERU | 1055 | 15 | 34.0 |
| PETRO-LEWIS 24-34S11E | C-16974 | NEFF ETAL | P | PERU | 1055 | 15 | 34.0 |
| ROGERS WILLIAMS 19-33S12E | CR-1784 | HARROLD | P | PERU | 1000 | 14 | 32.0 |
| SHANNON BROS 6,7-35S12E | C-3556 | TURNER-JOHNSON | D | PERU | 1180 | 40 | 35.0 |
| SIMS OIL 11-35S11E | CR-7808 | PARKER | | PERU | 1100 | 20 | 33 |
| SUNRISE OIL 4-34S12E | C-556 | SHOTGUN | P | PERU | NR | NR | NR |
| SUNRISE OIL 33-34S12E | C-6243 | CAMERON UNIT | W | PERU | NR | NR | NR |
| SUNRISE OIL 5-34S12E | C-6342 | ALFORD | W | PERU | NR | NR | NR |
| SUNRISE OIL 5-35S12E | C-6257 | LL TURNER | P | WAY-PER | NR | NR | NR |
| SUNRISE OIL 3-35S12E | C-6132 | BIG TURNER | P | PERU | NR | NR | NR |
| SUNRISE OIL 8-34S12E | C-5477 | STAFFORD | P | PERU | NR | NR | NR |
| SUNRISE OIL 34-34S12E | C-6170 | CHANCE | W | PERU | NR | NR | NR |
| WALTER E. DARNALL 34-33S11E | CR-9792 | BAIN | | PERU | 1050 | 30 | 30.0 |
| WALTER E. DARNALL | C-10903 | PAULLUS HEIRS | D | PERU | 1170 | 50 | 35.0 |
| 6-35S12E | | | | | | | |
| SEDAN SOUTH FIELD ===== | | | | | | | |
| W. N. HUFFINE 11-34S11E | CR-4802 | C. BOWE | D | WAY | 1100 | 10 | 25.0 |
| WAYSIDE-HAVANA FIELD ===== | | | | | | | |
| TLO J DRILLING 17-34S13E | CR-5814 | RIACK BROS | D | WEISNER | 908 | 16 | NR |
| CHAUTAUQUA-COLLEY COUNTIES ===== | | | | | | | |
| CEDARVALE FIELD ===== | | | | | | | |
| GEMOCO 9,15,16-34S8E | C-18164 | WEST CEDAR VALE | W | PAWNEE | 2045 | 22 | 38.5 |

| INJECTION DATA | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|-----|------------|-------|-----|-------------------------|-----------------|-----|-------------------------|------|-----------------------|------------|---------|---------|
| FIRST YR | TYP | SOURCE | WELLS | | VOL INJ MB OR (MMCF) | WELLS | | PROD VOL MB OR(MMCF) | | ENHANC MB OR(MMCF) | PROD NOTES | NO | |
| | | | TOT | NEW | | TOT | NEW | 1982 | CUM | | | | |
| | | | --- | --- | | --- | --- | 1982 | CUM | | | | |
| | | | | | 1982 | CUM | | 1982 | CUM | | | | |
| | | | | | 1981 | --- | | 1981 | --- | | | | |
| 1981 | T | PROD | 1 | 0 | 35.0 | 35.0 | 4 | 2 | 5.2 | 5.2 | 0 | 0 | CR-3814 |
| 1978 | U | PROD | 4 | 0 | 12.0 | 18.0 | 4 | 2 | 0.9 | 1.7 | 0 | NR | CR-4789 |
| 1977 | U | PROD | 8 | 0 | 105 | 535 | 16 | 0 | 4.0 | 38.5 | 1.5 | 4.5 | CR-5778 |
| NR | T | PROD | 1 | 0 | 53.8 | NR | 10 | 0 | 1.7 | NR | 0 | NR | C-14956 |
| NR | T | PROD | 1 | 0 | 14.8 | NR | 10 | 1 | 0 | NR | 0 | NR | C-6320 |
| 1955 | L | PROD & SWS | 2 | 0 | 33.0 | 1650 | 4 | 0 | 3.4 | 222 | 3.4 | 222 | C-16973 |
| 1955 | U | PROD & SWS | 3 | 0 | 35.6 | 2629 | 8 | 0 | 4.0 | 316 | 4.0 | 316 | C-16972 |
| 1955 | U | PROD & SWS | 5 | 0 | 39.8 | 1371 | 5 | 0 | 3.4 | 179 | 3.4 | 179 | C-7756 |
| 1965 | U | PROD & SWS | 5 | 0 | 128 | 899 | 15 | 0 | 19.4 | 224 | 19.4 | 224 | C-16970 |
| 1966 | U | PROD & SWS | 4 | 0 | 122 | 1561 | 7 | 0 | 3.5 | 350 | 3.5 | 350 | C-16971 |
| 1978 | T | PROD | 1 | 0 | 2.5 | 72.3 | 8 | 4 | 3.0 | 10.5 | 0 | NR | CR-1784 |
| 1953 | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | C-3556 |
| 1980 | U | PROD | 1 | 0 | 18.3 | NR | 7 | 1 | 2.5 | NR | 0 | NR | CR-7808 |
| NR | U | PROD | 1 | 0 | 0.7 | 1.4 | 2 | 0 | 0.8 | 1.6 | 0 | 0 | C-556 |
| NR | U | PROD | 1 | 0 | 0 | 0 | 3 | 0 | 0.2 | 0.2 | 0 | 0 | C-6243 |
| NR | U | PROD | 1 | 0 | 14.6 | 27.6 | 8 | 0 | 6.9 | 10.0 | 0 | NR | C-6342 |
| NR | U | PROD | 1 | 0 | 0.7 | 1.4 | 1 | 0 | 0.1 | 0.2 | 0.1 | 0.2 | C-6257 |
| NR | L | PROD | 2 | 0 | 1.8 | NR | 2 | 0 | 0.6 | NR | 0 | NR | C-6132 |
| NR | T | PROD | 1 | 0 | 21.9 | 44.0 | 16 | 1 | 5.7 | 12.7 | 1.8 | 3.6 | C-5477 |
| NR | L | PROD | 1 | 0 | 14.6 | 26.0 | 14 | 0 | 2.3 | 4.1 | 0 | NR | C-6170 |
| NR | U | PROD | 1 | 0 | 11.0 | NR | 2 | 0 | 0.3 | NR | 0.3 | NR | CR-9792 |
| 1952 | L | PROD | 2 | 0 | 9.1 | NR | 4 | 0 | 0.2 | NR | 0.1 | NR | C-10903 |
| 1980 | U | PROD | 1 | 0 | 3.0 | 6.2 | 1 | 0 | 0.4 | 0.8 | NR | NR | CR-4802 |
| 1981 | U | PROD | 1 | 0 | 3.1 | 3.1 | 2 | 0 | 0.2 | 0.2 | 0 | 0 | CR-5814 |
| 1975 | T | PROD&WAY | 2 | 0 | 91.3 | 526 | 4 | 0 | 11.6 | 192 | 11.6 | 69.5 | C-18164 |

| OPERATOR ----- LOCATION ----- | PROJECT ----- NO ----- | PROJECT NAME ----- | TYP ----- | OIL PRODUCING ZONE ----- | | | |
|---|---------------------------------|-----------------------|--------------|-----------------------------|----------------|--------------|---------------|
| | | | PRJ --- | NAME ----- | DEPTH ----- | THK ----- | GRAV ----- |
| CHAUTAUQUA-ELK COUNTIES ===== | | | | | | | |
| HALE-INGE FIELD ----- | | | | | | | |
| BRUNDRED PETRO 4-32S12E 33-31S12E | C-18336 | MCKAY & DYER | P | LKC | 425 | 7 | 25.5 |
| CHEYENNE COUNTY ===== | | | | | | | |
| CHERRY CREEK FIELD ----- | | | | | | | |
| J-W OPERATING 3,4,9,10- 3S41W 16,21,22- 3S41W | C-18584 | M. ORTH | P | LANS | 4669 | 7 | 33.0 |
| CLARK COUNTY ===== | | | | | | | |
| HARPER RANCH FIELD ----- | | | | | | | |
| UNION OF CAL 2,11-34S21W | CR-1791 | HARPER UNIT | W | MORR | 5450 | 9 | 36.0 |
| CLARK-KIOWA COUNTIES ===== | | | | | | | |
| EXCEL FIELD ----- | | | | | | | |
| IMPERIAL OIL 13-30S21W 18,19-30S20W | CR-6818 | EXCEL INOLA UT | D | INOLA | 5154 | 49 | 34.0 |
| COFFEE COUNTY ===== | | | | | | | |
| CRANDALL FIELD ----- | | | | | | | |
| JERRY J. RANES 31-22S16E | CR-8802 | SUTHERLAND | D | SQUIR | 1000 | 4 | 22.0 |
| LARRY MOORE RANCH 15-23S16E | C-15679 | LAWRENCE | D | SQUIR | 1050 | 15 | 23 |
| CRANDALL NORTH FIELD ----- | | | | | | | |
| REED OIL 31-22S16E | CR-2791 | WRIGHT-FRANCE | W | SQUIR | 1070 | 12 | 23.0 |
| HATCH FIELD ----- | | | | | | | |
| KRAFT OIL 35-21S13E | C-17764 | BASHAW-BIRK | D | SIMP | 2151 | 4 | 26.0 |
| LAST CHANCE FIELD ----- | | | | | | | |
| BRUNSON PRODUCTION 1-15S14E 6-19S15E | CR-2787 | JONES-HUNTER | P | BARTL | 1475 | NR | 37.0 |

| INJECTION DATA | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|-----|-----------|-------|---------|--------------|-----------------|----------|-------------|-------------|-------|------|---------|----|-------------------|
| FIRST | TYP | SOURCE | WELLS | VOL INJ | | WELLS | PROD VOL | ENHANC | PROD | NOTES | NC | | | |
| YR | WTR | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | MB OR(MMCF) | | | | | |
| | | | | | 1982 | CUM | | 1982 | CUM | 1982 | CUM | | | |
| | | | | | 1981 | | | 1981 | | 1981 | | | | |
| 1976 | U | PROD | 3 | 0 | 117 | 480 | 9 | 0 | 2.7 | 12.7 | 2.7 | 10.0 | 24 | C-18336 |
| 1976 | U | PROD | 2 | 0 | 16.8 | 16.8 | 4 | 0 | 9.8 | 9.8 | 0 | 0 | | C-18584 |
| 1959 | U | PROD | 1 | 0 | 404 | 7089 | 5 | 0 | 15.4 | 1237 | 15.4 | 1237 | | CR-1791 C-6764 |
| 1981 | U | MIS & MRW | 1 | 0 | 0.6 | 0.6 | 7 | 0 | 14.4 | 105.7 | 0 | 0 | | CR-6818 |
| 1979 | U | PROD | 1 | 0 | 0.2 | NR | 2 | 0 | 0.1 | NR | 0 | NR | | CR-8802 |
| 1969 | | NR | 1 | 0 | 4.7 | NR | 13 | 0 | 2.5 | NR | 2.5 | NR | | C-15679 |
| 1979 | M | PROD&FR | 3 | 2 | 24.1 | 105 | 7 | 0 | 4.2 | 17.8 | 4.2 | 17.8 | | CR-2791 |
| 1976 | T | PROD | 1 | 0 | 128 | 664 | 4 | 0 | 7.8 | 61.1 | 3.5 | 11.3 | | C-17764 |
| 1978 | U | PROD | 1 | 0 | 98.4 | 174 | 4 | 0 | 14.7 | 117 | NR | NR | 25 | CR-2787 |

| OPERATOR ----- LOCATION | PROJECT NO ----- | PROJECT NAME | TYP ----- PRJ | OIL PRODUCING ZONE | |
|--|------------------------|-------------------------|---------------------|---------------------|--|
| | | | | NAME DEPTH THK GRAV | |
| COFFEY COUNTY ===== | | | | | |
| NEOSHO FALLS-LEROY FIELD ----- | | | | | |
| B & S OIL 28-22S16E | C-18476 | NR | D | CHENEY 950 40 NR | |
| BARTLETT HANNEN OIL 35-22S16E | C-11619 | RUE-B-LEE NO 1 | D | SQUIR 962 8 36.0 | |
| BODEN OIL 35-22S16E | C-11714 | BODEN | W | SQUIR 970 10 25.6 | |
| C&C OIL 22-22S16E | C-17175 | KLAUS | D | SQUIR 1015 15 25.0 | |
| D. J. SCHMIDT 12-23S16E | C-11074 | RUE-B-LEE NO 2 | D | SQUIR 945 7 26.0 | |
| HAROLD ERBERT 12-23S16E | C-14942 | BEARD | P | SQUIR 940 8 26.0 | |
| HAROLD ERBERT 1-23S16E | C-12184 | PINON | P | SQUIR 955 8 26.0 | |
| LANCE E. BALLARD 1-23S16E | C-17568 | MEATS-MCGINNIS | | SQUIR 950 8 25.0 | |
| MARVIN E. BOYER OIL 2-23S16E | C-18200 | LEROY UNIT | W | SQUIR NR NR NR | |
| WINN OIL 21-22S16E | C-18102 | WINN | W | SQUIR 900 10 24.0 | |
| OTTUMWA FIELD ----- | | | | | |
| TEICHGRAEBER OIL 22,23-20S14E | C-17356 | METZLER | P | MISS 1600 10 38.8 | |
| THOMSEN FIELD ----- | | | | | |
| DEVEL ENERGY RES 11-21S14E | CR6812 | WILLIAMSON A UT | D | SIMPSON 1934 5 NR | |
| LORAIN CLEAVER 10-21S14E | C-17283 | BOWMAN | W | SIMP 1948 3 26.0 | |
| VIRGIL FIELD ----- | | | | | |
| FRENCH OIL 16-23S14E | C-5633 | PILCHER | P | MISS 1700 NR 36.0 | |
| FRENCH-WINTERSCHIED 14-23S13E | C-199 | KELLY | P | MISS 1800 6 38.0 | |
| FRENCH-WINTERSCHIED 14-23S13E | C-5835 | OLINGER & OLINGER B | P | MISS 1800 5 36.0 | |
| VIRGIL NORTH FIELD ----- | | | | | |
| FRENCH-WINTERSCHIED 14-23S13E | C-17368 | HENRY BAHR | P | VIOLA 2100 NR NR | |
| WINTERSCHIED FIELD ----- | | | | | |
| KRAFT OIL 14-23S14E | C-13346 | SCOTT,WILEY,COCKRAN | W | MISS 1600 15 38.0 | |
| KRAFT OIL 14-23S14E | C-13052 | VASTREZ,SHOTWELE,MCCART | W | MISS 1600 15 38.0 | |
| COFFEY-WOODSON COUNTIES ===== | | | | | |
| NEOSHO FALLS-LEROY FIELD ----- | | | | | |
| NEWLAND OIL 13,24-23S16E | C-2863 | NEOSHO FALLS FLOOD | W | SQUIR 940 12 27.0 | |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|------|-----------|--------|-----|--------------|---------|-----|--------------|--------|-----------------|--------------|----------|-----|--------|--------|---------|-------|-----------------|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD | NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | CUM | | | | | | |
| | | | | | | 1982 | CUM | | 1982 | CUM | | 1982 | CUM | | | | | |
| | | | (1981) | | | | | | (1981) | | | | | | (1981) | | | |
| NR | U | PRCD | 1 | 0 | 0.1 | NR | 14 | 1 | 3.6 | NR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | C-18476 |
| 1963 | T | PROD | 2 | 0 | 12.7 | NR | 15 | 0 | 1.8 | NR | 1.8 | NR | 1.8 | NR | 0 | 0 | 0 | C-11619 |
| NR | T | PROD | 1 | 0 | 91.2 | NR | 8 | 0 | 2.3 | NR | 0 | NR | 0 | NR | 0 | NR | 0 | C-11714 |
| 1973 | L | NR | 1 | 0 | 7.0 | NR | 10 | 0 | 4.9 | NR | 0.4 | NR | 0.4 | NR | 0 | NR | 0 | C-17175 |
| 1963 | T | PROD | 0 | 0 | 0 | NR | 0 | 0 | 0 | NR | 0 | NR | 0 | NR | 0 | NR | 26 | C-11074 |
| 1969 | U | PROD&KC | 3 | 0 | 21.9 | 400 | 6 | 1 | 1.7 | NR | 1.7 | NR | 1.7 | NR | 0 | NR | 0 | C-14942 |
| 1977 | U | PRGD&KC | 5 | 0 | 36.0 | 180 | 8 | 0 | 5.0 | NR | 5.0 | NR | 5.0 | NR | 0 | NR | 0 | C-12184 |
| 1975 | T | PROD | 2 | 0 | 23 | NR | 13 | 3 | 6.0 | NR | 0 | NR | 0 | NR | 0 | NR | 0 | C-17568 |
| NR | NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 2 | C-18200 |
| 1975 | U | KC | 1 | 0 | 6.5 | NR | 24 | 0 | 0 | NR | 0 | NR | 0 | NR | 0 | NR | 0 | C-18102 |
| | | | | | | | | | | | | | | | | | | |
| 1976 | U | PROD | 1 | 0 | 10.7 | 51.2 | 2 | 0 | 1.2 | 5.7 | 0.1 | 0.5 | 0 | 0 | 0 | 0 | 0 | C-17356 |
| | | | | | | | | | | | | | | | | | | |
| 1981 | U | PROD | 1 | 0 | 17.1 | 17.1 | 40 | 0 | 59.1 | 59.1 | 17.0 | 17.0 | 27 | CR6812 | 0 | 0 | 0 | |
| 1974 | U | PROD | 1 | 0 | 3.6 | 29.2 | 2 | 0 | 1.8 | 9.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | C-17283 |
| | | | | | | | | | | | | | | | | | | |
| 1955 | T | PROD | 1 | 0 | 12.0 | 468 | 2 | 0 | 0.4 | NR | 0.4 | 47.3 | 0 | 47.3 | 0 | 0 | 0 | C-5633 |
| 1945 | T | PROD | 1 | 0 | 99.0 | 495 | 9 | 0 | 16.1 | NR | 12.0 | 258 | 0 | 258 | 0 | 0 | 0 | C-199 |
| 1960 | T | PROD | 2 | 0 | 36.5 | 669 | 5 | 0 | 2.9 | NR | 1.9 | 69.7 | 0 | 69.7 | 0 | 0 | 0 | C-5835 C-202 |
| | | | | | | | | | | | | | | | | | | |
| 1974 | T | PROD | 1 | 0 | 7.3 | NR | 2 | 0 | 1.9 | NR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | C-17368 |
| | | | | | | | | | | | | | | | | | | |
| 1966 | U | PROD | 2 | 0 | 84.0 | 668 | 7 | 0 | 3.0 | 26.7 | 0.7 | 7.1 | 0 | 7.1 | 0 | 0 | 0 | C-13346 |
| 1966 | U | PRCD | 1 | 0 | 23.3 | 209 | 7 | 0 | 2.5 | 18.3 | 0.6 | 4.9 | 0 | 4.9 | 0 | 0 | 0 | C-13052 |
| | | | | | | | | | | | | | | | | | | |
| 1952 | U | PROD & KC | 6 | 0 | 43.2 | NR | 37 | 1 | 8.7 | NR | 4.3 | NR | 0 | NR | 0 | 0 | 0 | C-2863 |

| OPERATOR ----- LOCATION | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ | OIL PRODUCING ZONE | | | |
|---|------------------------|-----------------------|------------|--------------------|-------|-------|-------|
| | | | | NAME | DEPTH | THK | GRAV |
| | | | | ----- | ----- | ----- | ----- |
| COCMANCHE COUNTY ===== | | | | | | | |
| COLLIER FLATS FIELD ----- | | | | | | | |
| HALLIBURTON OIL 24,26-33S20W | C-17128 | COLLIER FLATS UNIT | P | LKC | 4744 | 5 | 44.0 |
| LEMON RANCH FIELD ----- | | | | | | | |
| KRM PETROLEUM 13,14,23,24-34S20W | CR11794 | LEMON | P | LKC SWO | 4800 | 6 | 41.0 |
| COWLEY COUNTY ===== | | | | | | | |
| AL BRIGHT FIELD ----- | | | | | | | |
| RANGE OIL CO 27,34,35-33S 5E | CR-4813 | BROWN C UNIT | W | MISS | 3041 | 10 | NR |
| ALBRIGHT FIELD ----- | | | | | | | |
| DECK OIL 35-35S 5E | CR-7811 | GANN | D | MISS | 3056 | 22 | NR |
| DECK OIL 2-34S 5E | C-10481 | ALBRIGHT | P | MISS | 3100 | 12 | 39.0 |
| M.D. SHORT 1,2,10,11-34S 5E | C-16740 | ALBRIGHT | W | MISS | 3100 | 15 | 37.0 |
| ATLANTA FIELD ----- | | | | | | | |
| PERKINS OIL 3-30S 6E | CR-8812 | MAY-KING | D | STAL | 1818 | 4 | 34.0 |
| BERNSDORF FIELD ----- | | | | | | | |
| GRALAPP & EVERLY 33,34-31S4E 4-32S4E | C-11121 | SONTAG-BERNSDORF | W | BARTL | 3050 | 10 | NR |
| M.M. MILLS 4-32S4E | C-11349 | BERNSDORF | | BARTL | NR | NR | NR |
| BIDDLE NW FIELD ----- | | | | | | | |
| STEWART BROS. 1-32S 4E 36-31S 4E 31-31S 5E 6-32S 5E | C-7358 | BIDDLE NW UNIT | P | CATTL | 2955 | 18 | 37.0 |
| BOLACK FIELD ----- | | | | | | | |
| R.R. ABCERHALDEN 21-32S 6E | C-9844 | BOLACK WF UNIT | W | CATTLE | 150 | 16 | 37.0 |
| BOX FIELD ----- | | | | | | | |
| K.T. WIEDEMANN TRUST 20,25-30S 7E | C-17807 | MELVIN R. STOLF | W | MISS | 2854 | 30 | 39.0 |
| BRANDENBURG FIELD ----- | | | | | | | |
| AYLWARD DRILLING 3-35S 3E | C-16770 | BRANDENBURG | W | MISS | 3355 | 15 | 35.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | PROJECT | |
|----------------|-----|-------------|-------|-----|--------------|------|-------|-----|-------------|-----------------|--------|------|-------|----|------------------|--|
| FIRST YR | TYP | SOURCE | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC | PROD | NOTES | NO | | |
| | | | TOT | NEW | MB OR (MMCF) | 1982 | TOT | NEW | MB CR(MMCF) | 1982 | CUM | | | | | |
| | | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | | | | |
| 1973 | U | PROD | 2 | 0 | 29.0 | 337 | 2 | 0 | 4.0 | 164 | 4.0 | 10.9 | | | C-17128 | |
| 1979 | | NR | 3 | 0 | NR | NR | 12 | 1 | 106 | 347 | NR | NR | | | CR11794 | |
| 1977 | U | PROD | 1 | 0 | 52.7 | 192 | 10 | 0 | 12.2 | 211 | 0 | NR | | | CR-4813 | |
| 1981 | U | PROD | 1 | 0 | 4.7 | 4.7 | 2 | 0 | 1.6 | 1.6 | 1.6 | 1.6 | | | CR-7811 | |
| 1964 | U | PROD | 7 | 0 | 63.2 | 637 | 7 | 0 | 21.1 | 374 | 8.4 | 55.1 | | | C-10481 | |
| 1963 | U | PROD | 2 | 0 | 52.9 | 642 | 17 | 0 | 13.9 | 564 | 13.9 | 564 | | | C-16740 | |
| 1981 | U | PROD | 1 | 1 | 96.8 | 96.8 | 2 | 1 | 0.8 | NR | 0 | NR | | | CR-8812 | |
| NR | U | PROD | NR | NR | 4.0 | NR | NR | NR | 1.0 | NR | NR | NR | 28 | | C-11121 | |
| NR | | NR | NR | 0 | 0 | NR | 0 | 0 | 0 | NR | NR | NR | | | C-11349 | |
| 1961 | U | PROD | 1 | 0 | 18.0 | 9543 | 2 | 0 | 0.1 | 329 | NR | NR | | | C-7358 C-5563 | |
| 1963 | T | PROD & MISS | 2 | 0 | 330 | 5621 | 3 | 0 | 2.5 | 391 | 2.5 | NR | | | C-9844 | |
| 1975 | T | PROD | 1 | 0 | 55.2 | 428 | 9 | 1 | 8.4 | 638 | NR | NR | | | C-17807 | |
| 1973 | T | PROD | 1 | 0 | 27.4 | 214 | 3 | 0 | 4.2 | 154 | 4.2 | 32.0 | | | C-16770 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- | |
|---|------------------------|-----------------------|-------------------|--|--|
| COWLEY COUNTY ===== | | | | | |
| BRANSON FIELD ----- | | | | | |
| GRALAPP & EVERLY 29,32-32S 7E | C-16081 | BRANSON | W | BARTL 2900 20 39.0 | |
| BURDEN FIELD ----- | | | | | |
| TEXACO 29,32-32S 7E 19,20,29,30,31-31S 6E | C-9593 | BURDEN UNIT | W | BARTL 2950 30 38.0 | |
| WILSON DRILLING 17,18-31S 6E | C-16342 | KEESEY-BLANCHAT | P | BARTL 2820 80 38.4 | |
| COMBS FIELD ----- | | | | | |
| TCMLINSON OIL 5-30S 5E | C-4028 | COMBS | D | BARTL 2530 9 40.0 | |
| COPELAND FIELD ----- | | | | | |
| CLYDE PETROLEUM 33-34S 4E 4-35S 4E | C-18533 | BOSSI UNIT | P | MISS 3194 20 NR | |
| DANIELS FIELD ----- | | | | | |
| LEE PHILLIPS OIL 7,8-30S 5E | C-16632 | DANIELS FLOOD | P | BARTL 2950 40 39.0 | |
| DAVID FIELD ----- | | | | | |
| GEAR PETROLEUM 25,26-30S 4E | C-8007 | NORTH DAVID UNIT | W | BARTL 2975 18 39.0 | |
| KEITH D. LEAKE 26-30S 4E | C-16403 | KURTZ | P | BARTL 2945 12 39.0 | |
| MARTIN OIL (DENVER) 9-31S 4E | CR-5781 | SATTLER | P | BARTL 2940 12 38.0 | |
| DEXTER FIELD ----- | | | | | |
| COMMONWEALTH PETR 18-33S 7E | CR-1786 | JONES SWD | D | MISS 2760 11 37.0 | |
| DILLARD FIELD ----- | | | | | |
| REX & MORRIS DRLG | C-11853 | GRAHAM | W | BARTL 2875 25 40.0 | |
| 5,7,8-30S 5E | | | | | |
| DUNCAN FIELD ----- | | | | | |
| M.M. MILLS 3-34S 3E | C-11686 | MARTIN | W | KC NR NR NR | |
| ESTEP FIELD ----- | | | | | |
| TEXACO 21-34S 6E | C-13509 | C.W. ESTEP | P | STAL 1802 16 41.0 | |
| ESTEP WEST FIELD ----- | | | | | |
| CLYDE M. BECKER 19,20,29,30-34S 6E | C-16839 | ESTEP W. CHAT UNIT | W | MISS 3100 16 40.0 | |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|-----|-------------|-------|-----|------|--------------|-----|-----|----------|-----------------|------|----------|----|----------|--------|---------|-------|----|
| FIRST YR | TYP | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD | NOTES | NO |
| | | | TOT | NEW | | MB OR (MMCF) | TOT | NEW | MB | CR(MMCF) | TOT | NEW | MB | CR(MMCF) | | | | |
| | | | | | | 1982 CUM | | | 1982 CUM | | | 1982 CUM | | 1982 CUM | | | | |
| | | | | | | 1981 | | | 1981 | | | 1981 | | 1981 | | | | |
| 1970 | T | PROD | 2 | 0 | 32.8 | NR | 3 | 0 | 3.5 | 297 | 2.1 | NR | | | | C-16081 | | |
| 1963 | U | PROD | 5 | 0 | 434 | 30152 | 11 | 0 | 22.8 | 1459 | 22.8 | 1459 | | | | C-9593 | | |
| 1968 | T | PROD | 2 | 0 | 100 | 2.1 | 16 | 0 | 18.3 | 0.4 | 18.0 | NR | | | | C-16342 | | |
| 1954 | U | PROD | 1 | 0 | 51.0 | 1065 | 2 | 0 | 1.6 | 415 | 1.6 | 117 | | | | C-4028 | | |
| 1977 | U | PROD | 1 | 0 | 127 | NR | 12 | 1 | 14.2 | 162 | 0 | NR | | | | C-18533 | | |
| 1971 | U | PROD | 1 | 0 | 82.2 | 1904 | 2 | 0 | 7.7 | 210 | 7.2 | 18.5 | | | | C-16632 | | |
| 1960 | U | PROD & STAL | 2 | 0 | 25.4 | 317 | 3 | 0 | 1.0 | 814 | 1.0 | 814 | | | | C-8007 | | |
| 1972 | U | PROD | 1 | 0 | 50.0 | NR | 1 | 0 | 0.8 | NR | 0 | NR | | | | C-16403 | | |
| 1978 | U | PRCC | 1 | 0 | NR | 164 | 5 | 0 | NR | 35.0 | 0 | 0 | | | | CR-5781 | | |
| 1978 | T | PROD | 1 | 0 | 0.9 | NR | 8 | 0 | 16.1 | NR | 0 | NR | 29 | | | CR-1786 | | |
| 1965 | U | PROD | 1 | 0 | 101 | NR | 2 | 0 | 1.3 | 245 | 0 | 0 | | | | C-11853 | | |
| NR | U | PROD | 2 | 0 | 3.6 | NR | 2 | 0 | 1.7 | NR | NR | NR | | | | C-11686 | | |
| NR | U | PRCC | 1 | 0 | 56.0 | 574 | 1 | NR | 2.7 | 143 | 2.7 | 109 | | | | C-13509 | | |
| 1973 | T | PROD & LAY | 4 | NR | 190 | 827 | 10 | NR | 15.8 | 153 | 1.9 | 3.3 | | | | C-16839 | | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- | |
|---|------------------------|------------------------|-------------------|--|--|
| COWLEY COUNTY | | | | | |
| ESTES FIELD | | | | | |
| TEXACO 1-32S 6E 6-32S 7E 31-31S 7E | C-7841 | G.O. BROOKS | P | COT GR 2136 12 38.2 | |
| FOX-BUSH-COUCH FIELD | | | | | |
| AM PETROFINA TEXAS 12-30S05E | C-4611 | HOWARD "B" | BARTL | NR NR NR | |
| EAGLEHEAD OIL 13-30S05E | CR10791 | COUCH | P | BARTL 2804 62 41.0 | |
| PERKINS OIL 13-30S05E | CR10803 | WAKEFIELD | D | BARTL NR NR NR | |
| FRA-MAR FIELD | | | | | |
| CARL H. ALLAM 22-30S4E | C-13624 | FEASTER | BARTL | NR NR NR | |
| FROG HOLLOW FIELD | | | | | |
| KEITH D. LEAKE 15,21-32S SE | C-18180 | BLOOMFIELD | W | BARTL 3124 25 41.0 | |
| PHILLIPS PETROLEUM 17-32S SE | C-7136 | LENA | W | BARTL 3035 25 41.0 | |
| FROG HOLLOW EAST FIELD | | | | | |
| KEITH D. LEAKE 11,12,14,15-32S 5E | C-14320 | EAST FROG HOLLOW UNIT | BARTL | 3000 13 38.0 | |
| GEUDA SPRINGS FIELD | | | | | |
| EARL F. WAKEFIELD 32-33S 3E | C-3549 | HOWER | D | BARTL 3300 34 39.0 | |
| PETROLEUM MANAGEMENT 8-34S 3E | CR12785 | FAIR | D | MISS 3337 18 NR | |
| PRES-LO INC 20-34S 3E | CR-4781 | BOOTON | P | BARTL 3380 20 37.0 | |
| GIBSON FIELD | | | | | |
| ALADDIN PETROLEUM 32-34S03E | C-7357 | BAIRD & DENNAN | BARTL | NR NR NR | |
| MCNEISH OIL OPER | | | | | |
| 29-34S 3E | C-4538 | WILSON | W | BARTL 3380 18 34.0 | |
| GRAHAM FIELD | | | | | |
| BERGER OIL 10-33S 3E | C-15017 | NIXON | W | MISS 3241 10 41.0 | |
| CREST PETROLEUM 1,2-33S 3E | C-15536 | CREST GRAHAM UNIT | W | MISS 3233 26 40.0 | |
| CREST PETROLEUM 10-33S 3E | C-16692 | WRIGHT B | P | MISS 3251 16 41.0 | |
| CREST PETROLEUM 10,15-33S 3E | C-13495 | BRADBURY MILLER WRIGHT | W | MISS 3255 30 41.0 | |
| CREST PETROLEUM 2-33S 3E | C-16280 | NELSON | MISS | 3268 30 40.0 | |
| EARL F. WAKEFIELD 11-33S 3E | C-8938 | BOYLES | P | BARTL 3275 15 40.0 | |

| INJECTION DATA | | | | PRODUCTION DATA | | | | | | | | PROJECT | | |
|----------------|-----|-------------|-------|-----------------|--------------|------|-------|----------|-------------|------|-------------|---------|-------|---------|
| FIRST | TYP | SOURCE | WELLS | VOL INJ | | | WELLS | PROD VOL | | | ENHANC | PROD | NOTES | NO |
| YR | WTR | | TOT | NEW | MB OR (MMCF) | | TOT | NEW | MB CR(MMCF) | | MB OR(MMCF) | | | |
| | | | | | 1982 | CUM | | | 1982 | CUM | 1982 | CUM | | |
| | | | | | 1981 | | | | 1981 | | 1981 | | | |
| 1961 | U | PROD | | 1 | 0 | 135 | 751 | 1 | 0 | 0.7 | 15.2 | 0 | 0 | C-7841 |
| NR | NR | NR | | 1 | 0 | 350 | 561 | 2 | 0 | 1.3 | 206 | 1.3 | 3.7 | C-4611 |
| 1979 | U | PROD | | 2 | 0 | 518 | 1033 | 6 | 1 | 12.4 | 35.6 | 10.0 | 25.0 | CR10791 |
| 1980 | U | PROD | | 1 | 0 | 278 | 320 | 2 | 0 | 4.2 | 6.9 | 2.0 | 2.0 | CR10803 |
| NR | N | NR | | 1 | NR | 3.7 | NR | 1 | | 0.3 | NR | NR | NR | C-13624 |
| 1976 | U | PRCD | | 1 | 0 | 15.0 | NR | 2 | 0 | 0.4 | NR | NR | NR | C-18180 |
| 1959 | L | PROD | | 1 | 0 | 39.9 | 1250 | 3 | 0 | 1.0 | 136 | 1.0 | 136 | C-7136 |
| 1968 | U | PROD | | 1 | 0 | 45.0 | NR | 5 | 0 | 2.1 | NR | NR | NR | C-14320 |
| 1954 | | PROD | | 1 | 0 | 146 | 3645 | 1 | 0 | 0.7 | 74.4 | 0.4 | 37.2 | C-3549 |
| 1979 | T | PROD | | 1 | 0 | 15.5 | 42.8 | 1 | 0 | 1.8 | 137 | 0 | 1.9 | CR12785 |
| 1978 | T | PROD | | 1 | 0 | 45.0 | 148 | 2 | 0 | 1.4 | 5.5 | 0 | NR | CR-4781 |
| NR | NR | NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | 2 | C-7357 |
| 1959 | U | PROD | | 2 | 0 | 3.5 | 3999 | 4 | 0 | 1.0 | 245 | 0 | NR | C-4538 |
| 1969 | U | PROD & LAY | | 1 | 0 | 18.5 | 193 | 3 | 0 | 4.5 | 107 | 4.5 | 107 | C-15017 |
| 1970 | T | PROD & STAL | | 6 | 0 | 157 | 2143 | 16 | 0 | 19.4 | 228 | NR | NR | C-15536 |
| 1972 | T | PRCD | | 1 | 0 | 4.0 | 36.7 | 1 | 0 | 10.5 | 47.7 | NR | NR | C-16692 |
| 1967 | T | PROD & STAL | | 5 | 0 | 106 | 2120 | 10 | 0 | 7.7 | 230 | NR | NR | C-13495 |
| 1971 | T | PROD | | 1 | 0 | 34.0 | 371 | 4 | 0 | 9.2 | 56.1 | NR | NR | C-16280 |
| 1961 | U | PROD | | 1 | 0 | 87.6 | 2030 | 4 | 0 | 1.3 | 133.5 | 0.3 | 33.4 | C-8938 |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ ----- | OIL PRODUCING ZONE | | | |
|--|------------------------|-----------------------|---------------------|--------------------|-------|-----|------|
| | | | | NAME | DEPTH | THK | GRAV |
| COWLEY COUNTY ===== | | | | | | | |
| GRAHAM FIELD ----- | | | | | | | |
| TEXACO 7-33S 4E | CR-9799 | SCHUL | W | MISS | 3234 | 50 | 38.2 |
| GROUSE CREEK FIELD ----- | | | | | | | |
| EAGLEHEAD OIL 16-30S 07E | CR-4804 | WHITEMAN-DAVIS | D | MISS | 2850 | 12 | 37.5 |
| GUTHIE FIELD ----- | | | | | | | |
| DUNBAR & PERRY 30-33S 8E | CR-2811 | PERRY-SNYDER | P | WEISER | 2273 | 7 | NR |
| HARVEY FIELD ----- | | | | | | | |
| AYLWARD DRILLING 14-24S 3E | C-14142 | FUSSELL WF | P | LKC | 2839 | 6 | 37.0 |
| AYLWARD DRILLING 28-34S 3E | C-4843 | HARVEY UNIT | D | BARTL | 3278 | 20 | 37.0 |
| MCNEISH OIL OPER 15-34S 3E | C-4536 | SNYDER | W | BARTL | 3270 | 18 | 36.0 |
| HIGBY FIELD ----- | | | | | | | |
| LANDERS & MUSGROVE 31-34S 6E | C-16022 | HIGBY -WOODS | P | MISS | 3140 | 20 | 39.0 |
| WATSON OIL 30-34S 06E | CR-4771 | BAIRD | D | MISS | 3100 | 12 | 38.0 |
| LARCOM FIELD ----- | | | | | | | |
| DAWSON-MARKWELL EXPL 4-34S 04E | C-11742 | DUNBAR-MCFARLAND | P | LAY | 2300 | 6 | 38.0 |
| LFJ FIELD ----- | | | | | | | |
| RANGE OIL 33-22S 5E | C-18569 | JARVIS B | P | MISS | 3129 | 15 | 36.0 |
| MADDIX NORTH FIELD ----- | | | | | | | |
| GODSEY-EARLOLGER 1,2,12,14-33S 5E | C-14558 | MADDIX NORTH UNIT | P | MISS | NR | NR | NR |
| MADDIX WEST FIELD ----- | | | | | | | |
| RANGE OIL 15-33S 5E | CR-3791 | COFFMAN | P | MISS | 3110 | 20 | 36.0 |
| MAY HILL FIELD ----- | | | | | | | |
| CLYDE PETROLEUM 9-35S 4E | CR11805 | F. BOSSI | P | MISS | 3301 | NR | 38.0 |
| MC KAY FIELD ----- | | | | | | | |
| W.J. LAMBERTON 6,7,8-35S 4E | C-6722 | MC KAY | W | BARTL | 3300 | 25 | 40.0 |
| MURPHY FIELD ----- | | | | | | | |
| STELBAR OIL 30,31-34S 3E | C-17596 | JONES | W | BARTL | 3395 | 20 | 40.0 |

| INJECTION DATA | | | | PRODUCTION DATA | | | | | | PROJECT | | | |
|----------------|-----|-------------|-------|-----------------|--------------|-------|------|-------------|-------------|---------|-------|------|------------------|
| FIRST | TYP | SOURCE | WELLS | VOL | INJ | WELLS | PROD | VOL | ENHANC | PROD | NOTES | NO | |
| YR | WTR | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | MB OR(MMCF) | CUM | | | |
| | | | 1982 | CUM | | 1982 | CUM | 1982 | 1982 | CUM | | | |
| | | | | | 1981 | | | | | 1981 | | | |
| 1979 | U | PROD | 1 | 0 | 6.6 | 19.3 | 1 | 0 | 6.1 | 43.8 | 0 | 0 | CR-9799 |
| 1980 | U | PRCD | 1 | 0 | 13.9 | 24.8 | 2 | 0 | 1.1 | 4.4 | 0.4 | 1.6 | CR-4804 |
| 1981 | | NR | 1 | 0 | 58.5 | NR | 16 | 0 | 9.3 | NR | NR | NR | 5 CR-2811 |
| 1968 | T | PROD | 1 | 0 | 47.5 | 448 | 3 | 0 | 3.9 | 161 | 3.9 | 49.1 | C-14142 |
| 1961 | T | PRCD | 1 | 0 | 40.2 | 433 | 1 | 0 | 0.5 | 52.1 | 0.5 | 51.4 | C-4843 |
| 1955 | M | PROD & FR | 1 | 0 | 3.7 | 143 | 2 | 0 | 2.0 | 162 | NR | NR | C-4536 |
| 1959 | U | PROD | 1 | 0 | 18.3 | 772 | 3 | 1 | 5.5 | 59.8 | 1.6 | 20.1 | C-16022 |
| 1977 | U | PRCD | | | | | | | | | | | CR-4771 |
| 1964 | U | PROD | 1 | 0 | 21.9 | NR | 1 | 0 | 2.6 | NR | 0.7 | NR | C-11742 |
| 1976 | U | PROD | 1 | 0 | 21.9 | 61.3 | 3 | 1 | 5.1 | 23.3 | 3.0 | 11.0 | C-18569 |
| NR | U | PRCD | 4 | 0 | 420 | 5143 | 18 | 0 | 30.5 | 1191 | 29.0 | 384 | C-14558 |
| 1979 | T | PROD | 1 | 0 | 82.9 | 221 | 4 | 0 | 4.3 | 36.1 | 0 | NR | CR-3791 |
| NR | U | PROD | 2 | 0 | 25.6 | NR | 5 | 1 | 2.1 | 11.4 | 0 | NP | CR11805 |
| 1959 | M | PROD & FR | 11 | 0 | 380 | NR | 11 | 0 | 10.5 | 103 | 10.5 | 103 | C-6722 C-5238 |
| 1974 | U | PROD & STAL | 5 | 0 | 1331 | 4381 | 11 | 0 | 26.2 | NR | 26.2 | 105 | C-17596 |

| OPERATOR ----- LOCATION | PROJECT NO ----- | PROJECT NAME | TYP PRJ --- | OIL PRODUCING ZONE | | | |
|---|------------------------|---------------------|-------------------|--------------------|----------------|--------------|---------------|
| | | | | NAME ----- | DEPTH ----- | THK ----- | GRAV ----- |
| CCWLEY COUNTY ===== | | | | | | | |
| NIGGER CREEK FIELD ----- | | | | | | | |
| TEMPLE & ROARK 22-34S 03E | CR-7771 | MORGAN LSE | | BARTL | NR | NR | NR |
| CITO FIELD ----- | | | | | | | |
| COMMONBLEATH PETR 24-34S 6E | CR11784 | MEADE | W | LAY | NR | NR | NR |
| POSEY FIELD ----- | | | | | | | |
| MEYER MORAN REVOCABL 21-33S 4E | C-10928 | MURET | D | MISS | 3150 | 10 | 40.0 |
| RAHN FIELD ----- | | | | | | | |
| LANDERS & MUSGROVE 13-34S 5E | C-3427 | J. RAHN | D | BARTL | 2900 | 20 | 36.0 |
| LANDERS & MUSGROVE 12,13-34S 5E | C-2844 | RAHN | D | BARTL | 2900 | 22 | 38.0 |
| W.D. SHORT 32-33S 6E | C-3386 | RAHN UNIT I | W | BARTL | 2800 | 15 | 40.0 |
| RAINBOW BEND FIELD ----- | | | | | | | |
| MCNEISH OIL OPER 19-33S 3E | C-7468 | RAINBOW BEND WEST | W | BARTL | 3180 | 12 | 40.0 |
| MEAD PRODUCTION 16-33S 3E | C-9696 | HUNT UNIT | D | BARTL | 3200 | 20 | 41.0 |
| S & G OIL 16,21-33S 3E | C-2918 | J.U. HUNT | | BARTL | 3200 | 25 | 40.0 |
| W.D. SHORT 17,20-33S 3E | C-2999 | WEST RAINBOW BEND | W | BARTL | 3240 | 18 | 41.0 |
| ROCK FIELD ----- | | | | | | | |
| STELBAR OIL 11,14,15,16-30S 4E | C-3085 | ROCK UNIT | W | CATTLE | 2750 | 20 | 39.0 |
| STELBAR OIL 2,3,9,10-30S 4E | C-12366 | ROCK NORTH | W | CATTLE | 2800 | 20 | 39.0 |
| STEVE COWAN 11-30S 4E | C-15895 | ROCK UNIT 1 | D | BARTL | 2705 | 40 | 40.0 |
| SCHOOL CK. NO. FIELD ----- | | | | | | | |
| TEMPLE & ROARK 2-32S07E | C-17738 | ROGERS | | LAY | NR | NR | NR |
| SCHOOL CREEK FIELD ----- | | | | | | | |
| PETROLEUM ENTERPRISE 3-32S 7E | C-6985 | BARGER | P | LAY | 2021 | 15 | 38.0 |
| PETROLEUM ENTERPRISE 10,11-32S 7E | C-6951 | BEAMER-MILLER-DAVIS | P | LAY | 2140 | 30 | 39.0 |
| SHANNON FIELD ----- | | | | | | | |
| LEWIS OPERATION 23,24,25,26,27-31S5E 35-31S5E | C-9056 | SHANNON UNIT | P | LAYTON | 2300 | 16 | 42.0 |
| SLICK-CARSON FIELD ----- | | | | | | | |
| W.D. SHORT 19-32S 3E | C-17416 | SLICK-CARSON | W | LAY | 2600 | 30 | 38.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|-----|-------------|-------|-----|--------------|---------|-----|-------------|-------|-----------------|-------------|----------|------|------|--------|---------|---------|---------|
| FIRST YR | TYP | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | | PROD NO | |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | TOT | NEW | MB OR(MMCF) | 1982 | CUM | 1982 | CUM | 1982 | CUM | |
| | | | | | 1982 | | | | | | | 1982 | | 1982 | | 1982 | | |
| | | | | | 1981 | | | | | | | 1981 | | 1981 | | 1981 | | |
| NR | | NR | 0 | 0 | NR | NR | 0 | 0 | NR | NR | NR | NR | NR | NR | NR | NR | 2 | CR-7771 |
| 1978 | U | PROD | 1 | 0 | 120 | NR | 2 | 0 | 2.0 | NR | 0 | NR | 0 | NR | 30 | CR11784 | | |
| 1964 | U | PROD & STAL | 1 | 0 | 91.3 | 1329 | 3 | 0 | 3.9 | 116 | NR | NR | NR | NR | | C-10928 | | |
| 1952 | U | PROD & ELGI | 1 | 0 | 146 | NR | 1 | 0 | 2.2 | NR | 1.8 | NR | NR | NR | 31 | C-3427 | | |
| 1952 | U | PRCD | 3 | 0 | 146 | 3319 | 3 | 0 | 3.7 | 782 | NR | NR | NR | NR | | C-2844 | | |
| 1945 | U | PROD | 2 | 0 | 290 | 2077 | 15 | 0 | 18.6 | 1339 | 18.6 | 1339 | 1339 | 1339 | | C-3386 | | |
| 1960 | M | PROD & FR | 1 | 0 | 32.6 | 1428 | 1 | 0 | 1.7 | 111 | NR | NR | NR | NR | | C-7468 | | |
| 1952 | T | PROD | 1 | 0 | 73.0 | 2528 | 2 | 0 | 2.5 | 324 | 2.5 | 324 | 324 | 324 | | C-9696 | | |
| 1957 | U | PRCD | 1 | 0 | 438 | 6120 | 1 | 0 | 6.1 | 377 | 3.0 | 189 | 189 | 189 | | C-3239 | | |
| 1952 | U | PROD | 1 | 0 | 365 | 49847 | 10 | 0 | 11.4 | NR | 11.4 | NR | NR | NR | | C-2518 | | |
| 1952 | U | PROD | 1 | 0 | 365 | 49847 | 10 | 0 | 11.4 | NR | 11.4 | NR | NR | NR | | C-6330 | | |
| 1952 | U | PROD | 1 | 0 | 365 | 49847 | 10 | 0 | 11.4 | NR | 11.4 | NR | NR | NR | | C-2999 | | |
| 1951 | T | PROD & STAL | 9 | 1 | 794 | 30505 | 8 | 2 | 47.3 | NR | 47.3 | 1381 | 1381 | 1381 | | C-3085 | | |
| 1966 | T | PROD & STAL | 7 | 0 | 1290 | 17919 | 12 | 0 | 31.2 | NR | 31.2 | 1676 | 1676 | 1676 | | C-12366 | | |
| NR | U | PROD | 1 | 0 | 5.0 | NR | 1 | 0 | 1.0 | NR | 0.5 | NR | NR | NR | | C-15895 | | |
| NR | | NR | 1 | 0 | 113 | NR | 5 | 0 | 0 | NR | 8.0 | NR | NR | NR | | C-17738 | | |
| NR | T | PROD | 5 | 0 | 239 | NR | 11 | 1 | 8.9 | NR | 0 | NR | NR | NR | | C-6585 | | |
| 1963 | T | PRCD | 6 | 0 | 398 | NR | 11 | 0 | 2.4 | NR | 0 | NR | NR | NR | | C-6951 | | |
| 1962 | U | WATER WELLS | 7 | 0 | 1119 | 30763 | 19 | 0 | 34.6 | 6063 | 34.6 | 5095 | 5095 | 5095 | | C-9056 | | |
| 1959 | U | PROD | 1 | 0 | 219 | 4511 | 5 | 1 | 3.0 | NR | 3.0 | NR | NR | NR | | C-17416 | | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- | |
|--|------------------------|-----------------------|--------------------|--|--|
| COWLEY COUNTY ===== | | | | | |
| SMITH FIELD ===== | | | | | |
| BRUNSON PRODUCTION 10,15-31S 3E | C-12927 | SMITH WF | W | BARTL 3000 16 37.0 | |
| STAYTON SOUTH FIELD ===== | | | | | |
| S.J. ROARK 5-35S 4E | C-8457 | HUSTED | D | BARTL 3200 NR 34.0 | |
| TREES FIELD ===== | | | | | |
| JAMES A. COOK 19,30-30S 4E | C-10811 | TREES WF | W | BARTL NR NR NR | |
| TURNER NORTH FIELD ===== | | | | | |
| EAGLEHEAD OIL 18,19,20-32S06E | CR-6801 | BRISCO | D | MISS 3100 24 37.5 | |
| HAMMER & MACLEAN 18-32S 6E | C-17207 | HAMMER | D | BARTL 2800 75 36.0 | |
| WALDSCHMIDT FIELD ===== | | | | | |
| CREST PETROLEUM 7,8-34S 6E | C-16946 | WALDSCHMIDT RAHN | P | MISS 3065 20 38.0 | |
| LANDERS & MUSGROVE 17-34S 6E | C-18305 | JERRY | D | MISS 3050 14 39.0 | |
| WERNER FIELD ===== | | | | | |
| FRANK GRONES 30-32S6E | C-8340 | FEASTER UNIT | D | LAY 2700 10 36.0 | |
| WILHOT-FLORAL FIELD ===== | | | | | |
| DAWSON-MARKWELL EXPL 17,20-31S 5E | C-15713 | NORA KING UNIT | W | BARTL 2884 12 40.8 | |
| DAWSON-MARKWELL EXPL 33-30S 5E | C-18065 | STUBEN | P | MISS 2910 20 29.0 | |
| J & L OIL 27-30S 4E | C-15369 | JOHNSON | | BARTL NR NR NR | |
| WINFIELD FIELD ===== | | | | | |
| EARL F. WAKEFIELD | C-9975 | B.G. THIRSK | D | BARTL 2900 7 38.0 | |
| 26-32S 4E GULF 4-24S 4E H.H. BLAIR OIL 25-32S 4E KARL O. MAGNUSSON 24-32S04E | | | | | |
| C-1857 | H. SHANNON | D | BARTL NR NR 41.0 | | |
| C-8785 | LORTON | W | BARTL 2900 14 37.0 | | |
| C-17824 | DETMER | D | BARTL NR NR NR | | |
| *SEE ALSO BUTLER-COWLEY | | | | | |
| CRAWFORD COUNTY ===== | | | | | |
| FARLINGTON FIELD ===== | | | | | |
| G.N. BABCOCK 3-28S23E | C-14980 | GRANNEMAN | W | PERU 185 20 30.0 | |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|--------|-------------|-----|---------|------|--------------|------|----------|-------------|-----------------|------|------------|------|---------|---------|---------|--|
| FIRST TYP | SOURCE | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC | | PROD NOTES | NO | | | | |
| | | YR | WTR | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR(MMCF) | MB OR(MMCF) | CUM | --- | --- | --- | | | |
| | | | | | | 1982 | | | 1982 | | | | | | | | |
| | | | | | | (981) | | | (981) | | | | | | | | |
| 1966 | U | PROC & STAL | 4 | 0 | 966 | 9955 | 8 | 0 | 19.7 | 588 | NR | NR | 32 | C-12927 | | | |
| NR | U | NR | | 1 | 0 | 18.0 | NR | 3 | 0 | 0.8 | NR | NR | NR | C-8457 | | | |
| NR | U | PROD | | 1 | 0 | 164 | NR | 3 | 0 | 3.7 | NR | NR | NR | C-10811 | | | |
| 1980 | U | PROD | | 1 | 0 | 115 | 264 | 2 | 0 | 3.0 | 9.0 | 0.3 | 0.3 | CR-6801 | | | |
| 1975 | | NR | | 2 | 0 | 169 | 775 | 8 | 0 | 15.8 | 119 | 15.8 | 119 | C-17207 | | | |
| 1973 | T | PROD | | 1 | 0 | 3.1 | 22.6 | 7 | 0 | 5.9 | 82.7 | NR | NR | C-16946 | | | |
| 1976 | U | PROD & MISS | | 1 | 0 | 23.3 | 140 | 1 | 0 | 1.8 | 11.5 | 3.1 | 3.1 | C-18305 | | | |
| 1970 | T | PROD | | 3 | 0 | 162 | 1200 | 9 | 0 | 8.9 | NR | 6.1 | NR | 33 | C-8340 | | |
| 1970 | T | PROD & MISS | | 2 | 0 | 146 | NR | 4 | 0 | 9.9 | NR | 1.9 | NR | C-15713 | | | |
| 1977 | T | PROD | | 1 | 0 | 128 | 274 | 7 | 2 | 6.3 | 22.8 | 1.3 | NR | C-18069 | | | |
| NR | | NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 3 | C-15369 | | |
| 1963 | T | PROD | | 1 | 0 | 41.9 | 1005 | 5 | 0 | 1.7 | 77.2 | 0.4 | 19.3 | C-9575 | | | |
| 1948 | U | PRCD | | 1 | 0 | 0.4 | 778 | 3 | 0 | 5.0 | 776 | 5.0 | 776 | C-1857 | | | |
| NR | U | PROC | | 1 | 0 | 0 | NR | 5 | 0 | 2.6 | NR | 0 | NR | 5 | C-8785 | | |
| NR | U | PRCD | | 1 | 0 | 0.1 | NR | 1 | 0 | 1.1 | NR | NR | 0 | C-17824 | | | |
| 1967 | M | PROD & MISS | 4 | 0 | 22.0 | 94.0 | 23 | 0 | 0.9 | 10.8 | 0.3 | 2.1 | | C-14980 | | | |

| OPERATOR ----- LOCATION | PROJECT NO ----- | PROJECT NAME | TYP ----- PRJ | OIL PRODUCING ZONE | NAME | DEPTH | THK | GRAV |
|--|------------------------|---------------------|---------------------|--------------------|------|-------|------|------|
| CRAWFORD COUNTY ===== | | | | | | | | |
| FARLINGTON FIELD ----- | | | | | | | | |
| KLI PETROLEUM 4-28S23E | C-18552 | RUSSELL BABER | W | BARTL | 179 | 81 | 28.0 | |
| WALTER CUNCAN OIL 2-28S23E | C-11453 | BURGE | W | PERU | 175 | 20 | 31.8 | |
| KEL-KAN OIL 2-28S23E | C-9856 | HOLTMAN | W | PERU | 162 | 20 | 31.5 | |
| HEPLER FIELD ----- | | | | | | | | |
| KLI PETROLEUM 30-27S22E | C-18553 | ALBERT ELMER | W | BARTL | 601 | 15 | 25.8 | |
| MC CUNE FIELD ----- | | | | | | | | |
| CCYLE LARGENT 33-30S22E | CR97917 | MC CUNE UNIT | W | BARTL | 250 | 20 | 30.0 | |
| KLI PETROLEUM 7-31S22E | C-17955 | SAMPLE | D | BARTL | 202 | 11 | 29.0 | |
| RALPH H. BAUMAN 30,31-30S22E | CR-7792 | BENNETT UNIT | W | BARTL | 250 | 28 | 32.0 | |
| ST. PAUL-WALNUT FIELD ----- | | | | | | | | |
| KLI PETROLEUM 28,29-28S22E | C-4926 | MCCLINTICK | P | BARTL | 370 | NR | NR | |
| WALNUT FIELD ----- | | | | | | | | |
| L & L OIL 4-28S22E 33-27S22E | CR12775 | BRODBECK | W | TUCK | 600 | 14 | 25.0 | |
| WALNUT SOUTHEAST FIELD ----- | | | | | | | | |
| L & L OIL 27-28S22E | C-7487 | WINTJEN | D | BARTL | 385 | 12 | 25.0 | |
| STEPHENS OIL 27,28-28S22E | C-3105 | WALNUT WF | W | BARTL | 370 | 12 | 28.0 | |
| DECATUR COUNTY ===== | | | | | | | | |
| ADELL NORTHWEST FIELD ----- | | | | | | | | |
| COOCO 26,27,34,35- 5S27W | C-15099 | ADELL NW | W | LANS | 3703 | 23 | 34.7 | |
| ALTORY FIELD ----- | | | | | | | | |
| RAYMOND OIL 34- 3S27W | C-15829 | STEFFEN | W | LKC | 3520 | 32 | 34.0 | |
| BLEES FIELD ----- | | | | | | | | |
| A.L. ABERCROMBIE 5,8- 1S26W | C-17018 | BLEES | D | LKC | 3250 | 10 | 32.0 | |
| DECATUR CENTER FIELD ----- | | | | | | | | |
| HALLIBURTON OIL 16,21- 3S28W | C-10845 | DECATUR CENTER UNIT | W | LKC | 3744 | 30 | 36.0 | |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|-----|-------------|-------|-----|--------------|-------|-----|-------------|-------------|-----------------|------|-------|-----|----------|--|----------|--|
| FIRST TYP | | SOURCE | WELLS | | VOL INJ | WELLS | | PROD VOL | | ENHANC | PROD | NOTES | | | | | |
| YR | WTR | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | MB OR(MMCF) | | | | | | | | |
| | | | | | 1982 | CUM | | 1982 | | CUM | 1982 | | CUM | | | | |
| | | | | | 1981 | | | 1981 | | | 1981 | | | | | | |
| 1976 | M | PROD & MISS | 5 | 0 | 0.2 | NR | 5 | 0 | 0.1 | 0.1 | 0 | 0 | | | | C-18552 | |
| 1965 | M | PROD & MISS | 22 | 0 | 80.2 | 2006 | 30 | 0 | 2.7 | 146 | 2.7 | 146 | | | | C-11453 | |
| 1962 | | PROD & BURG | 18 | 0 | 97.0 | 1848 | 31 | 6 | 5.0 | 163 | 3.6 | NR | | | | C-3856 | |
| 1976 | U | PROD & MISS | 5 | 6 | 7.5 | 15.6 | 23 | 6 | 1.8 | 18.7 | NR | NR | | | | C-18553 | |
| 1980 | F | PROD | 7 | 3 | 18.5 | 20.5 | 76 | 0 | 2.0 | NR | NR | NR | | | | CR 57917 | |
| 1958 | M | PROC & ARB | 11 | 0 | 0 | 51.0 | 16 | 0 | 0.3 | 1.0 | 0 | 0 | | | | C-17959 | |
| NR | F | PROC & ARB | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 2 | CR-7792 | | | |
| NR | | PRCD | 7 | 0 | 3.5 | 23.9 | 23 | 2 | 1.2 | 1.9 | 0 | 0 | | | | C-4926 | |
| NR | U | PRCD | 0 | 0 | 0 | NR | 12 | 0 | 1.4 | NR | 0 | NR | 2 | CR 12775 | | | |
| NR | U | PROD | 2 | 0 | 0.1 | NR | 4 | 0 | 0.1 | NR | 0.1 | NR | | | | C-7487 | |
| 1959 | M | PROC & ARB | 59 | 0 | 86.1 | 3533 | 44 | 1 | 3.9 | 243 | 3.9 | 243 | | | | C-3105 | |
| 1970 | U | PROD & CEDH | 4 | 0 | 802 | 9157 | 8 | 0 | 37.2 | 731 | 37.2 | 657 | | | | C-15099 | |
| 1971 | U | PROD | 1 | 0 | 73.0 | 987 | 2 | 0 | 2.5 | 57.1 | NR | NR | | | | C-15829 | |
| 1973 | U | PROD & CEDH | 0 | 6 | 0 | 704 | 7 | 0 | 10.6 | 187 | 0 | NR | 2 | C-17018 | | | |
| 1964 | T | PROD & CEDH | 3 | 0 | 378 | 2992 | 5 | 0 | 16.8 | 678 | 16.8 | 192 | | | | C-10845 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- |
|---|------------------------|-----------------------|-------------------|--|
| DECATUR COUNTY ===== | | | | |
| GILLESPIE SE FIELD ----- | | | | |
| MURFIN DRILLING 14-03S27W | CR97913 | ELVIN | W LKC | 3645 10 33.0 |
| JENNINGS FIELD ----- | | | | |
| TEXACO 25- 4S27W | C-8190 | JENNINGS UNIT | W HOWSLAN | 3500 9 37.0 |
| OLIVE FIELD ----- | | | | |
| JCHN O. FARMER 12,14- 2S28W | C-17441 | OLIVE WATERFLOOD | P LKC | 3468 5 37.0 |
| OLIVE-SCUTHWEST FIELD ----- | | | | |
| MURFIN DRILLING CO 23- 2S28W | CR-1811 | RUSH UNIT | D LKC | 3568 71 NR |
| PADDOCK FIELD ----- | | | | |
| DONALD C. SLAWSON 28,29,32,33- 2S28W | C-16181 | PADDOCK UNIT | W LKC | 3600 4 35.5 |
| PETRACEK FIELD ----- | | | | |
| OKMAR CIL 4,9- 4S27W | C-17588 | PETRACEK | W LKC | 3559 15 34.0 |
| POLLNOW FIELD ----- | | | | |
| MULTISTATE OIL PROP. 5,6- 3S29W 36- 2S30W | C-14949 | AMANDA-POLLNOW UNIT | P KC | 3750 4 35.0 |
| ROCKET-SCHUSTERMAN 3,4,5,8,9- 3S29W | C-7653 | POLLNOW UNIT | W LANS | 3740 4 38.0 |
| UNG FIELD ----- | | | | |
| HALLIBURTON OIL 14,23- 2S30W | C-15013 | JORDING A | P LKC | 3847 25 34.0 |
| VAVRUCH FIELD ----- | | | | |
| HALLIBURTON CIL | C-13755 | VAVRUCH | W LKC | 3808 25 36.0 |
| 33- 3S28W 4- 4S28W ----- | | | | |
| WARNER FIELD ----- | | | | |
| CITCO 1,2,11,12- 1S27W | C-12401 | WARNER UNIT | W LKC | 3226 12 34.0 |
| DOUGLAS COUNTY ===== | | | | |
| BALDWIN FIELD ----- | | | | |
| JAMES E. RUSSELL 1,2-15S20E | C-12705 | BALDWIN UNIT | W SQUIR | 800 18 26.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|------|-------------|-------|-----|--------------|---------|-----|--------------|-------|-----------------|--------------|----------|-----|------|--------|------------|------------|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD NOTES | PROJECT NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | 1982 | CUM | 1982 | CUM | | |
| | | | 1981 | --- | --- | 1981 | --- | --- | 1981 | --- | --- | 1981 | --- | 1981 | --- | | |
| 1979 | T | PROD | 1 | 0 | 19.9 | 38.6 | 3 | 1 | 32.7 | 99.2 | NR | NR | | | | | CR97913 |
| 1961 | U | PROD & CEDH | 2 | 6 | 324 | 9112 | 13 | 0 | 24.6 | 797 | 24.6 | 579 | | | | | C-8190 |
| 1974 | U | PRCD & CEDH | 1 | 0 | 81.9 | 851 | 4 | 0 | 14.0 | 399 | 14.0 | 164 | | | | | C-17441 |
| 1981 | U | PROD | 1 | 1 | 1.4 | 1.4 | 2 | 0 | 2.0 | 16.6 | NR | NR | | | | | CR-1811 |
| 1971 | T | PROD & CHEY | 5 | 0 | 397 | 3286 | 7 | 0 | 16.1 | 514 | 16.1 | 228 | | | | | C-16181 |
| 1974 | U | PROD & TOR | 1 | 0 | 54.6 | 311 | 3 | 0 | 5.9 | 192 | 3.7 | 193 | | | | | C-17588 |
| 1969 | U | PROD | 1 | 0 | 11.4 | NR | 5 | 1 | 7.6 | NR | 4.7 | NR | | | | | C-14949 |
| 1960 | T | PROD & DAK | 2 | 0 | 336 | 6181 | 6 | 0 | 9.8 | 874 | 9.8 | 448 | | | | | C-7653 |
| 1970 | T | PROD | 1 | 0 | 19.0 | 195 | 4 | 0 | 4.4 | 228 | NR | NR | | | | | C-15013 |
| 1968 | T | PROD & CEDH | 3 | 6 | 424 | 5722 | 3 | 0 | 29.1 | 1472 | 29.1 | 365 | | | | | C-13755 |
| 1966 | T | PROD & CHEY | 7 | 0 | 346 | 6343 | 12 | 2 | 26.0 | 971 | 26.0 | 454 | | | | | C-12401 |
| 1966 | T | ARB | 12 | 0 | 56.8 | 224 | 13 | 1 | 3.5 | 26.8 | 3.5 | 26.8 | | | | | C-12705 |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- ----- | |
|--|------------------------|-----------------------|-------------------|---|--|
| DOUGLAS COUNTY ===== | | | | | |
| BALDWIN FIELD ----- | | | | | |
| REESE EXPLORATION 13-15S20E | CR12784 | MADL | W | SQUIR 700 14 28.0 | |
| REESE EXPLORATION 12-15S20E | CR10816 | MADL ROBT II | D | SQUIR 854 6 NR | |
| ROGER VICTORINO 36-14S20E 1,2-15S20E 6-15S21E | C-13952 | VERNON CROAN | | SQUIR NR NR NR | |
| RUSSELL HAYS 9-15S20E | C-6934 | SMITH-DANLEY | D | SQUIR 820 10 27.0 | |
| DOUGLAS-FRANKLIN COUNTIES ===== | | | | | |
| BALDWIN FIELD ----- | | | | | |
| LAYTON OIL 11,14,23,24-15S20E | C-8295 | BALDWIN FLOOD | W | SQUIR 820 24 26.0 | |
| EDWARDS COUNTY ===== | | | | | |
| ENLOW FIELD ----- | | | | | |
| MESSMAN-RINEHART 4-24S1EW | C-6178 | HAHN A | D | LKC 3740 6 31.0 | |
| ELK COUNTY ===== | | | | | |
| BUSH-DENTON FIELD ----- | | | | | |
| PERKINS OIL 34-25S 9E | C-16218 | CRIGER | D | MISS 2289 52 36.0 | |
| PERKINS OIL 16-30S 9E | CR-4805 | MKO RANCH | D | MISS 2600 30 36.8 | |
| PERKINS OIL 9,10,17-30S 9E | C-16219 | KAISER | D | MISS 2375 29 37.0 | |
| R.R. DURBIN 21,22-29S 9E | C-18748 | SMITH | W | MISS 2270 6 32.0 | |
| COLLYER FIELD ----- | | | | | |
| PETROLEUM ENTERPRISE 30-31S 11E | CR-9794 | COLYER-PICKELL | P | OSWEGO 1580 12 33.5 | |
| DORY FIELD ----- | | | | | |
| EAGLEHEAD OIL 17,18,19-30S 9E | CR-2782 | CORY | D | MISS NR NR 36.5 | |
| DUNKLEBERGER FIELD ----- | | | | | |
| DENTON OIL 33,34-29S 10E | C-2730 | DUNKLEBERGER UNIT | W | REDD 1350 25 33.0 | |
| GRAND SUMMIT FIELD ----- | | | | | |
| PETROLEUM ENTERPRISE 3,4-31S 8E | C-18027 | DENTON-FERGUSON | P | K.C. 1927 20 32.0 | |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|-------------|------------|-------|------|--------------|------------------------------|-------|------|-------------|-----------------|------|------------------------|-------------------------------|---------|----|---------|--|
| FIRST YR | TYPE WTR | SOURCE | WELLS | | | VOL MB OR 1982 1981 | WELLS | | | PROD VOL | | ENHANC 1982 1981 | PROD MB OR 1982 1981 | NOTES | NO | | |
| | | | TOT | NEW | MB OR (MMCF) | | TOT | NEW | MB CR(MMCF) | CUM | | | | | | | |
| | | | 1982 | 1981 | --- | | 1982 | 1981 | --- | 1982 | 1981 | | | | | | |
| NR | M | PROD&FRESH | 1 | 0 | 11.0 | NR | 15 | 10 | 1.3 | NR | 0.1 | NR | CR12784 | | | | |
| 1982 | U | PROD | 1 | 1 | NR | NR | 14 | 20 | NR | NR | NR | NR | 4 | CR10815 | | | |
| NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | C-13952 | | | | |
| 1959 | U | PROD | 1 | 0 | 4.0 | 107 | 2 | 0 | 1.2 | 17.0 | 1.2 | NR | C-6934 | | | | |
| 1964 | F | FR | 23 | 2 | 367 | 8093 | 36 | 0 | 0 | 0 | 39.7 | 554 | C-8295 | | | | |
| 1958 | U | PROD | 1. | 0 | 7.2 | 1323 | 1 | 0 | 1.3 | 202 | 1.3 | 202 | C-6178 | | | | |
| 1971 | T | PROD | 2 | 0 | 51.1 | 520 | 2 | 0 | 4.5 | NR | 2.0 | NR | C-16218 | | | | |
| 1980 | U | PROD | 2 | 0 | 344 | 709 | 10 | 0 | 7.8 | NR | 3.0 | 6.0 | CR-4805 | | | | |
| 1955 | T | PROD | 12 | 1 | 1987 | NR | 37 | 1 | 22.8 | NR | 11.0 | NR | C-16219 | | | | |
| | | | | | | | | | | | | C-15543 | C-5118 | | | | |
| 1977 | T | PROD | 1 | 0 | 310 | 929 | 4 | 2 | 5.9 | 13.1 | 0 | 0 | C-18748 | | | | |
| 1979 | T | OSWE+KC | 1 | 0 | 169 | NR | 8 | 0 | 4.4 | NR | 0 | NR | CR-9794 | | | | |
| 1978 | U | PROD | 2 | 0 | 336 | 591 | 5 | 1 | 2.9 | 5.8 | 2.9 | 5.8 | CR-2782 | | | | |
| 1946 | U | PROD | 60 | 0 | 91.0 | NR | 12 | 0 | 4.3 | NR | 4.3 | NR | C-2730 | | | | |
| 1975 | T | PROD | 2 | 0 | 191 | NR | 7 | 1 | 4.9 | NR | 0 | NR | C-18027 | | | | |

| OPERATOR | PROJECT | PROJECT NAME | TYP | OIL PRODUCING ZONE | | | |
|--|------------|-----------------|-----|--------------------|-------|------|------|
| LOCATION | NO | | PRJ | NAME | DEPTH | THK | GRAV |
| ELK COUNTY | | | | | | | |
| HALE-INGE FIELD | | | | | | | |
| E. L. MORRE & ASSOC. 26,27-31S12E 33,34,35-31S12E 35-31S12E | C-15710 | INGE WATERFLOOD | W | STRAY | 695 | 14 | 32.0 |
| KEY FIELD | | | | | | | |
| ELLA MAE DURBIN 24-31S10E | CR-2783 | MORGAN | ARB | 2315 | 84 | 27.7 | |
| LOGSDEN FIELD | | | | | | | |
| PETROLEUM ENTERPRISE 16,17-31S 9E SUNRISE PETROLEUM 16-31S09E | CR-8773 | DEAN | W | MISS | NR | NR | NR |
| CR4782 | REEVES ISE | | | MISS | NR | NR | NR |
| LONGTON NORTH FIELD | | | | | | | |
| MASEK OIL 15,16,21,22-30S12E | CR-3811 | DAY | E | REDD | 856 | 10 | NR |
| NEW ALBANY FIELD | | | | | | | |
| WRIGHT ENERGY 33,34-28S13E | C-9743 | PICKELL | | NEW ALB | NR | NR | NR |
| PRESTON FIELD | | | | | | | |
| CRIGER OIL 12-30S09E | C-11877 | ELLIOTT | | MISS | NR | NR | NR |
| SCHRADER FIELD | | | | | | | |
| A. DALE ARBUCKLE 12-31S 8E | C-2789 | ARBUCKLE | D | KC | 1650 | 30 | 34.0 |
| ALADDIN PETROLEUM 12-31S 8E | C-11214 | SHRADER | P | KC | 1650 | 40 | 34.0 |
| THOMAS FIELD | | | | | | | |
| R.R. DURBIN 12-25S12E | C-7555 | THOMAS | P | BURG | 1630 | 20 | 21.4 |
| R.R. DURBIN | C-12173 | COUNTRYMAN | P | BURG | 1630 | 20 | 22.0 |
| 12-29S12E | | | | | | | |
| WALKER FIELD | | | | | | | |
| PATTERSON-SHEEL 5-31S10E | CR-2786 | WALKER | W | KC | 1600 | 6 | 34.5 |
| WEBB FIELD | | | | | | | |
| PETROLEUM ENTERPRISE 26-30S 8E | C-16500 | SLEEPER | D | MISS | 2517 | 15 | 34.7 |
| TOMLINSON OIL 13-31S10E | C-17042 | DURBIN | D | MISS | 1937 | 10 | 31.5 |
| TOMLINSON OIL CO. 14-31S10E | CR-2807 | WEBB 5A | P | MISS | 1948 | 4 | 31.7 |
| *SEE ALSO CHAUTAUQUA-ELK | | | | | | | |
| ELLIS COUNTY | | | | | | | |
| AIR BASE FIELD | | | | | | | |
| AM PETROFINA TEXAS 27-13S16W | C-10613 | AIR BASE | W | GORHAM | 3460 | 15 | 33.7 |

| INJECTION DATA | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|------|-------------|-------|-----|-------------------------|-----------------|-----|-------------------------|------|-----------------------|------------|---------|----|-------------------|
| FIRST YR | TYPE | SOURCE | WELLS | | VOL INJ MB OR (MMCF) | WELLS | | PROD VOL MB CR(MMCF) | | ENHANC MB OR(MMCF) | PROD NOTES | NO | | |
| | | | TOT | NEW | | TOT | NEW | 1982 | CUM | | | | | |
| | | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |
| 1967 | M | PROD&SLTSD | 0 | 0 | 0 | 3760 | 5 | 0 | 4.6 | 73.6 | 4.6 | 73.6 | 34 | C-15710 |
| 1978 | T | PROD | 2 | NR | 244 | 680.6 | 2 | 0 | 0.8 | 12.6 | 0 | 0 | | CR-2783 |
| 1976 | U | PROD | 1 | 0 | 45.6 | NR | 1 | 0 | 0.6 | NR | 0 | NR | | CR-8773 |
| NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 35 | CR4782 |
| 1981 | | PROD & FRSD | 3 | 2 | 56.5 | 56.5 | 27 | 26 | 15.6 | 15.9 | 1.0 | 1.0 | 36 | CR-3811 |
| NR | | NR | 0 | 0 | 0 | NR | 34 | 14 | 9.9 | NR | 0 | NR | 1 | C-9743 |
| NR | | PRCD | 0 | 0 | 0 | NR | 0 | 0 | 0 | NR | 0 | NR | 2 | C-11877 |
| 1966 | U | PRCD | 1 | NR | 3.0 | NR | 2 | NR | 0.7 | NR | NR | NR | | C-2789 |
| 1957 | T | PROD | 3 | 0 | 7.5 | 2415 | 11 | 0 | 7.1 | 528 | 7.1 | NR | | C-11214 |
| NR | T | PROC | 1 | 1 | 480 | 4626 | 4 | 0 | 5.2 | 50.2 | 0 | 0 | | C-7555 |
| 1965 | T | PROD | 1 | 0 | 173 | 968 | 1 | 0 | 1.9 | 19.8 | 0 | 0 | | C-12173 |
| 1978 | U | PROC | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 | CR-2786 |
| 1974 | U | PROC | 1 | 0 | 110 | NR | 2 | 0 | 1.4 | NR | 0 | NR | | C-16500 |
| 1973 | U | PROD | | | | | | | | | | | 2 | C-17042 |
| NR | T | PROD | 1 | 0 | 3.9 | 767 | 9 | 0 | 5.2 | 17.3 | NR | NR | | CR-2807 |
| 1967 | T | PROD | 1 | 0 | 244 | 2597 | 6 | 1 | 9.2 | 282 | 4.2 | 95.7 | | C-10613 C-9795 |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE | | | |
|--|------------------------|-----------------------|-------------------|--------------------|----------------|------------|---------------|
| | | | | NAME --- | DEPTH ----- | THK --- | GRAV ----- |
| ELLIS COUNTY ===== | | | | | | | |
| AIR BASE EAST FIELD | | | | | | | |
| HINKLE OIL 25-13S16W | C-16340 | BRUNGARDT A | | W LKC | 3400 | 15 | 40.0 |
| ANTONINO SOUTH FIELD | | | | | | | |
| ENERGY SOURCES 26,35-14S19W | C-17737 | ANTONINO SOUTH | | W LKC | NR | NR | 38.0 |
| ANTONIO SOUTHWEST FIELD | | | | | | | |
| MURFIN DRILLING 35-14S19W | C-17768 | FEITZ WF | | W LKC | 3592 | 160 | 38.0 |
| BEECHING FIELD | | | | | | | |
| SOUTHERN STATES OIL 34,35-15S16W | C-12629 | BEECHING WF UNIT | | W LKC | 3330 | 15 | 36.0 |
| BEMIS SHUTTS FIELD | | | | | | | |
| CCNOCO 3-11S18W | C-16660 | WARREN MTGE INV | | W LANS | 3322 | 10 | 30.3 |
| FELL & WOLFE OIL 13-11S17W | C-11239 | PEARL CRESS | | D LKC | 3068 | 12 | 31.5 |
| LARIC OIL & GAS 22-11S18W | C-12116 | HENDERSON E | | P TOP&LKC | 3100 | NR | 28.0 |
| LARIO OIL & GAS 22-11S18W | C-12788 | HENDERSON E | | P ARB | 3520 | NR | 28.0 |
| OKMAR OIL 23-11S18W | C-12976 | LYNN-HENDERSON | | W LKC | 3350 | 5 | 33.0 |
| PETROLEUM INC 22,27-12S18W | C-14315 | BEMIS SHUTTS LKC UT | | W LKC | 3404 | 7 | 29.6 |
| SHADE AND BERRY 15-11S18W | C-12769 | HENDERSON | | D LKC | 3132 | 10 | 35.0 |
| SIERRA PETROLEUM 18-12S17W | C-11621 | SCHMEIDLER E | | D LKC | 3340 | 224 | 29.9 |
| SOHIO PETROLEUM 4-12S17W | C-15294 | BEMIS I | | W ARB | 3560 | NR | 31.3 |
| SUN OIL 7-11S17W 12,13-11S18W | C-16348 | BEMIS CO-OP WF | | W TOP&LKC | 2794 | NR | NR |
| TENNECO 21-11S18W | C-15856 | WASINGER | | W LAN&TOP | 3320 | 34 | 37.5 |
| TOMLINSON OIL | C-7923 | WINDHOLZ | | W ARB | 3600 | 50 | 30.1 |
| 2,3-12S17W | | | | | | | |
| BEMIS-SHUTTS FIELD | | | | | | | |
| MESSMAN-RINEHART 12-12S18W | CR11813 | JENSEN | | D LANS | 3621 | 6 | NR |
| TRUMART OIL 15-11S18W | C-8552 | OPODYKE "A" | | P LKC | NR | NR | NR |
| BLUE HILL FIELD | | | | | | | |
| OKMAR OIL 11,14-12S16W | C-18522 | SMITH-OSWALD COOP | | LKC | NR | NR | NR |
| CATHERINE FIELD | | | | | | | |
| GULF 10,11-13S17W | C-11933 | CATHERINE UNIT | | W KC | 3250 | 210 | 29.0 |

| INJECTION DATA | | | | | | | | | | | | PRODUCTION DATA | | | | PROJECT | |
|----------------|-----|------------|-------|-----|--------------|-------|-------|-----|--------------|------|--------------|-----------------|-------|---|--|-------------------|--|
| FIRST TYPE | | SOURCE | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC PROD | | NOTES | | | | |
| YR | WTR | | TOT | NEW | MB OR (MMCF) | | TOT | NEW | MB OR (MMCF) | | MB OR (MMCF) | | | | | | |
| | | | | | 1982 | CUM | | | 1982 | CUM | 1982 | CUM | | | | | |
| | | | | | 981 | | | | 981 | | 981 | | | | | | |
| 1970 | T | PROD & ARB | 1 | 0 | 37.8 | 516 | 4 | 0 | 9.9 | 822 | 5.7 | 11.0 | | | | C-16340 | |
| 1973 | T | PROD | | 1 | 0 | 197 | 1379 | 10 | 0 | 12.6 | 555 | 1.2 | 18.6 | | | C-17737 | |
| 1975 | T | PROD & DAK | 1 | 0 | 51.8 | 365 | 3 | 0 | 3.7 | NR | 3.7 | NR | | | | C-17768 | |
| 1966 | U | PROD | | 1 | 0 | 48.6 | 1238 | 2 | 0 | 4.3 | 53.3 | 4.3 | 53.3 | | | C-12629 | |
| 1972 | U | PROD | 1 | 0 | 242 | 4252 | 8 | 0 | 23.5 | 513 | 23.5 | 332 | | | | C-16660 | |
| 1964 | U | PROD | 1 | 0 | 7.5 | NR | 3 | 1 | 0.4 | NR | NR | NR | | | | C-11239 | |
| 1965 | | PROD | 0 | 0 | 0 | 208 | 3 | 0 | 7.6 | 204 | 0 | 90.9 | | 3 | | C-12116 | |
| 1966 | U | PROD | 1 | 0 | 854 | 20188 | 1 | 0 | 2.4 | 116 | 0 | 0 | | | | C-12788 | |
| 1966 | U | PROD | 1 | 0 | 305 | 4571 | 6 | 0 | 4.9 | 966 | 1.5 | 45.4 | | | | C-12976 | |
| 1968 | T | PROD | 2 | 0 | 181 | 2021 | 5 | 0 | 5.2 | 356 | 5.2 | 128 | | | | C-14315 | |
| 1966 | U | PROD | 1 | 0 | 164 | 2305 | 2 | 0 | NR | NR | 1.5 | 65.6 | | | | C-12769 | |
| 1965 | T | PROD | 1 | 0 | 27.4 | 1025 | 4 | 0 | 5.3 | 309 | 5.3 | 309 | | | | C-11621 | |
| 1969 | T | PROD | 0 | 0 | 0 | 444 | 3 | 0 | 12.4 | 234 | 0 | 22.6 | | 5 | | C-15294 | |
| 1972 | T | PROD & ARB | 5 | 0 | 759 | 6938 | 16 | 0 | 52.5 | 923 | 52.5 | 923 | | | | C-16348 | |
| 1963 | T | PROD | 3 | 0 | 1035 | NR | 9 | 0 | 21.2 | NR | 19.1 | NR | | | | C-15856 | |
| 1960 | T | PROD | 1 | 0 | 62.2 | 1144 | 4 | 1 | 7.7 | 245 | 3.3 | 111 | 36 | | | C-10120 C-7923 | |
| 1981 | U | PROD | 1 | 0 | 5.0 | 5.0 | 2 | 0 | 0.2 | 0.2 | 0.2 | 0.2 | | | | CR11813 | |
| NR | U | PROD | | NR | NR | NR | NR | NR | NR | NR | NR | NR | | 5 | | C-8552 | |
| NR | | NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | | C-18522 | |
| 1966 | U | PROD | 0 | 0 | 0 | 530 | 9 | 0 | 12.8 | 1571 | 0 | 0 | | 5 | | C-11933 | |

| OPERATOR ----- LOCATION | PROJECT NO ----- | PROJECT NAME | TYP PRJ | OIL PRODUCING ZONE | | | |
|---|------------------------|-----------------------|------------|--------------------|-------|-----|------|
| | | | | NAME | DEPTH | THK | GRAV |
| ELLIS COUNTY ===== | | | | | | | |
| CATHERINE NORTHWEST FIELD ----- | | | | | | | |
| ISIS OPERATING 4,9-13S17W | C-7733 | WALTER UNIT | | LKC | NR | NR | NR |
| TEXACO 4-13S17W | C-10619 | M. WOLF A | P | TOR&LAN | 3350 | 37 | 31.0 |
| CATHERINE SOUTH FIELD ----- | | | | | | | |
| STERLINE DRILLING 14-13S17W | C-15300 | CATHERINE SOUTH UNIT | P | LKC | 3276 | 8 | 33.0 |
| TEXACO 12,21,22-13S17W | C-10574 | L.J. DREILING | P | ARB | 3550 | 30 | 32.0 |
| CHRISLER SOUTH FIELD ----- | | | | | | | |
| OKMAR CIL 27,28-11S16W | C-17121 | MADSON UNIT | W | LKC | 3017 | 148 | 35.0 |
| CROMB FIELD ----- | | | | | | | |
| M.L. BROWN 15-11S20W | C-5605 | ZACHMAN | P | LKC | 3554 | 8 | 28.0 |
| DECHANT FIELD ----- | | | | | | | |
| SOUTHERN STATES OIL 6-15S18W | C-13603 | DECHANT | W | LKC | 3300 | 5 | 39.0 |
| DECHANT NORTHWEST FIELD ----- | | | | | | | |
| AP PETROFINA TEXAS 1-15S19W | C-16276 | WILSON | P | ARB | 3646 | 7 | 28.7 |
| DECHANT WEST FIELD ----- | | | | | | | |
| THORNTON E. ANDERSON 1-15S19W | C-16262 | PFANNENSTIEL SWDS | D | ARB | 3700 | 300 | 30.0 |
| DINGES FIELD ----- | | | | | | | |
| FALOMINO PETROLEUM 10-15S18W | C-17098 | DINGES | D | LKC&ARB | 3348 | 46 | 31.0 |
| DREILING FIELD ----- | | | | | | | |
| | | | | | | | |
| C OIL OPERATIONS 21-14S16W | C-15311 | DREILING | D | LKC-ARB | 3100 | NR | NR |
| EAGLE CREEK FIELD ----- | | | | | | | |
| VEEDER SUPPLY & DEV 2,10,11-11S20W | C-13073 | EAGLE CREEK | W | TOR&LKC | 3270 | 25 | 33.0 |
| EMMERAM FIELD ----- | | | | | | | |
| FILLENBURG OIL 4-13S16W | C-7142 | FROLICH | D | LKC | 3200 | 22 | 36.0 |
| EMMERAM, NORTHEAST FIELD ----- | | | | | | | |
| GULF 26,27,34-12S16W | C-11769 | FROELICH E, F, & SITZ | D | KC | 3270 | 4 | 34.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|--------|------------|-----|---------|-----|--------------|-------|----------|-------------|-----------------|------|------|-------|----|----|-------------------|--|--|
| FIRST TYP | SOURCE | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC | | PROD | NOTES | NO | | | | |
| | | YR | WTR | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | 1982 | CUM | | | | | | | |
| | | | | 1982 | CUM | 1982 | CUM | 1982 | CUM | 1982 | CUM | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | C-7733 | | |
| 1964 | U | PROD | | 1 | 0 | 88.3 | 2057 | 1 | 0 | 1.2 | 117 | 0 | 0 | 0 | 0 | C-10619 | | |
| 1970 | U | PROD & DAK | | 1 | 0 | 47.8 | 677 | 4 | 0 | 3.0 | 80.0 | 3.0 | 68.2 | | | C-15300 | | |
| 1964 | U | PROD | | 1 | 0 | 730 | 10137 | 7 | 0 | 18.2 | 743 | 0 | 0 | 0 | 0 | C-10574 | | |
| NR | U | PROD | | 2 | 0 | 88.7 | 2428 | 2 | 0 | 2.7 | 194 | 2.7 | 29.2 | | | C-17121 | | |
| 1957 | T | PROD | | 2 | 0 | 444 | 3770 | 4 | 0 | 7.6 | 260 | 7.6 | 131 | | | C-5605 | | |
| NR | L | PROD | | 0 | 0 | .04 | 19.4 | 1 | 0 | 4.4 | 14.2 | 4.4 | 14.2 | 2 | | C-13603 | | |
| 1971 | L | PROD | | 1 | 0 | 650 | 5487 | 3 | 0 | 4.2 | 314 | 3.0 | 126 | | | C-16276 | | |
| 1971 | L | PROD | | 1 | 0 | 290 | 3182 | 5 | 0 | 26.7 | 426 | 0 | NR | | | C-16262 | | |
| 1973 | L | PROD | | 1 | 0 | 0 | 19.4 | 1 | 0 | 1.4 | 176 | 0 | 0 | 2 | | C-17098 | | |
| NR | PROD | | | 1 | NR | 0 | NR | 6 | 1 | 8.0 | NR | NR | NR | 2 | | C-15311 | | |
| 1967 | M | PROD & DAK | | 3 | 0 | 188 | 6057 | 6 | 0 | 5.8 | 179 | 5.8 | 179 | | | C-13073 | | |
| 1981 | U | PROD | | 1 | 0 | 4.4 | NR | 2 | 0 | 2.2 | NR | 0 | NR | | | C-7142 | | |
| 1961 | U | PROD | | 0 | 0 | 0 | 417 | 6 | 0 | 4.0 | 261 | 0 | 0 | 5 | | C-11769 C-6605 | | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ ----- | OIL PRODUCING ZONE | | | |
|--|------------------------|-----------------------|---------------------|--------------------|-------|-------|-------|
| | | | | NAME | DEPTH | THK | GRAV |
| | | | | ----- | ----- | ----- | ----- |
| ELLIS COUNTY ===== | | | | | | | |
| FAIRPORT FIELD ----- | | | | | | | |
| MULTISTATE OIL PROP. 1,12-13S16W | C-14251 | SCHMITT A, B | P | LKC | 3050 | 20 | 32.0 |
| MULTISTATE OIL PROP. 36-12S16W | C-5267 | WIELAND C | P | LKC&DOD | 3900 | 90 | 35.0 |
| MULTISTATE OIL PROP. 1-13S16W | C-10416 | WIELAND B | P | LKC&DOD | 3050 | 30 | 32.0 |
| HERZOG FIELD ----- | | | | | | | |
| FALOMINO PETROLEUM 32-13S16W | C-6890 | BRAUN-DINKLE | D | LKC | 3227 | 6 | 33.0 |
| IRVIN FIELD ----- | | | | | | | |
| TEXACO 35-13S20W | C-15930 | J.A. ENGEL | P | ARB | 3854 | 30 | 38.4 |
| LEIKER SOUTHEAST FIELD ----- | | | | | | | |
| AYLWARD DRILLING 14-15S18W | C-13651 | WITT-GRAF | W | LANS | 3450 | 10 | 35.0 |
| LEIKER, EAST FIELD ----- | | | | | | | |
| GULF 13-15S18W | C-13599 | LEIKER-HERL | W | KC | 3304 | 29 | 36.0 |
| LIEB FIELD ----- | | | | | | | |
| CHIEF DRILLING 16-11S16W | C-13428 | CRAIG-LUNDY WF | W | LKC | 3000 | 200 | NR |
| LIEB EAST FIELD ----- | | | | | | | |
| CHIEF DRILLING 16-11S16W | C-13535 | LUNDY | W | LKC | NR | NR | 35.8 |
| MARVIN FIELD ----- | | | | | | | |
| ENERGY RESERVES 15,22-13S18W | CR11783 | F.BRAUN & M. BRAUN | W | LKC | 3350 | 220 | 28.0 |
| MEISTRELL FIELD ----- | | | | | | | |
| PETROLEUM INC 9-11S18W | C-14316 | MEISTRELL LKC UNIT | W | LKC | 3262 | 8 | 34.6 |
| MIXER FIELD ----- | | | | | | | |
| MURFIN DRILLING 11- 7S20W | C-13093 | MIXER REPRESS PROJ | P | LKC | 3372 | 19 | 34.0 |
| NEDDAM FIELD ----- | | | | | | | |
| SHADE AND BERRY 16-11S18W | C-18064 | NEDDAM | D | LANS | 3762 | 70 | 35.0 |
| NICHOLSON FIELD ----- | | | | | | | |
| CONOCO 30-11S20W | C-18056 | NICHOLSON | W | LANS | 3762 | 70 | 33.3 |

| INJECTION DATA | | | | PRODUCTION DATA | | | | | | PROJECT | | | | |
|----------------|-----|-------------|-------|-----------------|-----|--------------|-------|-----|-------------|----------|------|-------------|-------|---------------------|
| FIRST YR | TYP | SOURCE | WELLS | WOL INJ | | | WELLS | | | PROD VOL | | ENHANC PROD | NOTES | NO |
| | | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | 1982 | CUM | | | |
| | | | | 1982 | CUM | | 1982 | CUM | | 1982 | CUM | | | |
| | | | | 1981 | | | 1981 | | | (98) | | | | |
| 1961 | U | PROD | | 1 | 0 | 77.1 | NR | 3 | 0 | 4.2 | NR | 3.8 | NR | C-14251 |
| 1967 | U | PROD | | 0 | 0 | 0 | NR | 9 | 0 | 20.3 | NR | 18.8 | NR | 2 C-9741 |
| 1963 | U | PROD | | 2 | 0 | 97.2 | NR | 7 | 0 | 11.7 | NR | 10.9 | NR | C-5267 |
| 1962 | U | PROD | | 1 | 0 | 8.0 | 139 | 2 | 0 | 0.8 | 208 | 0 | 0 | C-10416 |
| 1972 | U | PRCD | | 1 | 0 | 730 | 6602 | 2 | 0 | 12.2 | 224 | 0 | 0 | C-15930 |
| 1967 | U | PRCD | | 2 | 0 | 245 | 3356 | 2 | 0 | 5.1 | 292 | 5.1 | 227 | C-13651 |
| 1967 | T | PROD | | 0 | 0 | 0 | 588 | 14 | 0 | 9.2 | 55.6 | 0 | 0 | 5 C-13599 |
| NR | M | DAK & CHEY | | 1 | 0 | 159 | 2141 | 2 | 0 | 1.6 | 25.4 | 0 | NR | C-13428 |
| 1967 | L | PROD & DAK | | 1 | 0 | 117 | 1848 | 2 | 0 | 3.6 | 242 | 0 | NR | C-13535 |
| 1979 | U | PROD | | 2 | 0 | 473 | 1082 | 12 | 1 | 50.7 | 151 | 32.0 | 83.3 | CR11783 CR-11781 |
| 1968 | M | PROD & QUAT | | 1 | 0 | 127 | 1800 | 3 | 0 | 4.2 | 273 | 4.2 | 124 | C-14316 |
| 1966 | T | PROD & ARB | | 1 | 0 | 69.4 | 256 | 2 | 0 | 2.2 | 9.8 | NR | NR | C-13093 |
| 1976 | U | PROD | | 1 | 0 | 9.0 | 159 | 1 | 0 | NR | NR | 0.7 | 71.4 | C-18064 |
| 1976 | T | PROD | | 0 | 0 | 0 | 759 | 6 | 0 | 11.3 | 67.5 | 1.1 | 8.0 | 5 C-18056 |

| OPERATOR ----- LOCATION | PROJECT ----- NO | PROJECT NAME ----- | TYP ----- PRJ | OIL PRODUCING ZONE | | | |
|--|------------------------|--|---------------------|--------------------|-------|-----|------|
| | | | | NAME | DEPTH | THK | GRAV |
| ELLIS COUNTY ===== | | | | | | | |
| PLEASANT FIELD ===== | | | | | | | |
| DANE G. HANSEN TRUST 34-13S20W | C-17979 | STORM | D | LKC&ARB | 3499 | 250 | 40.0 |
| MLRFIN DRILLING 34-13S20W | C-17236 | KINGSLEY | W | LKC | 3523 | 35 | 38.0 |
| REED OIL 35-13S20W | C-15916 | STORM | D | SQUIR | 3840 | 12 | 38.0 |
| RAJEWSKI FIELD ===== | | | | | | | |
| MELTZER OIL 28-15S17W | C-15850 | RAJEWSKI | D | KC | 3400 | 6 | 36.0 |
| REED FIELD ===== | | | | | | | |
| EARL TCM FYLE 32-12S17W | C-17684 | STAAB | W | LKC | NR | NR | NR |
| RUDER FIELD ===== | | | | | | | |
| GENE BROWN 08-15S18W | C-15955 | RUDER C | P | LKC | NR | NR | NR |
| GULF 8-15S18W | C-13426 | J.A. SWIRES PROSES N: SW SW: SW | W | LKC | 3260 | NR | 33.9 |
| SCHMEIDLDER FIELD ===== | | | | | | | |
| SOUTHERN STATES OIL 28-12S17W | C-16804 | GIEBLER #2 | P | LKC | 3400 | 6 | 29.0 |
| SCHOENCHAN FIELD ===== | | | | | | | |
| OKMAR OIL 16-15S18W | C-14553 | WOLF | | LKC | NR | NR | 32.0 |
| SOLBURN FIELD ===== | | | | | | | |
| NCRA 28-14S20W | C-13234 | SOLOMON-BURNETT | W | LANS | 3409 | 6 | 41.2 |
| SOLOMON FIELD ===== | | | | | | | |
| OKMAR OIL 10-11S19W | C-10846 | ALBERT | W | LKC | 3244 | 5 | 34.0 |
| SUGARCAF SOUTH FIELD ===== | | | | | | | |
| OKMAR OIL 28-13S17W | C-13553 | DREILING | W | LKC | 3280 | 5 | 30.0 |
| SUGARCAF SOUTHEAST FIELD ===== | | | | | | | |
| AM PETROFINA TEXAS 26-13S17W | C-16583 | BRAUN B | P | ARB | 3484 | 336 | 34.0 |
| TCULON FIELD ===== | | | | | | | |
| OKMAR OIL 15-14S17W | C-9849 | BRUNGAROT | | KC | NR | NR | NR |
| OKMAR OIL 16-14S17W | C-13544 | DINKEL A | W | LKC | 3250 | 5 | 33.0 |

| INJECTION DATA | | | | PRODUCTION DATA | | | | | | PROJECT | | | | |
|----------------|---------|------------|-------|-----------------|--------------|------------|------|--------------|-------------|--------------|------------|------|------------|---------|
| FIRST YR | TYP WTR | SOURCE | WELLS | WOL | INJ | WELLS | PROD | VOL | ENHANC | PROD | NOTES | NO | | |
| YR | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR(MMCF) | MB OR(MMCF) | MB OR(MMCF) | | | | |
| | | | | | 1982 1981 | CUM --- | | 1982 1981 | CUM --- | 1982 1981 | CUM --- | | | |
| 1975 | U | PROD | 1 | 0 | 134 | 571 | 6 | 4 | 19.8 | 40.3 | NR | NR | C-17979 | |
| 1974 | T | PROD | 1 | 0 | 278 | 1762 | 4 | 0 | 7.5 | 150 | NR | NR | C-17236 | |
| 1970 | T | PROD | 1 | 0 | 82.1 | 829 | 2 | 0 | 2.0 | 451 | 2.0 | 451 | C-15916 | |
| 1968 | L | PROD | 1 | 0 | 40.2 | NR | 1 | 0 | 1.7 | NR | NR | NR | C-15850 | |
| NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 4 | C-17684 | |
| NR | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 | C-15955 |
| 1967 | U | PROD | 1 | 0 | 294 | 3675 | 2 | 0 | 4.2 | 69.2 | 4.2 | 69.2 | C-13426 | |
| 1972 | U | PROD | 1 | 0 | 39.4 | 338 | 3 | 0 | 3.6 | 50.4 | 3.6 | 50.4 | 37 C-16804 | |
| 1981 | U | PRCD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 2 C-14553 | |
| 1970 | M | PROD & DAK | 3 | 0 | 205 | 2898 | 4 | 0 | 10.7 | 318 | 8.4 | 162 | C-13234 | |
| 1964 | L | PRCD & ARB | 1 | 0 | 0 | 1014 | 6 | 0 | 14.6 | NR | 0 | 58.7 | 2 C-10846 | |
| 1967 | U | PRCD & ARB | 1 | 0 | 59.9 | 520 | 4 | 0 | 11.3 | 392 | 5.1 | 389 | C-13553 | |
| 1972 | L | PROD | 1 | 0 | 209 | 2277 | 4 | 0 | 7.8 | 700 | 4.2 | 142 | C-16583 | |
| NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 2 | C-9849 | |
| 1960 | U | PROD | 1 | 0 | 299 | 2120 | 4 | 0 | 6.1 | 457 | 0 | 116 | C-13544 | |

| OPERATOR ----- LOCATION | PROJECT ----- NO | PROJECT NAME ----- | TYP ----- PRJ | OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV | |
|---------------------------------------|------------------------|-----------------------|---------------------|--|---------------|
| ELLIS COUNTY ===== | | | | | |
| TOULON FIELD ----- | | | | | |
| PETRO-LEWIS 35-13S17W | C-15682 | BRAUN | W | LKC | 3335 12 33.0 |
| R.P. NIXON OPERATION 04-14S17W | CR-7795 | PETE | D | LANS | 3350 10 38.0 |
| TURKVILLE FIELD ----- | | | | | |
| FALOMINO PETROLEUM 11-11S17W | C-9229 | MCCOMBS | D | LKC | 3175 7 36.0 |
| UBERT FIELD ----- | | | | | |
| DREILING OIL 12-13S18W | C-16041 | UBERT A | D | LKC | 3349 60 NR |
| UBERT NORTHWEST FIELD ----- | | | | | |
| ECMISTON OIL 36-12S18W | C-9694 | SCHMIDT | | LKC | NR NR 36.0 |
| GULF 1,2-13S18W | C-11815 | CRISSMAN A & B | W | TOP&LKC | 3260 144 29.0 |
| VICTORIA NORTH FIELD ----- | | | | | |
| MAI OPERATION 7,8-14S16W | C-11068 | SCHULTE | P | LKC | 3214 6 35.0 |
| R.P. NIXON OPERATION 08-14S16W | CR-6802 | SCHIPPERS "B" | D | LKC | 3228 NR NR |
| WHEATLAND FIELD ----- | | | | | |
| MILLER BROS 18-15S17W | C-13470 | LEIKER | W | LKC | 3282 225 36.0 |
| NCRA 30-15S17W | CR-6772 | LEIKER | W | LANS | 3293 17 36.0 |
| WHEATLAND EAST FIELD ----- | | | | | |
| PETROLEUM MANAGEMENT 17,18-15S17W | C-15655 | EAST WHEATLAND | W | LKC | 3338 146 37.0 |
| YOUNGER FIELD ----- | | | | | |
| OKMAR OIL | C-15425 | HOFFMAN | W | LKC | 3318 5 34.0 |
| 32-13S17W | | | | | |
| ELLIS-ROOKS COUNTIES ===== | | | | | |
| KRUEGER FIELD ----- | | | | | |
| CITCO 35,36-10S16W 1,2,3-11S16W | C-3145 | KRUEGER UNIT | W | DOD&LKC | 3225 4 37.0 |
| ELLSWORTH COUNTY ===== | | | | | |
| GENESEO-EDWARDS FIELD ----- | | | | | |
| CITCO 16-17S 8W | C-16438 | RATHBUN ARBUCKLE | D | ARB | 3206 25 37.3 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|------|------------|-------|-----|------|--------------|------|-----|-------------|-----------------|------|-------------|------|--|-------------|---------|--------------------|----|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC PROD | | NOTES | NO |
| | | | TOT | NEW | | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | TOT | NEW | MB OR(MMCF) | CUM | | | | | |
| | | | | | | 1982 | | | 1982 | | | 1982 | CUM | | | | | |
| | | | | | | (98) | | | (98) | | | (98) | | | | | | |
| 1967 | M | PROD & FR | 1 | 0 | 127 | 1716 | 2 | 0 | 3.7 | 76.7 | 3.7 | 76.7 | | | | | C-15682 | |
| 1980 | T | PROD | 1 | 0 | 30.7 | 75.4 | 2 | 0 | 6.2 | 32.6 | 6.2 | 12.1 | | | | | C-13434 CR-7795 | |
| 1962 | U | PRCD | | 1 | 0 | 0 | 30.0 | 1 | 0 | 0.6 | 86.0 | 0 | 0.1 | | | | C-9229 | |
| 1971 | T | PROD | | 1 | 0 | 10.0 | 115 | 4 | 0 | 5.4 | 236 | 2.5 | 100 | | | | C-16041 | |
| 1963 | U | PRCD | | 1 | 0 | 0 | NR | 4 | 0 | 1.0 | 452 | 0 | 0 | | | | C-9694 | |
| 1965 | U | PROD | | 0 | 0 | 0 | 630 | 6 | 0 | 4.4 | 515 | 0 | 0 | | | | C-11815 | |
| 1964 | T | PROD | | 2 | 0 | 142 | 1482 | 5 | 0 | 3.7 | 118 | 0 | NR | | | | C-11068 | |
| 1980 | T | PROD | | 1 | 0 | 23.1 | 23.7 | 1 | 0 | 7.7 | 23.1 | 7.7 | 9.0 | | | | CR-6802 | |
| 1967 | U | PROD | | 1 | 0 | 465 | 1460 | 2 | 0 | 6.6 | 67.9 | NR | NR | | | | C-13470 | |
| 1977 | T | PROD | | 0 | 0 | 0 | 136 | 5 | 0 | 10.0 | 51.3 | 0 | 0.1 | | | | CR-6772 | |
| 1970 | T | PROD | | 6 | 1 | 693 | 3919 | 10 | 1 | 28.5 | 1114 | 28.5 | 38.4 | | | | C-15655 | |
| 1970 | U | PROD | | 1 | 0 | 33.8 | 527 | 4 | 0 | 11.0 | 313 | 5.2 | 36.4 | | | | C-15425 | |
| 1961 | T | PROD & DAK | 10 | 0 | 1394 | 26935 | 21 | 0 | 38.9 | 3576 | 38.9 | 1448 | | | | | C-3145 | |
| 1972 | U | PROD | | 0 | 0 | 2.0 | 230 | 3 | 0 | 3.6 | 564 | 3.6 | 15.4 | | | | C-16438 | |

| OPERATOR | PROJECT | PROJECT NAME | TYP | OIL PRODUCING ZONE | | | |
|---|---------|-----------------------|-----|--------------------|-------|-----|------|
| LOCATION | NO | | PRJ | NAME | DEPTH | THK | GRAV |
| ELLSWORTH COUNTY | | | | | | | |
| LORRAINE FIELD | | | | | | | |
| PETROLEUM INC 11,12-17S SW | C-13631 | LORRAINE UNIT | W | LKC | 2870 | 10 | 35.1 |
| STOLTENBERG FIELD | | | | | | | |
| JCHN JAY CARRAH JR 32,33-15S10W | C-18714 | ZVOLANEK-VACEK | W | SIMP | 3250 | 10 | 37.0 |
| KRM PETROLEUM 6-16S10W | CR-3783 | BARCLAY | D | ARB | 3355 | 6 | 39.5 |
| WILSON CREEK FIELD | | | | | | | |
| A.J. GORSKI 21-14S10W | C-16302 | VOPAT | P | LKC | 2820 | 14 | 38.0 |
| L.G. STEPHENSON 16-14S10W | C-16442 | SOUKUP | W | LANS | 2800 | 20 | 37.5 |
| L.G. STEPHENSON 21-14S10W | C-16265 | VOPAT D | P | LANS | 2820 | 20 | 37.5 |
| L.G. STEPHENSON 20-14S10W | C-16499 | PEKAREK | P | LANS | 2820 | 20 | 37.5 |
| L.G. STEPHENSON 19,20,29-14S10W | C-18315 | BORELL | P | LANS | 2820 | 20 | 37.4 |
| L.G. STEPHENSON 16-14S10W | C-16708 | K. VOPAT | P | LANS | 2800 | 20 | 37.5 |
| FINNEY COUNTY | | | | | | | |
| CAMME FIELD | | | | | | | |
| FALOMINO PETROLEUM 22-22S33W | C-13914 | CLARK | D | MISS | 4693 | 10 | 30.0 |
| TEXACO 5-22S33W | C-16552 | GARDEN CITY B | P | MARM | 3412 | NR | 28.4 |
| NUNN FIELD | | | | | | | |
| M.L. BROWN 23,26,27,34-21S34W | C-9779 | NUNN | P | MARM | 4276 | 9 | 30.0 |
| PLEASANT PRAIRIE FIELD | | | | | | | |
| HELMERICH & PAYNE 17,18,19,20,29-26S34W 30,31,32,33-27S34W 4,5,6,8,9,16-27S34W | C-13423 | PLEASANT PRAIRIE UNIT | P | MISS | 5050 | 15 | 33.5 |
| STEWART FIELD | | | | | | | |
| BEREN 12-23S31W | C-18492 | HAAG-MACKEY | | MORR | NR | NR | NR |
| FRANKLIN COUNTY | | | | | | | |
| BALDWIN FIELD | | | | | | | |
| LAYTON OIL 25-15S20E 30-15S21E | C-11721 | WELLSVILLE PROJECT | W | SGUIR | 750 | 18 | 26.0 |

| INJECTION DATA | | | | PRODUCTION DATA | | | | | | PROJECT | | | |
|----------------|---------|------------|---------|-----------------|---------|-------------|-------------|------|-------|---------|------|------|--------------------|
| FIRST YR | TYP WTR | SOURCE | WELLS | VOL INJ | WELLS | PROD VOL | ENHANC | PROD | NOTES | NO | | | |
| YR | WTR | | TOT NEW | MB OR (MMCF) | TOT NEW | MB OR(MMCF) | MB OR(MMCF) | CUM | 1981 | 1981 | CUM | | |
| | | | | 1982 CUM | | | | | | | | | |
| | | | | 1981 | | | | | | | | | |
| 1967 | M | PROD & DAK | 1 | 0 | 305 | 4295 | 4 | 0 | 9.8 | 434 | 9.8 | 196 | C-13631 |
| 1962 | T | PROD | 3 | 0 | 31.2 | 90.3 | 4 | 0 | 13.3 | 71.6 | NR | NR | C-18714 |
| 1978 | L | PROD | 1 | 0 | 48.5 | 206 | 2 | 0 | 1.5 | 201 | 0 | 0 | C-10057 CR-3783 |
| 1971 | U | PROD | 2 | 0 | 120 | 657 | 12 | 0 | 11.8 | 191 | 6.5 | 445 | C-16302 |
| 1972 | U | PROD | 1 | 0 | 36.3 | 311 | 2 | 0 | 1.4 | 69.0 | 0 | NR | C-16442 |
| 1972 | U | PROD | 2 | 0 | 63.8 | 803 | 11 | 0 | 42.2 | 770 | 0 | NR | C-16265 |
| 1972 | L | PROD | 1 | 0 | 125 | 1120 | 5 | 1 | 14.3 | 378 | 0 | NR | C-16499 |
| 1969 | U | PROD | 7 | 0 | 254 | 2941 | 24 | 0 | 47.7 | 1360 | 0 | NR | C-18315 |
| 1972 | L | PROD | 2 | 0 | 46.6 | 533 | 9 | 0 | 29.7 | 523 | 0 | NR | C-16708 |
| 1968 | U | PROD | 1 | 0 | 32.9 | 350 | 2 | 0 | 6.4 | 336 | 0.8 | 2.0 | C-13914 |
| 1972 | U | PROD | 1 | 0 | 227 | 3613 | 9 | 0 | 48.2 | 1343 | 0 | 0 | C-16552 |
| 1958 | T | PROD | 3 | 0 | 84.5 | 3520 | 17 | 0 | 30.9 | 3558 | 15.4 | 327 | C-9779 |
| 1966 | T | PROD & CGR | 8 | 0 | 1353 | 25348 | 62 | 0 | 372 | 9818 | 0 | 37.1 | C-13423 |
| NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 4 C-18492 |
| 1970 | PROD | | 2 | 0 | 43.2 | 586 | 6 | 0 | 0 | 0 | 0.4 | 11.4 | C-11721 |

| OPERATOR | PROJECT | PROJECT NAME | TYP | OIL | PRODUCING ZONE | | |
|--|---------|------------------|-----|---------|----------------|-----|------|
| LOCATION | NO | | PRJ | NAME | DEPTH | THK | GRAV |
| FRANKLIN COUNTY | | | | | | | |
| LELOUP FIELD | | | | | | | |
| P & W JT. VENTURES 34-15S20E | CR-3819 | BLEAKLEY | D | SQUIR | 658 | 12 | NR |
| NCRWOOD FIELD | | | | | | | |
| P & W JT. VENTURES 30-15S20E | CR-8818 | BRADY | D | SQUIR | 764 | 10 | NR |
| PAOLA-RANTOUL FIELD | | | | | | | |
| CONFEDERATION RESOUR 22-17S21E | CR-3788 | JUDSON A | W | FERU&SQ | 480 | 10 | NR |
| DON MCGINNES 32-17S21E | CR-9816 | MCGINNES A | D | CATTLE | 710 | 10 | NR |
| ELKHOUND RESOURCES 3,4,10-16S21E | C-7526 | WELLSVILLE FLOOD | W | SQUIR | 700 | 30 | 28.0 |
| JOHN T. CASADY OIL 31,32-15S21E | C-18352 | WELLSVILLE | W | SQUIR | 720 | 20 | 25.7 |
| LAVELL CRAIG 20-16S21E | C-12728 | HAYS | P | SQUIR | 700 | 20 | 30.0 |
| LAWRENCE C. TENK 17,18-18S21E | C-5419 | FLOYD CARTER | W | SQUIR | 600 | 17 | 27.0 |
| LAYTON OIL 31,32-15S21E | C-11109 | LELOUP AREA | W | SQUIR | 720 | 20 | 25.0 |
| LEE MCCINNIS 33-15S21E | CR-9815 | SNODDY | D | SQUIR | 698 | 7 | NR |
| LL&B OIL 29-16S21E | C-17266 | FINCH | P | SQUIR | 630 | 14 | NR |
| MARION TOWNER 32-16S21E | C-5495 | NAYLOR NE | W | SQUIR | 675 | 15 | 25.0 |
| MID-STATES ENERGY 18-16S21E | CR12783 | DIMOUSH-FERRELL | W | SQUIR | 650 | 10 | 26.0 |
| OAKS PETROLEUM 10,12,15-17S21E | CR-8775 | OAKS | P | SQUIR | 600 | 15 | 33.0 |
| P & W JT. VENTURES 3-16S21E | CR-6803 | STURN | W | SQUIR | 700 | 10 | 28.0 |
| RADER OIL 7,18-16S21E | C-17387 | STEPHENS | P | SQUIR | 685 | 12 | 26.0 |
| RADER OIL 19,30-16S21E | C-18455 | SLAVEN | P | SQUIR | 690 | 10 | 33.0 |
| RADER OIL 29-16 21E | C-17259 | COFFMAN | P | SQUIR | 625 | 15 | 31.0 |
| RANTCUL ENERGY 5,6-18S21E | C-713 | ROSEBERRY | W | SQUIR | 660 | 8 | 29.0 |
| | | | | | | | |
| RANTOUL ENERGY 7-18S21E | C-697 | JACKMAN | W | SQUIR | 615 | 8 | 30.0 |
| RANTCUL ENERGY 10,15,22,25-17S21E 26,35-17S21E | C-806 | GARDNER ET AL | W | SQUIR | 480 | 10 | 30.0 |
| REED OIL 18,19,20-17S21E | C-15342 | RANTOUL | W | SQUIR | 600 | 8 | 25.0 |
| WILLIAM CAENEN 32-16S21E | C-17598 | KURZ | P | SQUIR | 625 | 10 | 30.0 |
| *SEE ALSO DOLGLAS-FRANKLIN | | | | | | | |
| GOVE COUNTY | | | | | | | |
| ALBIN FIELD | | | | | | | |
| CHIEF DRILLING 10-14S27W | C-13915 | ALBIN | P | MISS | 4330 | 16 | 36.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | PROJECT | |
|----------------|-----|-------------|-------|-----|--------------|-------|-----|-------|------|-----------------|------|------|-------------|------|---------|----|
| FIRST TYP | | SOURCE | WELLS | | VOL INJ | | | WELLS | | PROD VOL | | | ENHANC | PROD | NOTES | NO |
| YR | WTR | | TOT | NEW | MB OR (MMCF) | | | TOT | NEW | MB OR(MMCF) | | | MB OR(MMCF) | | | |
| | | | | | 1982 | CUM | | | | 1982 | CUM | | 1982 | CUM | | |
| | | | | | 1981 | --- | | | | 1981 | --- | | 1981 | --- | | |
| 1982 | U | PROD | | 0 | 0 | 0 | NR | 17 | 16 | 5.5 | 6.6 | 0 | NR | 4 | CR-8819 | |
| 1981 | U | PROD | | 1 | 0 | 0.9 | 0.9 | 4 | 3 | 0.3 | 0.7 | 0 | NR | | CR-8818 | |
| NR | U | PROD | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 41 | CR-3788 | |
| NR | U | PROD | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 4 | CR-9816 | |
| 1959 | T | PROD | 20 | 0 | 126 | 10220 | 30 | 10 | 11 | 909 | NR | NR | NR | 42 | C-7526 | |
| 1965 | T | PROD & ARB | 15 | 1 | 70.8 | 1821 | 56 | 4 | 14.2 | NR | 14.2 | NR | NR | | C-18352 | |
| 1948 | U | PROD | 3 | 0 | 36.0 | 825 | 4 | 0 | 0.5 | 14.6 | 0.5 | 14.6 | NR | | C-12165 | |
| 1957 | T | PROD & MISS | 8 | 0 | 14.6 | 552 | 42 | 4 | 9.9 | NR | 2.0 | NR | NR | | C-12728 | |
| 1965 | U | PROD | 0 | 0 | 0 | 31.2 | 13 | 0 | 1.5 | 27.3 | 0 | 0 | 0 | | C-5419 | |
| NR | U | PROD | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 4 | CR-9815 | |
| 1974 | U | PRCD & MISS | 1 | 0 | 6.5 | NR | 11 | 4 | 1.5 | NR | 1.5 | NR | NR | | C-17266 | |
| NR | T | PROD | 2 | 0 | 4.0 | NR | 1 | 0 | 0.1 | NR | 0.1 | NR | NR | | C-5495 | |
| 1979 | M | PROD+FR | 9 | 0 | 23.0 | 48.5 | 35 | 0 | 7.7 | 50.5 | 2.5 | 6.9 | | | CR12783 | |
| 1977 | T | PROD | 25 | 0 | 192 | NR | 165 | 5 | 31.0 | NR | 15.5 | NR | | | CR-8775 | |
| 1980 | M | PROD | 4 | 0 | 1.8 | 2.3 | 7 | 0 | 1.6 | NR | 1.6 | 1.6 | | | C-806 | |
| 1970 | U | PROD | 10 | 0 | 62.1 | 419 | 25 | 1 | 7.7 | 67.2 | 1.3 | 26.4 | | | CR-6803 | |
| 1976 | U | PROD | 1 | 0 | 8.0 | 45.2 | 13 | 0 | 2.2 | 19.7 | 0.3 | 0.9 | | | C-17387 | |
| 1975 | U | PROD | 3 | 0 | 10.9 | 35.5 | 18 | 7 | 2.9 | 11.2 | 0 | 0 | | | C-18459 | |
| 1942 | U | PRCD | 0 | 0 | 0 | 45.0 | 23 | 0 | 3.8 | 29.0 | 0 | 14.0 | 2 | | C-713 | |
| 1942 | U | PROD | 0 | 0 | 0 | 1500 | 105 | 0 | 10.4 | 220 | 0 | 105 | 2 | | C-697 | |
| 1943 | U | PROD | 0 | 0 | 0 | 21000 | 26 | 0 | 6.4 | 2000 | 0 | 1200 | | | C-806 | |
| 1970 | M | PROD & GRAV | 28 | 2 | 64.1 | 1086 | 40 | 0 | 14.7 | 108 | 14.7 | 108 | | | C-15342 | |
| 1969 | M | PROD | 2 | 0 | 10.0 | 840 | 3 | 0 | 0.8 | 7.8 | NR | NR | | | C-17598 | |
| NR | U | PROD | 1 | 0 | 110 | 444 | 2 | 0 | 2.7 | 58.8 | 0 | NR | | | C-13915 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- | |
|--|------------------------|-----------------------|-------------------|--|---------------|
| GOVE COUNTY ===== | | | | | |
| CAMPUS SICING FIELD | | | | | |
| A.L. ABERCROMBIE 2-11S31W | C-17846 | BLOOM | D | LKC | 4021 3 38.0 |
| CASTLE ROCK FIELD | | | | | |
| CHIEF DRILLING 27-14S27W | C-13217 | SAUER | P | MISS | 4300 16 36.0 |
| PICKRELL DRILLING 29-14S27W | C-16501 | ALBIN GH UNIT | D | KC | 3917 12 38.0 |
| CHAPMAN FIELD | | | | | |
| PICKRELL DRILLING 27,35-15S26W | C-17166 | CHAPMAN A | MARM | 4338 | 17 35.0 |
| LUNDREN SOUTH FIELD | | | | | |
| ENERGY RESERVES 31-14S29W | CR-7779 | LUNDREN WFS | W | MISS | 4250 50 35.0 |
| MISSOURI FLATS FIELD | | | | | |
| DCNAULD C. SLAWSON 27-14S28W | C-17366 | BEESLEY C | W | LKC | 3700 6 38.0 |
| RCSA FIELD | | | | | |
| PICKRELL DRILLING 34-15S27W | C-15205 | ROSA BECKER B | P | KC | 4000 6 38.0 |
| GRAHAM COUNTY ===== | | | | | |
| BLAZIER FIELD | | | | | |
| CITCO 12,27,28- 7S25W | C-9707 | BLAZIER LKC UNIT | W | LKC | 3800 20 39.0 |
| BRASSFIELD FIELD | | | | | |
| MURFIN DRILLING 25,36- 9S22W | C-17942 | WOLFE WF | P | LKC | 3570 204 38.0 |
| BRUSH CREEK FIELD | | | | | |
| CITCO 4,9- 9S23W | C-15497 | BRUSH CREEK LKC UNIT | W | LKC | 3740 10 35.0 |
| BRUSH CREEK NW FIELD | | | | | |
| MURFIN DRILLING 32- 8S23W 5- 9S23W | C-17655 | BRUSH CREEK INJ. COOP | P | LKC | 3686 40 34.0 |
| BUTCHER FIELD | | | | | |
| DREILING OIL 32-9S23W | C-16043 | BUTCHER | D | LKC | 3782 95 36.0 |
| COOPER FIELD | | | | | |
| JCHN C. FARMER 14-10S21W | C-18506 | ACHESON | P | ARB&LKC | 3790 10 30.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|-----|-------------|-------|------|--------------|------|-------|-------------|-------------|-----------------|-------------|------|-------|----|---------|---------|--|
| FIRST YR | TYP | SOURCE | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC PROD | | NOTES | NO | | | |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR(MMCF) | MB OR(MMCF) | CUM | MB OR(MMCF) | CUM | | | | | |
| | | | 1982 | 1981 | 1982 | 1982 | 1981 | 1982 | 1982 | 1981 | 1982 | 1981 | | | | | |
| | | | | | 1981 | | | | | | | | | | | | |
| 1975 | U | PROD | 1 | 0 | 9.7 | 39.2 | 1 | 0 | 1.0 | 11.0 | 0 | 1.5 | | | C-17846 | | |
| NR | U | PROD | 1 | 0 | 45.3 | 252 | 1 | 0 | 1.0 | 17.5 | 0 | NR | | | C-13217 | | |
| 1972 | U | PROD | 1 | 0 | 9.7 | 118 | 5 | 0 | 5.5 | 221 | 0 | 0 | | | C-16501 | | |
| 1975 | U | PROD | 1 | 0 | 9.8 | 47.3 | 2 | 0 | 2.0 | 51.0 | 0 | 0 | | | C-17166 | | |
| 1977 | U | PROD | 2 | 0 | 257 | 857 | 7 | 0 | 11.1 | 68.8 | 8.9 | 41.3 | | | CR-7779 | | |
| 1974 | U | PROD | 1 | 0 | 145 | 722 | 2 | 0 | 6.6 | 203 | 4.5 | 56.9 | | | C-17366 | | |
| 1970 | U | PROD | 1 | 0 | 5.0 | 48.7 | 1 | 0 | 1.8 | 72.0 | 0 | 3.1 | | | C-15205 | | |
| 1962 | T | PROD & DAK | 4 | 0 | 485 | 5875 | 4 | 0 | 13.4 | 1064 | 13.4 | 551 | | | C-9707 | | |
| 1975 | T | PROD & ARB | 1 | 0 | 150 | 682 | 3 | 0 | 2.7 | 84.7 | NR | NR | | | C-17942 | | |
| 1970 | T | PROD & CEDH | 5 | 0 | 560 | 6769 | 9 | 0 | 10.8 | 1134 | 10.8 | 336 | | | C-15497 | | |
| 1974 | T | PROD | 2 | 0 | 196 | 776 | 4 | 0 | 6.7 | 171 | NR | NR | | | C-17655 | | |
| 1971 | T | PROD | 1 | 0 | 120 | 230 | 3 | 0 | 7.0 | 217 | 3.9 | 132 | | | C-15043 | | |
| 1974 | U | PROD | 1 | 0 | 260 | 2357 | 6 | 0 | 16.9 | 984 | 1.3 | 49.4 | | | C-18506 | | |

| OPERATOR LOCATION | PROJECT NO | PROJECT NAME | TYP PRJ | OIL PRODUCING ZONE NAME DEPTH THK GRAV | |
|---|---------------|----------------------|------------|---|--|
| GRAHAM COUNTY | | | | | |
| COOPER FIELD | | | | | |
| PETROLEUM INC 24-10S21W | C-12527 | COOPER PILOT FLOOD | W PRJ | ARB 3740 15 34.1 | |
| DIEBOLT FIELD | | | | | |
| SUN OIL 16,17,20,21,28-10S23W | C-9110 | DIEBOLT LKC | W | LKC 3050 20 42.0 | |
| ELRICK FIELD | | | | | |
| MULTISTATE OIL PROP. 3,9,10,14,15-10S25W | C-14576 | ELRICK UNIT | W | KC 3800 150 40.0 | |
| TEXACO 11-10S25W | C-15410 | EAST ELRICK | W | LKC 3750 NR 41.0 | |
| ELRICK SOUTHEAST FIELD | | | | | |
| HERDON OIL & GAS 14-10S25W | C-12249 | KNOLL B | P | LANS 3777 5 32.0 | |
| EMOR FIELD | | | | | |
| BANKOFF OIL 28,35- 9S25W | C-14844 | BOLLY INJ | W | LANS 3870 4 36.0 | |
| TEXACO 35- 9S25W | C-16551 | SPIES | W | LKC 3800 3 41.0 | |
| EVERGREEN NORTHWEST FIELD | | | | | |
| SAND CREEK PROD 8,17- 9S23W | C-10747 | EVERGREEN NW | W | LKC 3703 10 36.0 | |
| FABRICIUS FIELD | | | | | |
| CITCO 19,23,24,25,26- 7S23W 2- 8S23W | C-11084 | FABRICIUS LKC UNIT | W | LKC 3836 10 40.0 | |
| FABRICIUS SOUTH FIELD | | | | | |
| M.L. BROWN 2- 8S23W | CR77714 | MONTGOMERY | P | LKC 3545 159 37.0 | |
| GLENDALE SOUTH FIELD | | | | | |
| DREILING OIL 23,24- 9S24W | | | | | |
| DREILING OIL 23,24- 9S24W | C-14533 | NICKELSON B | D | LKC 3825 90 36.0 | |
| GRA-SHER FIELD | | | | | |
| KIMBARK OIL & GAS CO 6-10S25W | C-18387 | GRA-SHER UNIT | W | TCR&LKC 4070 240 35.0 | |
| HARMONY SOUTH FIELD | | | | | |
| CITCO 5,6,7,8-08S22W | CR-4803 | HARMONY S. L-KC UNIT | W | LKC 3428 5 NR | |
| HIGH HILL FIELD | | | | | |
| ENERGY RESOURCES O&G 17,18,19,20-10S24W | C-17634 | HIGH HILL | W | LKC 3725 250 37.0 | |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|------|-------------|-------|-----|--------------|---------|-----|-------------|-------|-----------------|-------------|----------|-----|--|--------|---------|--------------------|----|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PRCD | NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | TOT | NEW | MB OR(MMCF) | | | | | | | |
| | | | | | 1982 | CUM | | | 1982 | CUM | | 1982 | CUM | | | | | |
| | | | | | (98) | | | | (98) | | | (98) | | | | | | |
| 1966 | U | PROD | 1 | 0 | 130 | 1504 | 6 | 0 | 7.0 | 754 | 7.0 | 228 | | | | | C-12527 | |
| 1962 | U | PROD | 6 | 0 | 1430 | 30017 | 22 | 0 | 80.6 | 4686 | 80.6 | 2228 | | | | | C-9110 | |
| 1969 | T | PROD | 6 | 0 | 595 | NR | 29 | 0 | 71.7 | NR | 59.5 | NR | | | | | C-14576 | |
| 1971 | L | PROD & CEDH | 6 | 0 | 297 | 4038 | 5 | 0 | 34.7 | 336 | 34.7 | 281 | | | | | C-15410 | |
| 1966 | L | PRCD | 1 | 0 | 21.8 | 342 | 1 | 0 | 1.8 | 37.3 | NR | NR | | | | | C-12249 | |
| 1969 | U | PROD | 1 | 0 | 60.0 | 915 | 3 | 0 | 4.0 | 115 | 3.5 | 10.3 | | | | | C-14844 | |
| 1972 | U | PRCD | 1 | 0 | 87.6 | 536 | 2 | 0 | 7.7 | 116 | 0 | 0 | | | | | C-16551 | |
| 1964 | T | PROD | 3 | 0 | 192 | 2500 | 6 | 0 | 5.5 | 330 | 5.5 | 250 | 43 | | | | C-10747 | |
| 1964 | T | PROD & CEDH | 4 | 0 | 694 | 10200 | 4 | 0 | 11.9 | 1457 | 11.9 | 611 | | | | | C-11084 C-11076 | |
| 1977 | T | PRCD | 1 | 0 | 117 | 453 | 4 | 0 | 4.2 | 21.1 | 1.1 | 1.9 | | | | | CR 77714 | |
| 1968 | T | PROD | 1 | 0 | 65.1 | 946 | 3 | 0 | 3.3 | 198 | 2.8 | 83.8 | | | | | C-14533 | |
| 1977 | M | PRCD & CEDH | 3 | 0 | 103 | 412 | 7 | 0 | 6.8 | 983 | 6.8 | 38.6 | | | | | C-18387 | |
| 1980 | T | PROD | 2 | 0 | 131 | 145 | 3 | 0 | 5.2 | 544 | NR | NR | | | | | CR-4803 | |
| 1973 | U | PROD & CEDH | 4 | 0 | NR | NR | 11 | 0 | 21.4 | 483 | NR | NR | | | | | C-17634 C-16842 | |

| OPERATOR ----- LOCATION | PROJECT ----- NO | PROJECT NAME | TYP | OIL PRODUCING ZONE | | | |
|---|------------------------|---------------------|-----|--------------------|-------|-----|-------|
| | | | PRJ | NAME | DEPTH | THK | GRAV |
| | | | --- | ----- | ----- | --- | ----- |
| GRAHAM COUNTY ===== | | | | | | | |
| HOETING FIELD ===== | | | | | | | |
| DCN E. PRATT 29-9S24W | CR-2808 | NICKELSON A | P | LKC | 4072 | 10 | 36.0 |
| HOLLEY FIELD ===== | | | | | | | |
| CHEW OIL&GAS 9-9S24W | C-12174 | KEITH | D | LKC | 3882 | 4 | NR |
| CITCO 33- 8S24W | C-9991 | HOLLEY UNIT | W | LKC | 3957 | 4 | 37.0 |
| FELL & WOLFE OIL 33- 8S24W | C-6453 | BLACKBURN | D | KC | 3968 | 6 | 35.6 |
| FELL & WOLFE OIL 10- 9S24W | C-8742 | HOLLEY | W | LKC | 3924 | 40 | 38.7 |
| FELL & WOLFE OIL 4- 9S24W | C-11613 | KEITH ETAL | | LKC | 3775 | 209 | 38.0 |
| FELL & WOLFE OIL 10- 9S24W | C-10363 | CLARK | D | KC | 3960 | 5 | 28.7 |
| PETROLEUM MANAGEMENT 30,31,32- 8S24W 5,6- 9S24W 25,36- 8S25W | C-9577 | HOLLEY | W | LANS | 3950 | 8 | 40.0 |
| HOLLEY SOUTHEAST FIELD ===== | | | | | | | |
| CITCO 15- 9S24W | C-10367 | NICKELSON "A" COOP | W | LKC | 3847 | 12 | 37.0 |
| HOOF FIELD ===== | | | | | | | |
| CITCO 9,16-10S23W | C-15766 | HOOF LKC UNIT | W | LKC | 3850 | 16 | 35.0 |
| HOOF NORTHWEST FIELD ===== | | | | | | | |
| CITCO 31- 9S23W | C-16528 | HOOF N.W. L-KC UNIT | W | LKC | 3900 | 6 | 38.0 |
| DANE G. HANSEN TRUST 6-10S23W | C-13102 | GANO INPUT | D | LKC | 3700 | 200 | 39.0 |
| HUNTINGTON FIELD ===== | | | | | | | |
| BEREN & FARMER 7,18- 7S25W | C-18445 | HUNTINGTON COOP | P | LKC | 3802 | 24 | 36.0 |
| IRONCLAD FIELD ===== | | | | | | | |
| COLLINS & COLLINS 23,25,26-09S22W | C-10578 | IRONCLAD UNIT | | LKC | NR | NR | NR |
| GLENN W. PEEL EST 26- 9S22W | C-13981 | DESAIR | D | LKC | 3640 | 160 | 38.0 |
| JACKSON BRANCH FIELD ===== | | | | | | | |
| BEREN 8-9S23W | C-13960 | H. H. STEWART | | LKC | NR | NR | NR |
| KNOLL FIELD ===== | | | | | | | |
| KAISER-FRANCIS 5-9S25W | CR28012 | DREILING E | D | LKC | 4005 | 218 | 32.5 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|-----|-------------|-------|-----|--------------|--------|-------|-----|----------|-----------------|--------|--------|------|---------|----|---------|--|
| FIRST YR | TYP | SOURCE | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC | | PROD | NOTES | NG | | |
| | | | TOT | NEW | MB OR (MMCF) | 1982 | CUM | TOT | NEW | MB CR(MMCF) | 1982 | CUM | | | | | |
| | | | | | | (1981) | | | | (1981) | | (1981) | | | | | |
| 1979 | U | PROD | 1 | 0 | 73.0 | NR | 8 | 0 | 19.4 | NR | 8.4 | NR | | CR-2808 | | | |
| 1980 | U | PROD | 1 | | 18.0 | 52.0 | 3 | | 1.1 | 3.1 | 0.3 | 0.9 | | C-12174 | | | |
| 1983 | T | PROD & CEDH | 4 | 0 | 143 | 3445 | 5 | 0 | 3.9 | 573 | 3.9 | 254 | | C-9991 | | | |
| 1983 | U | PROD | 1 | 0 | 24.8 | NR | 2 | 0 | 2.0 | NR | 1.5 | NR | | C-6453 | | | |
| 1983 | F | FR | 1 | 0 | 172 | NR | 4 | 0 | 2.5 | NR | 1.2 | NR | | C-8742 | | | |
| 1985 | U | PROD | 4 | 0 | 167 | NR | 9 | 0 | 42.0 | NR | 3.1 | NR | | C-11613 | | | |
| 1985 | | PROD | 1 | 0 | 1.1 | NR | 1 | 0 | 0.9 | NR | 0.4 | NR | | C-10363 | | | |
| 1983 | T | PROD & CEDH | 6 | 0 | 407 | 23565 | 10 | 0 | 11.7 | 2036 | 11.7 | 2036 | | C-9577 | | | |
| 1984 | T | PROD & CEDH | 2 | 0 | 93.8 | 1763 | 1 | 0 | 2.6 | 338 | 2.6 | 104 | | C-10367 | | | |
| 1970 | T | PROD & CEDH | 8 | 0 | 1051 | 10524 | 18 | 0 | 44.0 | 3729 | 44.0 | 804 | | C-15766 | | | |
| 1972 | T | PROD & DAK | 6 | 0 | 615 | 5334 | 9 | 0 | 32.9 | 1203 | 32.9 | 416 | | C-16528 | | | |
| 1986 | T | PROD & DAK | 3 | 0 | 369 | 3367 | 6 | 0 | 26 | 534 | NR | NR | | C-13102 | | | |
| 1977 | U | PROD | 2 | 0 | 256 | 1719 | 5 | 0 | 6.1 | 43.5 | 2.7 | 43.6 | | C-18445 | | | |
| NR | NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 | C-10578 | | | |
| 1988 | U | PROD | 1 | 0 | 27.9 | 241 | 2 | 0 | 4.2 | 91.9 | 4.2 | 51.9 | | C-13981 | | | |
| NR | NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 4 | C-13960 | | | |
| 1979 | U | PROD | 1 | 0 | 2.9 | 20.0 | 1 | 0 | 5.2 | 27.9 | 0 | NR | | CR28012 | | | |

| OPERATOR ----- LOCATION | PROJECT ----- NO | PROJECT NAME ----- | TYP ----- | OIL PRODUCING ZONE | | | | |
|--|------------------------|-----------------------|--------------|--------------------|------|-------|------|------|
| | | | | PRJ | NAME | DEPTH | THK | GRAV |
| GRAHAM COUNTY ===== | | | | | | | | |
| KNOLL NORTH FIELD ===== | | | | | | | | |
| DANE G. HANSEN TRUST 30- 8S25W | C-16383 | HANSEN ESTATE | D | LKC | 3825 | 200 | 38.0 | |
| KCCH EXPLORATION 29,32- 8S25W | C-18437 | KNOLL, NORTH LKC | W | LKC | 3770 | NR | 41.0 | |
| KOHART FIELD ===== | | | | | | | | |
| R & E NICKELSON 27,34- 9S24W | C-15310 | MOORE-KURTZ | W | LKC | 4115 | 225 | 37.0 | |
| LAW FIELD ===== | | | | | | | | |
| DCN E. PRATT 2-10S23W | C-13221 | C.F. GRIFFITH | | LANS | NR | NR | NR | |
| LAW NORTHWEST FIELD ===== | | | | | | | | |
| BURCH EXPLOR 28- 5S23W | C-9379 | LAW NW | D | LKC | 3900 | 180 | 36.0 | |
| LAW SOUTHEAST FIELD ===== | | | | | | | | |
| MONSANTO 12-10S23W | C-9536 | S. E. LAW UNIT | | LANS | NR | NR | NR | |
| MARTH WASHINGTON FIELD ===== | | | | | | | | |
| GALLOWAY DRILLING 24-10S25W | CR-3816 | KNOLL | W | LKC | 3761 | 72 | 36.0 | |
| MARTHA WASHINGTON FIELD ===== | | | | | | | | |
| JAY H. GALLOWAY 24-10S25W | CR-6783 | KNOLL | D | LKC | 3761 | 180 | 35.0 | |
| MILDREXETER FIELD ===== | | | | | | | | |
| DCN E. PRATT 11-9S23W | C-14679 | CASEY JONES UNIT | | LKC | NR | NR | NR | |
| MCREL FIELD ===== | | | | | | | | |
| GRAVES DRILLING 7- 5S21W | CR77710 | COOLEY | A | LKC | 3550 | 10 | 34.0 | |
| M.L. BROWN 14,23- 9S21W | | | | | | | | |
| NCRA 7- 5S21W | C-14298 | LKC | W | LKC | 3420 | 30 | 33.0 | |
| NANA NORTHWEST FIELD ===== | | | | | | | | |
| CITCO 32,33- 7S24W 4,5- 8S24W | C-11191 | NANA NW LKC UNIT | W | LKC | 3600 | 10 | 38.0 | |
| PENOKEE FIELD ===== | | | | | | | | |
| GRIGGS OIL 2,12-8S24W | C-6240 | LYON-NICHOLSON | | LKC | NR | NR | NR | |
| RED LINE FIELD ===== | | | | | | | | |
| PETROLEUM INC 30- 5S22W 24,25- 9S23W | C-14964 | RED LINE NW UNIT | W | LKC | 3800 | 15 | 40.2 | |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|-----|-------------|-------|-----|-----|---------|------|------|--------|-----------------|-----|----------|----------|--------|----------|---------|-------------------|
| FIRST | TYF | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | ENHANC | PROD | NOTES | NC |
| | | | YR | WTR | TOT | NEW | MB | OP. | (MMCF) | TOT | NEW | MB | CR(MMCF) | MB | CR(MMCF) | | |
| | | | | | | | 1982 | CUM | | 1982 | CUM | 1982 | CUM | 1981 | 1981 | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| 1972 | U | PROD | | | 1 | 0 | 137 | 982 | | 4 | 0 | 5.9 | 248 | NR | NR | | C-16383 |
| NR | | NR | | | 0 | 0 | 0 | 0 | | 5 | 0 | 36.9 | 847 | 0 | 0 | 2 | C-18437 |
| 1970 | | NR | | | 0 | 0 | NR | NR | | 1 | 0 | 0.6 | NR | 0 | 0 | 5 | C-15310 |
| NR | | NR | | | NR | NR | NR | NR | | NR | NR | NR | NR | NR | NR | 5 | C-13221 |
| 1962 | U | CED H | | | 1 | 0 | 0 | 2301 | | 3 | 0 | 4.4 | 334 | 4.4 | 289 | 2 | C-9379 C-10386 |
| NR | | NR | | | NR | NR | NR | NR | | NR | NR | NR | NR | NR | NR | 44 | C-9536 |
| 1981 | U | PROD | | | 1 | 0 | 7.2 | 7.2 | | 1 | 0 | 1.3 | 207 | 1.3 | 1.3 | 45 | CR-3816 |
| 1978 | U | PROD | | | NR | NR | NR | NR | | NR | NR | NR | NR | NR | NR | 46 | CR-6783 |
| NR | | NR | | | NR | NR | NR | NR | | NR | NR | NR | NR | NR | NR | 5 | C-14679 |
| 1977 | U | PROD | | | 1 | 0 | 58.3 | 234 | | 2 | 0 | 2.2 | 13.2 | NR | NR | | CR77710 |
| 1968 | T | PROC & ARB | | | 1 | 1 | 513 | 5878 | | 9 | 0 | 15.0 | 4879 | 15.0 | 300 | | C-14298 |
| 1969 | T | PROD | | | 1 | 0 | 343 | 286 | | 1 | 0 | 1.3 | 27.0 | 1.3 | 24.1 | | C-14977 |
| 1966 | T | PROD & CEDH | | | 2 | 0 | 46.1 | 2068 | | 2 | 0 | 3.0 | 478 | 3.0 | 188 | | C-11191 |
| NR | U | PROD | | | NR | NR | NR | NR | | NR | NR | NR | NR | NR | NR | 5 | C-6240 C-9826 |
| 1969 | M | PROD&DAK&CH | | | 2 | 0 | 228 | 3380 | | 5 | 0 | 3.7 | 471 | 3.7 | 159 | | C-14964 |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- ----- ----- ----- |
|--|------------------------|-----------------------|-------------------|--|
| GRAHAM COUNTY ===== | | | | |
| RED LINE FIELD | | | | |
| ROBERT R. PRICE 32-05S22W | C-6173 | STURGEON | P KC | 3860 7 38.0 |
| SCHMIED FIELD | | | | |
| PETROLEUM MANAGEMENT 17- 8S25W | C-8553 | MADDEN-DAVIS UNIT | W LANS | 3650 15 41.0 |
| PETRO-LEWIS 16- 8S25W | C-9396 | MADDEN-DAVIS | D LKC | 3800 60 40.0 |
| SCHNEBLY FIELD | | | | |
| THORNTON E. ANDERSON 9- 8S22W | C-17324 | JONES | P LKC | 3507 3 40.0 |
| SHILOH FIELD | | | | |
| PETRO-LEWIS 1,2- 9S25W | C-9397 | MINIUM | D LKC | 3800 60 38.0 |
| VAN FIELD | | | | |
| KCCH EXPLORATION 14- 5S22W | C-7334 | SANDZEN | W LKC | 3490 20 30.0 |
| NCRA 14- 5S22W | C-10328 | VAN LOENEN | W LANS | 3497 15 36.6 |
| VESPER FIELD | | | | |
| PETROLEUM INC 31- 5S22W 36- 5S23W | C-10172 | VESPER UNIT | W LKC | 3460 22 39.6 |
| GRAHAM-ROCKS COUNTIES ===== | | | | |
| TRICO WEST FIELD | | | | |
| CITCO 31-1CS20W 36-1CS21W | C-17940 | TRICO WEST UNIT | W LKC | 3388 15 NR |
| GRAHAM-SHERIDAN COUNTIES ===== | | | | |
| LINDENMAN FIELD | | | | |
| OKMAR OIL 31- 6S25W 36- 6S26W | C-15006 | LINDENMAN COOP | W LKC | 3860 5 36.0 |
| GRAHAM-TREFO COUNTIES ===== | | | | |
| DIEBOLT FIELD | | | | |
| CITCO 33-1CS23W 4,5,6-11S23W | C-6808 | NW WAKEENEY COOP | W LKC | 3588 4 40.0 |

| INJECTION DATA | | | | | PRODUCTION DATA | | | | | PROJECT | | | |
|----------------|-----|-------------|-------|---------|-----------------|----------|--------|---------------|-------------|---------|------|------|----------|
| FIRST YR | TYP | SOURCE | WELLS | VOL INJ | WELLS | PROD VOL | ENHANC | PROD NOTES | NO | | | | |
| YR | WTR | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR(MMCF) | MB OR(MMCF) | | | | |
| | | | | | 1982 [98]) | CUM | | 1982 [98]) | CUM | | | | |
| 1965 | T | PROD | 1 | 0 | 16.0 | 506 | 3 | 0 | 3.0 | 329 | 3.0 | 180 | C-6173 |
| 1961 | T | PROD & CEDH | 3 | 1 | 320 | 9780 | 2 | 0 | 4.5 | 443 | 4.5 | 116 | C-8553 |
| 1961 | U | PROD | 1 | 0 | 47.3 | 2463 | 2 | 0 | 1.6 | 375 | 1.6 | 375 | C-9396 |
| 1974 | U | PROD | 1 | 0 | 2.6 | 14.6 | 1 | 0 | 0.7 | 48.3 | 0.1 | 0.8 | C-17324 |
| 1962 | U | PROD | 1 | 0 | 79.6 | 2770 | 1 | 0 | 0.6 | 145 | 0.6 | 145 | C-9397 |
| 1959 | | NR | 0 | 0 | 0 | 1189 | 3 | 0 | 5.1 | 584 | 18.8 | 134 | 2 C-7334 |
| 1963 | T | PROD | 1 | 0 | 146 | 3300 | 4 | 0 | 3.2 | 231 | 2.1 | 127 | C-10328 |
| 1963 | M | PROD&DAK&CH | 5 | 0 | 717 | 16725 | 10 | 0 | 13.5 | 1773 | 13.5 | 700 | C-10172 |
| 1976 | T | PROD | 4 | 0 | 200 | 867 | 8 | 0 | 22.0 | 423 | 17.4 | 59.9 | C-17940 |
| 1969 | U | PROD | 1 | 1 | 148 | 1987 | 5 | 0 | 21.3 | 913 | 13.6 | 923 | C-15006 |
| 1958 | T | PROD & CEDH | 2 | 0 | 420 | 7970 | 6 | 0 | 6.0 | 2120 | 6.0 | 783 | C-6808 |

| OPERATOR LOCATION | PROJECT NO | PROJECT NAME | TYP PRJ | OIL PRODUCING ZONE NAME DEPTH THK GRAV |
|----------------------|------------|--------------|------------|---|
|----------------------|------------|--------------|------------|---|

GREENWOOD COUNTY

ATYEO-PIXLEE FIELD

| | | | | |
|------------------------------------|---------|-------------|---|--------------------|
| AZTEC OIL 12-22S 9E 7-22S10E | C-15055 | EVANS UNIT | W | MISS 2400 13 36.0 |
| CHARLES S. RITCHIE 6-22S10E | C-2813 | ATYEO | W | BARTL 2420 18 40.0 |
| CHARLES S. RITCHIE 5-22S10E | C-4288 | PIXLEE | W | BARTL 2420 18 40.0 |
| R.J. WIMSON CO 8-22S10E | C-8384 | YORK-PIXLEE | W | BARTL 2310 15 NR |

BEAUMONT FIELD

| | | | | |
|-----------------------------------|---------|--------------|---|-------------------|
| E.H. ACAIR OIL 24-27S 8E | C-17019 | FOWLER | P | MISS 2426 16 35.0 |
| K.T. WIEDEMAN TRUST 2-28S 8E | C-10680 | EDGAR | D | MISS 2480 NR 35.0 |
| K.T. WIEDEMANN TRUST 25-27S 8E | C-17590 | TEMPLE-LEWIS | W | MISS 2431 19 33.0 |
| STEWART BROS. 2,11-28S 8E | C-17096 | EDGAR | P | MISS 2500 14 36.0 |

BROWNING FIELD

| | | | | |
|---------------------------------|---------|------------|---|--------------------|
| AM PETROFINA TEXAS 19-22S10E | C-8755 | BROWNING A | W | BARTL 2550 28 NR |
| AM PETROFINA TEXAS 24-22S 9E | C-14909 | BROWNING C | W | BARTL 2550 28 40.0 |

BURKETT FIELD

| | | | | |
|----------------------------------|--------|----------------|---|--------------------|
| F. D. GAINES OIL TR 27-23S10E | C-816 | BURKETT E UNIT | P | BARTL 2250 50 40.0 |
| F. D. GAINES OIL TR 23-23S10E | C-819 | BURKETT UNIT D | P | BARTL 2226 40 40.0 |
| F. D. GAINES OIL TR 26-23S10E | C-818 | BURKETT UNIT F | P | BARTL 2223 40 40.0 |
| F. D. GAINES OIL TR 13-23S10E | C-817 | BURKETT B UNIT | P | BARTL 2080 50 40.0 |
| F. D. GAINES OIL TR 18-23S11E | C-0001 | BURKETT UNIT A | P | BARTL 2145 50 40.0 |
| F. D. GAINES OIL TR | C-749 | BURKETT-C | W | BARTL 2130 50 40.0 |

24-23S10E

CLIMAX FIELD

| | | | | |
|-----------------------------------|--------|--------|---|------------------|
| DIANNE McCARTHY OIL 4,9-27S11E | C-5726 | CLIMAX | P | MISS 1850 6 28.0 |
|-----------------------------------|--------|--------|---|------------------|

DEMALARIE-SOWDER FIELD

| | | | | |
|-------------------------------|---------|----------|---|--------------------|
| H.G. FORBES 13-22S10E | C-13779 | CLOPTON | D | BARTL 2000 10 39.0 |
| JOHN P. RODENBECK 3-22S10E | C-2071 | PIX UNIT | D | BARTL 2100 35 40.0 |
| R & G OIL 19-22S11E | C-2309 | HARRIS | D | BARTL 2060 40 39.0 |
| R & G OIL 18-22S11E | C-3124 | CLOPTON | D | BARTL 2100 40 41.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | PROJECT | |
|----------------|------|-------------|-------|-----|--------------|---------|-----|-------|-----|-----------------|----------|------|--------|------|-------------------------------|----|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | WELLS | | | PROD VOL | | ENHANC | PROD | NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | 1982 | CUM | TOT | NEW | MB CR(MMCF) | 1982 | CUM | | | | |
| | | | | | | [98] | | | | | [98] | | | | | |
| 1970 | U | PROD | 2 | 0 | 0.4 | NR | 13 | 0 | 5.1 | NR | 5.1 | NR | | | C-15055 | |
| 1955 | M | PROD | 2 | 0 | 110 | NR | 10 | 0 | 7.3 | NR | 7.3 | NR | | | C-2813 | |
| 1955 | M | PROD | 2 | 0 | 146 | NR | 5 | 0 | 6.6 | NR | 6.6 | NR | | | C-4288 | |
| NR | U | PROD | 1 | 0 | 25.7 | NR | 0 | 0 | 1.1 | NR | 0 | 0 | | | C-8384 | |
| 1973 | L | PROD | 1 | 0 | 2.3 | 17.6 | 3 | 0 | 3.5 | 39.0 | 0 | 0 | | | C-17019 | |
| 1963 | T | PROD | 1 | 0 | 11.0 | 144 | 7 | 0 | 8.1 | 315 | NR | NR | | | C-10680 | |
| 1974 | T | PROD | 2 | 0 | 81.5 | 625 | 19 | 0 | 9.1 | 1376 | NR | NR | | | C-17590 C-12117 C-17096 | |
| 1973 | U | PROD | 1 | 0 | 21.2 | 246 | 4 | 0 | 4.1 | 102 | NR | NR | | | | |
| 1965 | U | PROD & DOUG | 2 | 0 | 606 | 3882 | 6 | 0 | 3.9 | 603 | 3.9 | 603 | | | C-8755 | |
| 1966 | U | PROD & DOUG | 1 | 0 | 24.8 | 1441 | 1 | 0 | 0.5 | 256 | 0.5 | 139 | | | C-14909 | |
| 1961 | T | PROD&DOUG | 5 | 0 | 32.0 | NR | 10 | 0 | 1.8 | NR | 14.6 | NR | | | C-816 | |
| 1961 | T | PROD&DOUG | 2 | 0 | 30.0 | NR | 4 | 0 | 6 | NR | 2.2 | NR | | | C-819 | |
| 1964 | T | PROD & DOUG | 2 | 0 | 0 | NR | 3 | 0 | 2.6 | NR | 2.6 | NR | 2 | | C-818 | |
| 1949 | T | PROD&DOUG | 4 | 0 | 29.2 | NR | 9 | 0 | 7.3 | NR | 0.7 | NR | | | C-817 | |
| 1961 | T | PROD&DOUG | 1 | 0 | 21.9 | NR | 2 | 0 | 3.6 | NR | 0.4 | NR | | | C-0001 | |
| 1954 | | PROD | 5 | 0 | 0 | NR | 4 | 0 | 3.3 | NR | 3.3 | NR | 2 | | C-749 | |
| 1957 | T | PROD | 1 | 0 | 110 | 1000 | 3 | 0 | 1.3 | NR | 1.3 | NR | | | C-5726 | |
| NR | U | PROD | 1 | 0 | 10.0 | 100 | 2 | 0 | 1.3 | 15.0 | 1.0 | 12.0 | | | C-13779 | |
| 1974 | T | PROD & DOUG | 2 | 0 | 40.0 | NR | 5 | 0 | 3.4 | NR | 3.4 | NR | | | C-2071 | |
| NR | T | PROD | 0 | 0 | 91.3 | NR | 2 | 0 | 1.6 | NR | 0 | NR | | | C-2309 | |
| NR | T | PROD | 1 | 0 | 36.5 | NR | 3 | 0 | 1.0 | NR | 0 | NR | | | C-3124 | |

| OPERATOR LOCATION | PROJECT NO | PROJECT NAME | TYP PRJ | OIL PRODUCING ZONE | | | |
|---------------------------------------|---------------|-----------------------|------------|--------------------|-------|-----|------|
| | | | | NAME | DEPTH | THK | GRAV |
| GREENWOOD COUNTY | | | | | | | |
| DEMALORIE-SOWDER FIELD | | | | | | | |
| R.R. ABCERHALDEN 12,13-22S10E | C-9297 | HARRIS UNIT | W | BARTL | 2150 | 25 | 40.0 |
| R.R. ABCERHALDEN 1,2,11,12-22S10E | C-3423 | DEMALORIE-SOWDER UNIT | W | BARTL | 2100 | 55 | 40.0 |
| SCHANKIE WELL SERV 13-22S10E | C-3103 | DERBYSHIRE | W | BARTL | 2130 | 30 | 40.0 |
| SCHANKIE WELL SERV 18-22S11E | CR-2796 | CLOPTON | P | BARTL | 2130 | 30 | 40.0 |
| DUNAWAY FIELD | | | | | | | |
| ALE OIL 3-23S13E | C-5619 | SAUDER-ESSLINGER | W | MISS | 1850 | 15 | 34.0 |
| BBL OIL PRODUCERS 27-22S13E | C-2252 | MILLER | W | BLRG | 1800 | 10 | 36.0 |
| HERBERT H. HART 27,34-22S13E | C-9459 | HESSLER & KOENIG | P | MISS | 1850 | 20 | 30.0 |
| LARRY MCORE RANCH 22-22S13E | C-10543 | R.W. YOUNG | W | BURG | 1800 | 12 | 37.0 |
| FANKHAUSER FIELD | | | | | | | |
| C.R. MCCLELLAND 23-22S12E | C-7362 | P. FANKHAUSER | D | BARTL | NR | NR | NR |
| GEORGE A. BARNARD 4-22S12E | C-2065 | FANKHAUSER | W | BARTL | 1950 | 50 | 39.0 |
| GEORGE A. BARNARD 10-22S12E | C-15037 | SWANSON | P | BARTL | 1800 | 15 | 39.0 |
| ROBERT SCHINDLER 10-22S12E | C-5200 | BOLES C | W | BARTL | 1829 | 32 | 39.0 |
| S & B CIL OPERATIONS 8,9,16-22S12E | CR-6806 | H. LUTHE | P | BARTL | 1850 | 15 | 38.0 |
| SCHANKIE WELL SERV 5-22S12E | C-5968 | KIPFER A&B | P | BARTL | 1895 | 25 | 37.0 |
| SCHANKIE WELL SERV 5-22S12E | C-11800 | AMES | P | BARTL | 1896 | 25 | 37.0 |
| GAFFNEY FIELD | | | | | | | |
| GEORGE E. SAUDER 7-24S11E | C-16051 | SMITH UNIT | P | SQUIR | 1850 | 12 | 39.0 |
| 12-24S10E | | | | | | | |
| GREENWOOD PET & RANC 6-24S11E | C-5079 | KIPFER | P | BARTL | 1900 | 20 | 40.0 |
| LEWIS LONG OIL | | | | | | | |
| 18-24S11E | CR-9801 | O. T. SMITH | W | CATTLE | 1850 | 6 | 39.0 |
| R.A. & M.L. WILSON 7-24S11E | C-3340 | GEO. GAFFNEY | P | BARTL | 1862 | 15 | 38.5 |
| SUE A. SCOLE 18-24S11E | C-17687 | LINDAMOOD | D | SQUIR | 1800 | 7 | 39.0 |
| HAMILTON FIELD | | | | | | | |
| GEORGE SHEEHAN 26,27-23S11E | C-4711 | ELLIS UNIT | P | BARTL | NR | NR | NR |
| LELAND DREYER 35-23S11E | C-3185 | H.D. BROS | | BARTL | NR | NR | NR |
| MADISON FIELD | | | | | | | |
| CHEEVER WELL SERV 1,12-22S11E | C-10368 | KIPFER UNIT | W | BARTL | NR | NR | NR |

| INJECTION DATA | | | | | | | PRODUCTION DATA | | | | | | | PROJECT |
|----------------|------|-------------|-------|-----|--------------|------|-----------------|-------------|-------------|------|--------|------------|--|---------|
| FIRST YR | TYPE | SOURCE | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC | PROD NOTES | NO | |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | MB OR(MMCF) | | | | | |
| | | | | | 1982 CUM | | | 1982 CUM | 1982 CUM | | | | | |
| | | | | | (98) | | | (98) | (98) | | | | | |
| 1962 | T | PROD | 3 | 0 | 20.0 | 9811 | 5 | 0 | 1.1 | 472 | 1.1 | NR | C-9297 | |
| 1949 | T | PROD & DOUG | 6 | 0 | 220 | NR | 22 | 2 | 8.0 | 3348 | 8.0 | NR | C-3423 | |
| NR | T | PROD | 2 | 0 | 90.0 | NR | 3 | 0 | 4.0 | NR | NR | NR | C-3123 C-2072 C-3103 | |
| 1979 | T | PROC | 2 | 0 | 252 | NR | 5 | 2 | 7.6 | NR | NR | NR | CR-2796 | |
| | | | | | | | | | | | | | | |
| 1957 | T | PROD & DOUG | 5 | 0 | 23.7 | 1180 | 18 | 0 | 10.8 | 167 | 3.2 | 3.2 | C-5619 | |
| NR | T | PROD | 1 | 0 | 25.0 | NR | 5 | 0 | 6.0 | NR | 0.5 | NR | C-2252 | |
| 1962 | U | PROD | 2 | 0 | 950 | 9394 | 23 | 1 | 21.4 | 502 | NR | NR | C-9459 | |
| 1963 | L | PROC | 1 | 0 | 63.9 | NR | 2 | 0 | 2.1 | NR | 2.1 | NR | C-10543 | |
| | | | | | | | | | | | | | | |
| NR | T | PROD | 2 | 0 | 80.3 | NR | 4 | 0 | 1.1 | NR | NR | NR | C-7362 | |
| 1949 | T | PROC | 2 | 1 | 27.4 | 155 | 5 | 0 | 3.4 | 507 | 3.4 | 507 | C-2065 C-883 | |
| 1969 | T | PROD & DOUG | 1 | 0 | 73.0 | 1156 | 2 | 0 | 1.6 | 69.7 | 1.6 | 69.7 | C-15037 C-2492 C-15638 C-5200 | |
| 1969 | U | PROD | 1 | 0 | 0.2 | NR | 1 | 0 | 0.1 | NR | 0.1 | NR | C-5200 | |
| 1980 | T | PROD | 1 | 0 | 14.6 | 23.6 | 4 | 1 | 2.6 | 6.7 | 0.6 | 0.6 | CR-6806 | |
| 1958 | T | PROD | 1 | 0 | 73.0 | NR | 3 | 0 | 1.0 | NR | NR | NR | C-5968 | |
| 1965 | U | PROD | 1 | 0 | 36.0 | NR | 1 | 0 | 0.1 | NR | NR | NR | C-11800 | |
| | | | | | | | | | | | | | | |
| 1971 | T | PROD & DOUG | 6 | 0 | 10.0 | 333 | 9 | 0 | 0.9 | 90.3 | 0.9 | 90.3 | C-16051 | |
| 1957 | T | PROC&DOUG | 3 | 0 | 124 | 4350 | 10 | 0 | 3.7 | 471 | NR | NR | C-5079 | |
| | | | | | | | | | | | | | | |
| 1966 | U | PROC | 1 | 0 | 131 | NR | 6 | 2 | 6.7 | NR | 0.1 | NR | CR-9801 | |
| NR | U | PROC | 1 | 0 | 164 | 1792 | 6 | 1 | 3.2 | NR | 3.2 | NR | C-3340 | |
| NR | U | PROC | 1 | 0 | 2.7 | 10.3 | 2 | 1 | 0.2 | 0.4 | 0.2 | 0.4 | C-17687 | |
| | | | | | | | | | | | | | | |
| NR | U | PROC | 13 | 0 | 158 | NR | 37 | 0 | 11.2 | NR | 11.2 | NR | C-4711 | |
| NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 C-3185 | |
| | | | | | | | | | | | | | | |
| NR | U | PROD | 1 | 0 | NR | NR | 2 | 0 | 1.0 | NR | 0 | NR | C-10368 C-10038 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- ----- ----- ----- |
|--|------------------------|-----------------------|----------------------|--|
| GREENWOOD COUNTY ===== | | | | |
| MADISON FIELD ----- | | | | |
| CITCO 11,12,14,15-22S11E 22,23-22S11E | C-2008 | FROMM MP PROJECT | C BARTL 1950 40 35.0 | |
| PETERSON FIELD ----- | | | | |
| DIANNE MCCARTHY OIL 18-27S11E | CR-7799 | PETERSON | P MISS 2085 50 28.0 | |
| FOLHAMUS FIELD ----- | | | | |
| SID OIL 9-25S 9E | C-5312 | DUNLAP | D BARTL 2000 10 39.0 | |
| QUINCY FIELD ----- | | | | |
| BIRD & FARLEY 34-24S13E 4,5,6,8,9-25S13E | C-12234 | QUINCY | W BARTL 1500 40 40.0 | |
| CRUDE OIL PROD 33-24S13E | CR-8511 | KING | W MISS 1616 25 38.0 | |
| GEORGE SAGE 36-24S12E | CR-1801 | STECKEL | W MISS 1750 5 39.0 | |
| REECE FIELD ----- | | | | |
| H.G. FORBES 13-26S 9E | C-18220 | LIFE | D MISS 2200 13 31.0 | |
| H.G. FORBES 12-26S 9E | CR-9777 | MUSTARD | MISS 2100 14 38.0 | |
| SALLYARDS FIELD ----- | | | | |
| BEARD, ENGLISH, MARTIN 25,36-25S8E 19,20,30,31-25S9E | C-3482 | BRYDEN-LADD | W BARTL 2470 50 40.0 | |
| HANK MARTELL 30-25S 9E | C-12717 | BATES | P BARTL 2400 30 37.0 | |
| JACKSON BROS 26,35-25S 8E | C-5052 | LADD C | D BARTL 2450 15 38.5 | |
| NADEL & GUSSMAN 23,25-25S 8E | C-14001 | JACKSON HEIRS | W BARTL 2400 15 39.0 | |
| R.R. ABERHALDEN 35-25S 8E | CW-6781 | BLANKENSHIP SALLYARDS | W BARTL 2425 39 37.0 | |
| 2,11-26S 8E TEICHGRAEBER OIL 25,26,35-25S 8E | | | | |
| TEICHGRAEBER OIL 17,18-25S 8E 17-25S 9E | C-18526 | KING-LADD | W BARTL 2450 14 38.0 | |
| | C-18193 | HENDRICKSON | P BARTL 2310 20 38.0 | |
| SCHINDLER FIELD ----- | | | | |
| C.R. MCCLELLAND 23-23S11E | C-11806 | SCHINDLER | ARB 1800 15 25.0 | |
| SCHWAB FIELD ----- | | | | |
| BERENTZ DRILLING 09-24S10E | CR28015 | SCHWAB | P VIOLA 2760 9 27.0 | |

| INJECTION DATA | | | | | | | | | | | | PRODUCTION DATA | | | | PROJECT | |
|----------------|-------------|-------------|-------|-----|--------------|---------|-----|-------------|-------|------|-------------|-----------------|------|----------|--------|---------|----|
| FIRST YR | TYP | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | ENHANC | PROD | NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | TOT | CUM | MB OR(MMCF) | | | | | | |
| | | | 1982 | --- | 1982 | 1982 | --- | 1982 | 1981 | --- | 1982 | 1981 | --- | | | | |
| 1980 | SURFACE | H2O | 16 | 0 | 192 | 192 | 25 | 3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | NR | C-2008 | | |
| | T | PROD | 1 | 0 | 110 | 1000 | 2 | 0 | 0.9 | NR | 0.9 | NR | NR | CR-7799 | | | |
| | U | PRCD | 1 | 0 | 11.0 | NR | 1 | 0 | 1.0 | NR | 0 | 0 | 0 | C-5312 | | | |
| | T | PROD | 13 | 0 | 392 | 11690 | 32 | 5 | 48.6 | 966 | 48.6 | 966 | 966 | C-12234 | | | |
| | U | PROD | 1 | 0 | 80.3 | 80.3 | 1 | 0 | 0.8 | 0.8 | 0.8 | 0.4 | 0.4 | CR-8511 | | C-2676 | |
| | U | PRCD | 1 | 0 | 32.9 | 65.7 | 9 | 1 | 12.0 | 52.0 | 0.5 | 1.0 | 1.0 | CR-1801 | | | |
| | NP | PROD | 2 | 0 | 72.0 | 700 | 6 | 1 | 3.9 | 40.0 | 1.0 | 7.5 | 7.5 | C-18220 | | | |
| | U | PROD | 2 | 0 | 72.0 | 600 | 12 | 3 | 7.0 | 30.0 | 2.0 | 10.0 | 10.0 | CR-9777 | | | |
| | PROD & DOUG | | 4 | 0 | 450 | NR | 16 | 0 | 12.8 | NR | 6.4 | NR | NR | C-3482 | | | |
| | T | PROD | 1 | 0 | 42.0 | NR | 1 | 0 | 0.7 | NR | NR | NR | NR | C-12717 | | | |
| | U | PROD | 1 | 0 | 0 | NR | 4 | 0 | 1.0 | NR | 0 | NR | 0 | C-5052 | | | |
| | T | PROD | 1 | 0 | 12.8 | 1098 | 2 | 0 | 0.3 | NR | 0.3 | NR | NR | C-14001 | | | |
| | T | PROD & DOUG | 6 | 0 | 375 | 29740 | 15 | 0 | 6.5 | 3193 | 6.5 | NR | NR | C-11096 | | | |
| | CRW-6781 | | | | | | | | | | | | | | | | |
| | T | PROD | 1 | 0 | 7.7 | 18.6 | 2 | 0 | 0.7 | 1.6 | 0.1 | 0.1 | 47 | C-18526 | | | |
| | U | PROD | 2 | 0 | 32.8 | 395 | 11 | 1 | 3.6 | 43.9 | 0.3 | 3.5 | 3.5 | CR-18193 | | | |
| NR | T | PROD | 1 | 0 | 292 | NR | 8 | 0 | 7.4 | NR | NR | NR | NR | C-11806 | | | |
| 1980 | T | PROD | 1 | 0 | 46.0 | 97.1 | 3 | 0 | 2.2 | 32.2 | 0 | NR | NR | CR28015 | | | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE | | | |
|--|------------------------|-----------------------|-------------------|--------------------|-------|-----|------|
| | | | | NAME | DEPTH | THK | GRAV |
| GREENWOOD COUNTY ===== | | | | | | | |
| SCOTT FIELD ----- | | | | | | | |
| CHARLES S. RITCHIE 24,25,26-23S8E 19,30-23S8E | C-1264 | SCOTT UNIT | W | BARTL | 2500 | 26 | 40.0 |
| SEELEY-WICK FIELD ----- | | | | | | | |
| C.R. MC CLELLAND 33-22S11E | CR10801 | CLOPTON | D | BARTL | 2000 | 30 | NR |
| C.R. MC CLELLAND 28-22S11E | C-10588 | CLARK | D | BARTL | 2000 | NR | 38.0 |
| C.R. MCCLELLAND 1-22S11E | C-12172 | GARDNER WINKLER | D | BARTL | 1900 | 16 | NR |
| DAMSON OIL 36-23S11E 1-24S11E 31-23S12E 6-24S12E | C-11091 | PATTERSON | P | BARTL | 1800 | 10 | 40.0 |
| DAMSON OIL 8-23S11E | C-1362 | CLOPTON | D | BARTL | 1750 | 15 | 43.0 |
| DIXIE THOMPSON SHIRL 7-22S12E | C-11369 | HUBER | W | BARTL | 1870 | 30 | 38.0 |
| DIXIE THOMPSON SHIRL 6-22S12E | C-7954 | PEDROJA | W | BARTL | 1870 | 30 | 39.0 |
| E.L. WILLIAMS 31-22S11E | C-17991 | GALBRAITH | W | BARTL | NR | NR | NR |
| EXCEL ENERGY 8-24S12E | C-16739 | A. LYKE | P | BARTL | 1740 | 25 | 40.0 |
| GEORGE A. BARNARD 4-23S11E | C-17648 | RICKABAUGH | D | BARTL | 1940 | 9 | 40.0 |
| GEORGE E. SAUDER 7,8-22S12E | C-11213 | HUBER-CURTIS | W | BARTL | 1720 | 20 | 38.0 |
| GEORGE E. SAUDER 8,9-24S12E | C-10954 | WILSON-LEWIS | W | BARTL | 1700 | 18 | 41.0 |
| GEORGE E. SAUDER 9,29,30-22S13E | C-3863 | LUHI UNIT | W | BARTL | 1700 | 20 | 37.0 |
| GEORGE SAGE 32-22S13E | C-14986 | WERNLI | W | BARTL | NR | NR | NR |
| GEORGE SAGE 7-24S12E | C-11538 | ULRICH | W | CATTLE | 1600 | 10 | 38.0 |
| GEORGE SAGE 7-24S12E | C-11539 | FRY | W | CATTLE | 1588 | 10 | 38.0 |
| GLACIER PETROLEUM 6-22S12E | C-17131 | JONES | P | BARTL | 1884 | 10 | 38.0 |
| HEMSTEAD OIL | CR2804 | HAAS | D | BARTL | 1680 | 20 | 39.0 |
| 26-22S12E | | | | | | | |
| HENSLEY OIL 6-22S12E | C-13360 | CLOIDE HENSLEY | P | BART | 1800 | 32 | 38.0 |
| H.G. FORBES 22-22S11E | C-3342 | FREEBURG | D | BARTL | 1900 | 10 | 37.5 |
| K.E. SNYDER 27-23S11E | C-11615 | SHAEFER FLCOOD PROJ | D | BARTL | 1920 | 22 | 41.0 |
| R & G OIL 25-22S12E | CR-8783 | OTT A | P | BARTL | 1665 | NR | 35.0 |
| R & G OIL 23-22S12E | C-16546 | LAMONT UNIT D | D | BARTL | 1670 | 50 | 40.0 |
| S & B OIL OPERATIONS 25-22S12E | CR-6805 | WERNLI | | BARTL | 1700 | 30 | 38.0 |
| SCHANKIE WELL SERV 28,29,32,33-23S11E | C-14908 | BEC UNIT | W | BARTL | 1950 | 12 | 38.0 |
| SCHANKIE WELL SERV 3-23S11E | CR-2793 | RICKABAUGH | W | CATT | 1840 | 20 | 39.0 |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ ----- | OIL PRODUCING ZONE | | | |
|---|------------------------|-----------------------|---------------------|--------------------|----------------|--------------|---------------|
| | | | | NAME ----- | DEPTH ----- | THK ----- | GRAV ----- |
| GREENWOOD COUNTY ===== | | | | | | | |
| SEELEY-WICK FIELD ----- | | | | | | | |
| TEICHGRAEBER OIL 6-23S11E | C-14151 | GREENWOOD | D | BARTL | 2086 | 12 | 38.9 |
| TEICHGRAEBER OIL 29,30-22S11E | C-8952 | HUMES | P | BARTL | 2100 | 15 | 35.0 |
| THE J'S OIL 5,6-23S11E | C-734 | SEELEY-WICK | P | BARTL | 1950 | 50 | 35.0 |
| THEODORA M. BARNARD 9-23S11E | C-12627 | SHAFFER-JONES | P | BARTL | 1930 | 18 | 40.0 |
| W.F. HARMON 31-23S12E | C-16338 | HARMON | KC | | 1853 | 4 | 35.0 |
| SEELEY-WICK FIELD ----- | | | | | | | |
| BEARD,ENGLISH,MARTIN 33-22S11E | CR-7801 | SCHMOLZ 1 | BART | | 1925 | 19 | |
| SEELY-WICK FIELD ----- | | | | | | | |
| SCHANKIE WELL SERV 32-22S11E | CR10818 | SCHANKIE | P | BARTL | 1934 | 40 | 35.0 |
| SEVERY FIELD ----- | | | | | | | |
| AMERICAN ENERGY 16,21-28S11E | C-9902 | WINGRAVE | D | KC | 1150 | 15 | 34.0 |
| SEVERY NORTH FIELD ----- | | | | | | | |
| HEDRICK BROS CIL 5-28S11E | CR47711 | GIBBON | KC | | 1220 | NR | 34.0 |
| STANHOPE FIELD ----- | | | | | | | |
| T G'S OIL ENTERPRISE 22-26S 8E | C-16709 | LOSE B & C | D | MISS | 2450 | 20 | 36.0 |
| SUTHERLAND FIELD ----- | | | | | | | |
| BERENTZ DRILLING 14-23S12E | CR12786 | SUTHERLAND | P | VICLA | 2180 | 6 | 27.0 |
| TEETER-SCOTT FIELD ----- | | | | | | | |
| BERENTZ DRILLING | C-10274 | J.W. TEETER UNIT | P | BARTL | 2425 | 30 | 39.0 |
| 21,22-23S 9E | | | | | | | |
| CHARLES S. RITCHIE 20,21-23S9E | C-2737 | MORRIS | W | BARTL | 2500 | 28 | 40.0 |
| GLACIER PETROLEUM 10,11,14,15,16-23S9E | C-3172 | GREEN UNIT | P | BARTL | 2400 | 60 | 40.0 |
| GLACIER PETROLEUM 3-23S 9E | C-14306 | NOLLER | P | BARTL | 2450 | 35 | 40.0 |
| GLACIER PETROLEUM 9,10-23S 9E | C-10430 | NOLLER A | P | BARTL | 2450 | 35 | 39.0 |
| GLACIER PETROLEUM 15,16-23S 9E | C-1748 | TETER | P | BARTL | 2400 | 60 | 40.0 |
| GLACIER PETROLEUM 2-23S 9E | C-14901 | HARTLEY B | P | BARTL | 2450 | 50 | 39.0 |
| K.E. SNYDER 1,2,11,12-23S 9E | C-11169 | GREEN B FLOOD PROJ | D | BARTL | 2410 | 45 | 39.0 |
| SNAP OIL 2,3,11-23S 9E | C-10170 | GREEN A UNIT | P | BARTL | 2333 | 37 | 39.0 |

| INJECTION DATA | | | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|------|-------------|-------|-----|--------------|---------|-----|--------------|-------|------|--------------|-----------------|----|--|--------|------------|----|--------------------------|--|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD NOTES | NC | | |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | CUM | | | | | | | |
| | | | | | 1982 | | | 1982 | | | 1982 | CUM | | | 1982 | | | | |
| | | | | | 1981 | | | 1981 | | | 1981 | | | | 1981 | | | | |
| NR | U | PROD | 1 | 0 | 9.9 | 135 | 3 | 0 | 1.1 | 15.0 | 0.1 | 0.8 | | | | | | C-14151 | |
| 1961 | T | PROD & DOWG | 1 | 0 | 102 | 118 | 3 | 0 | 4.2 | 4.9 | 0.4 | 0.5 | 50 | | | | | C-8952 | |
| NR | U | PROD | 2 | 0 | 164 | NR | 4 | 0 | 2.7 | NR | 2.7 | NR | | | | | | C-734 | |
| NR | T | PROD | 3 | 0 | 6.8 | NR | 3 | 0 | 1.7 | NR | NR | NR | | | | | | C-12627 | |
| 1970 | T | PROD | | | | | | | | | | | | | | | | C-16338 | |
| 1954 | | NR | 1 | 0 | 30.0 | 840 | 3 | 1 | 6.0 | NR | 6.0 | NR | | | | | | CR-7801 | |
| 1981 | T | PROD | 1 | 0 | 51.0 | NR | 1 | 1 | 2.6 | NR | NR | NR | | | | | | CR10818 | |
| NR | U | PRCD | 3 | 0 | 11.0 | NR | 2 | 0 | 0.3 | NR | 0.3 | NR | | | | | | C-5902 | |
| NR | U | PRCD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | | | | CR47711 | |
| NR | U | PROD | 1 | 0 | 73.0 | NR | 2 | 0 | 1.0 | NR | 0 | 0 | | | | | | C-16709 | |
| 1980 | T | NR | 1 | 0 | 32.2 | 66.7 | 6 | 0 | 9.1 | 176 | 0 | NR | | | | | | CR12786 | |
| 1963 | T | PROD | 1 | 0 | 29.2 | 310 | 2 | 0 | 2.0 | 285 | NR | NR | | | | | | C-10274 | |
| 1976 | M | PROD | 4 | 0 | 146 | NR | 12 | 0 | 8.4 | NR | 8.4 | NR | | | | | | C-3357, C-3293 C-2737 | |
| NR | U | PRCD | 1 | 0 | 178 | NR | 10 | 0 | 15.6 | NR | NR | NR | | | | | | C-3172 | |
| NR | U | PROD | 1 | 0 | 12.3 | NR | 2 | 0 | 2.0 | NR | 2.0 | NR | | | | | | C-14306 | |
| 1965 | U | PRCD | 1 | 0 | 85.4 | NR | 4 | 0 | 3.1 | NR | 3.1 | NR | | | | | | C-10430 | |
| NR | U | PROD | 1 | 0 | 176 | NR | 6 | 0 | 10.3 | NR | NR | NR | | | | | | C-1748 | |
| NR | U | PROD | 2 | 0 | 211 | NR | 6 | 0 | 5.6 | NR | 5.6 | NR | | | | | | C-14901 | |
| 1967 | U | PROD | 1 | 0 | 65.7 | 976 | 8 | 0 | 5.3 | 324 | 5.3 | 234 | | | | | | C-11169 | |
| 1963 | T | PRCD | 1 | 0 | 140 | 285 | 4 | 0 | 3.7 | 7.7 | 3.7 | 7.7 | | | | | | C-10170 | |

| OPERATOR ----- LOCATION ----- | PROJECT ----- NO ----- | PROJECT NAME ----- | TYP ----- PRJ ----- | OIL PRODUCING ZONE | | | | | | |
|---|---------------------------------|-----------------------|------------------------------|--------------------|-------|-----|------|--|--|--|
| | | | | NAME | DEPTH | THK | GRAV | | | |
| GREENWOOD COUNTY | | | | | | | | | | |
| TEICHGRABER FIELD | | | | | | | | | | |
| ENERGY RESOURCES O&G 18-25S 9E | C-12236 | SPENCER | D | BARTL | 2375 | 23 | 40.0 | | | |
| NADEL & GUSSMAN 12,13,14-25S 8E | C-11737 | WELSH-BIRKETT | W | BARTL | 2350 | 15 | 41.0 | | | |
| NADEL & GUSSMAN 18-25S 9E | C-13198 | SPENCER | W | BARTL | 2400 | 15 | 39.0 | | | |
| THRALL-AAGARD FIELD | | | | | | | | | | |
| B & V OIL 14-24S 9E | C-17510 | BRATTON | P | BARTL | 2110 | 91 | 38.0 | | | |
| B & V OIL 1-24S 9E | C-14453 | MARSHALL | D | NR | 2320 | NR | 36.0 | | | |
| F. D. GAINS OIL TR 12-24S5E | C-9162 | GREENWOOD | P | BARTL | NR | NR | NR | | | |
| GLACIER PETROLEUM 28-23S10E | C-15438 | GEORGE I. MILLER | W | BARTL | 2385 | 25 | 40.0 | | | |
| GLACIER PETROLEUM 28,29,32,33-23S10E | C-2226 | THRALL-MCKEE CONS | W | BARTL | 2300 | 31 | 40.0 | | | |
| J & T COOPER 13-24S 9E | C-8109 | BRATTON-MANSFIELD | W | BARTL | 2300 | 12 | 39.0 | | | |
| J & T COOPER 19-23S10E | C-14342 | ZIMMERMAN | W | BARTL | 2300 | 12 | 39.0 | | | |
| JOHN NORDMEYER & W S 11,12-24S5E | C-1035 | LEWIS UNIT | W | NR | NR | NR | NR | | | |
| LANCE SNYDER 26,27-24S 9E | C-16865 | EIDE-HILL | D | BARTL | 2100 | 40 | 38.0 | | | |
| LANCE SNYDER 24,25-24S 9E | C-13474 | BOONE-MOORE | P | BARTL | 2160 | 13 | 37.0 | | | |
| M.L. BROWN 36-23S 9E 6-24S 9E | C-2743 | CARTWRIGHT | W | BARTL | 2200 | 35 | 40.0 | | | |
| SNAP OIL 31-23S10E | C-1908 | MARTINDELL | D | BARTL | 2300 | 50 | 38.0 | | | |
| WILLIAM W. SOULE 11,12-24S 9E | C-1035 | ANDERSON-OLSON | W | BARTL | 2230 | 45 | 39.0 | | | |
| UTOPIA FIELD | | | | | | | | | | |
| TEICHGRAEBER OIL 9-25S11E | CR12772 | BABSON A | D | BARTL | 1700 | 15 | 38.0 | | | |
| VIRGIL FIELD | | | | | | | | | | |
| ALF M. LANDON 22-24S12E | C-14575 | TEXAS JOHNSON | | PERUMIS | 1700 | 25 | 40.0 | | | |
| ALF M. LANDON 16,21-24S12E | C-15350 | REBECCA JOHNSON | M | BARTL | 1650 | 20 | 39.0 | | | |
| ALF M. LANDON 15,22-24S12E | C-16864 | JOHNSON ESTATE | M | MISS | 1700 | 15 | 40.0 | | | |
| BRUNSON PRODUCTION 26-24S12E | C-18244 | LANE | W | BARTL | 1656 | 10 | 32.0 | | | |
| C. W. CIL PRODUCERS 23-24S12E | C-9922 | JOHNSON | W | MISS | 1700 | 15 | 38.0 | | | |
| FRENCH-WINTERSCHIED 15-22S13E | C-221 | SHADEL | P | MISS | 1800 | 6 | NR | | | |
| FRENCH-WINTERSCHIED 10-23S13E | C-3259 | L. YOUNG | P | MISS | 1800 | 6 | 36.0 | | | |
| FRENCH-WINTERSCHIED 10,11-24S12E | C-192 | HOOT-MEYERS | P | MISS | 1700 | 5 | 39.0 | | | |

| INJECTION DATA | | | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|------|-------------|-------|-----|------|---------|--------------|------|-------|------|------|-----------------|------|------|--------|------------|---------|---------|--|--|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD NOTES | NO | | | |
| | | | YR | WTR | TOT | NEW | MB OR (MMCF) | 1982 | CUM | 1982 | CUM | MB OR(MMCF) | 1982 | CUM | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | 1981 | | | | 1981 | | | 1981 | | | | | |
| 1965 | U | PROD & DOUG | 3 | 0 | 63.9 | | NR | 4 | 0 | 4.1 | 75.5 | 4.1 | 75.5 | | | | C-12236 | | | |
| 1967 | T | PRCD & DOUG | 8 | 0 | 619 | 7893 | 46 | 0 | 41.8 | | NR | 41.8 | | NR | | | C-11737 | | | |
| 1967 | T | PROD & DOUG | 1 | 0 | 43.2 | 1661 | 3 | 0 | 1.5 | | NR | 1.5 | | NR | | | C-13198 | | | |
| NR | U | PROD | | 1 | 0 | 29.2 | | NR | 1 | 0 | 1.8 | 138 | 1.1 | | NR | 51 | C-17510 | | | |
| NR | L | PROD | | 5 | 0 | NR | NR | 6 | 0 | NR | NR | NR | NR | NR | NR | 52 | C-14453 | | | |
| NR | L | PRCD | | | | NR | NR | | | NR | NR | NR | NR | NR | NR | 53 | C-9162 | | | |
| 1967 | T | PROD & DOUG | 1 | 0 | 176 | | NR | 6 | 0 | 12.0 | | NR | 12.0 | | NR | | C-15438 | | | |
| 1949 | T | PROD & DOUG | 1 | 0 | 29.5 | | NR | 3 | 0 | 5.9 | | NR | 5.9 | | NR | | C-2226 | | | |
| NR | T | PROD & DOUG | 6 | 0 | 231 | | NR | 12 | 0 | 4.5 | | NR | 0 | | NR | | C-8109 | | | |
| NR | T | DOUG | | 2 | 0 | 52.2 | | NR | 3 | 0 | 3.0 | | 3.0 | | NR | | C-14342 | | | |
| NR | | NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 4 | C-1035 | | | |
| NR | | PRCD | | 0 | 0 | 0 | NR | 2 | 0 | 0.7 | | NR | 0 | | NR | 2 | C-16865 | | | |
| 1967 | | PROD | | 1 | 0 | 6.5 | NR | 2 | 0 | 2.2 | | NR | 0.7 | | NR | | C-13474 | | | |
| 1952 | T | PRCD & DOUG | 7 | 0 | 675 | 32743 | 8 | 0 | 7.4 | 1332 | 7.4 | 1332 | | | | | C-2743 | | | |
| 1948 | L | PROD | | 1 | 0 | 35.0 | 71.0 | 2 | 0 | 1.1 | 2.3 | 1.1 | 2.3 | | | | C-1908 | | | |
| 1944 | U | PROD | | NR | NR | | | NR | NR | | | | | | | | C-1035 | | | |
| 1978 | T | PRCD | | 2 | 0 | 6.4 | 112 | 8 | 1 | 4.3 | 74.9 | 0.3 | 6.0 | 54 | | | CR12772 | | | |
| 1951 | T | PRCD | | 3 | 0 | 134 | | NR | 24 | 0 | 12.7 | | NR | NR | NR | | C-14575 | | | |
| 1966 | T | PROD | | 2 | 0 | 60.8 | | NR | 7 | 1 | 2.7 | | NR | NR | NR | | C-15350 | | | |
| 1973 | T | PROD | | 2 | 0 | 109 | | NR | 8 | 2 | 4.4 | | NR | NR | NR | | C-16864 | | | |
| 1970 | L | PRCD | | 1 | 0 | 27.8 | 676 | 2 | 0 | 1.2 | 40.6 | | NR | NR | | | C-18244 | | | |
| 1962 | U | PRCD | | 2 | 0 | 105 | | NR | 16 | 1 | 4.3 | | NR | 0.4 | NR | | C-9922 | | | |
| 1955 | T | PROD | | 1 | 0 | 900 | 12621 | 6 | 0 | 4.3 | | NR | 2.2 | 57.2 | | | C-221 | | | |
| 1955 | T | PRCD | | 1 | 0 | 30.0 | 737 | 4 | 0 | 1.7 | | NR | 0.9 | 28.1 | | | C-3259 | | | |
| 1964 | T | PROD | | 1 | 0 | 30.0 | 456 | 3 | 0 | 4.8 | | NR | 2.4 | 50.2 | | | C-192 | | | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- ----- ----- ----- | |
|---|------------------------|-----------------------|-------------------|--|--|
| GREENWOOD COUNTY ===== | | | | | |
| VIRGIL FIELD ----- | | | | | |
| FRENCH-WINTERSCHIED 12-24S12E | C-12482 | DAME | P | MISS 1700 6 38.0 | |
| FRENCH-WINTERSCHIED 22-23S13E | C-3915 | LOVETT-SHAMBAUGH | P | MISS 1700 6 36.0 | |
| GEORGE EAGER 18-24S13E | C-11523 | HARRIS | D | MISS 1600 NR 35.0 | |
| GEORGE SAGE 31-23S13E | CR-1802 | SAGE | W | MISS 1625 5 39.0 | |
| HOUSTON OKLAHOMA OIL 14-24S12E | C-9884 | SULLIVAN | | MISS 1780 15 38.5 | |
| HOUSTON OKLAHOMA OIL 14-24S12E | C-13251 | FLEMING | | MISS 1744 15 38.0 | |
| JOHN R. EVANS 9-23S13E | C-14231 | SCHNEIDER | | MISS NR NR NR | |
| JOHNSON CIL 16-24S12E | C-2664 | JOHNSON | | BARTL 1600 14 39.0 | |
| LEWIS LONG OIL 7-24S13E | C-12408 | BARNES & SHARP | P | MISS 1664 16 38.0 | |
| R.R. ABDERHALDEN 13,14-24S12E | C-7558 | WEST VIRGIL UNIT | W | MISS 1730 70 38.0 | |
| VIRGIL NORTH FIELD ----- | | | | | |
| ALE OIL 4-23S13E | C-15502 | GRUBER-IMTHURN | D | MIS&VIO 1850 15 26.0 | |
| GRIGGS OIL 21-23S13E | C-18152 | DEMLER WF | D | MISS 1726 26 39.0 | |
| GULF 10-23S13E | C-15851 | SCHNEIDER | W | MISS 1770 13 39.0 | |
| HOUSTON OKLAHOMA OIL 28-23S13E | C-8069 | BERRY | | MISS 1764 10 38.4 | |
| MILLER BRCS OIL 20-23S13E | CR-7814 | LINGENFELTER | D | MISS 1666 4 NR | |
| SUNSHINE ENERGY 15-23S13E | C-6126 | OLINGER A | P | MISS 1720 30 38.8 | |
| SUNSHINE ENERGY 29-23S13E | C-16111 | DEHLINGER B | W | MISS 1700 10 35.2 | |
| SUNSHINE ENERGY 22-23S13E | C-17595 | SHAMBAUGH | W | VICLA 2150 12 NR | |
| SUNSHINE ENERGY 21-23S13E | C-8090 | GRIBLIN A | W | MISS 1750 30 34.3 | |
| SUNSHINE ENERGY 21-23S13E | C-6135 | JONES A | W | MISS 1670 55 39.4 | |
| VIRGIL NORTHEAST FIELD ----- | | | | | |
| SUNSHINE ENERGY 15-23S13E | C-5838 | SHADEL | W | BARTL 1540 50 36.2 | |
| WIGGINS FIELD ----- | | | | | |
| EVENSON OIL OPER 17-24S11E | CR-8803 | EVENSON | | CATTLE NR NR NR | |
| GEORGE A. BARNARD 19-24S11E | C-17508 | LINDAMOOD | P | CATTLE 1800 25 38.0 | |
| GEORGE A. BARNARD 25-24S10E 30-24S11E | C-16617 | WIGGINS | P | CATTLE 1830 15 38.0 | |
| WILKINSON FIELD ----- | | | | | |
| E.W. SAUDER 6-25S SE | C-11069 | OLSEN | P | CATTLE 2100 20 37.0 | |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | PROJECT | |
|----------------|------|------------|-------|-----|--------------|-------|-------|--------------|----------|-----------------|-------------|------|-------|----|---------|--|
| FIRST YR | TYPE | SOURCE | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC PROD | | NOTES | NO | | |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | TOT | CUM | MB OR(MMCF) | | | | | |
| | | | | | 1982 1981 | | | 1982 1981 | | 1982 1981 | | | | | | |
| 1966 | T | PROD | 1 | 0 | 79.0 | 1106 | 8 | 0 | 4.3 | NR | 4.3 | 62.1 | | | C-12482 | |
| 1956 | T | PROD | 1 | 0 | 900 | 13500 | 7 | 0 | 5.0 | NR | 2.5 | 62.7 | | | C-3915 | |
| 1970 | U | PROD | 1 | 0 | 20.0 | 200 | 4 | 0 | 1.0 | 12.0 | 1.0 | 12.0 | | | C-11523 | |
| 1980 | U | PROD | 1 | 0 | 36.5 | 73.0 | 3 | 0 | 1.0 | 21.0 | 0 | NR | | | CR-1802 | |
| NR | L | PROD | 0 | 0 | NR | NR | 8 | 0 | NR | NR | NR | NR | 5 | | C-9884 | |
| NR | U | PROD | 0 | 0 | NR | NR | 6 | 0 | NR | NR | NR | NR | 5 | | C-13251 | |
| NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | C-14231 | |
| NR | U | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 | | C-2664 | |
| 1966 | U | PROD | 1 | 0 | 36.5 | NR | 3 | 0 | 1.0 | NR | .1 | NR | | | C-12408 | |
| 1958 | T | PROD & ARB | 10 | 0 | 160 | 7046 | 33 | 0 | 10.3 | 821 | 10.3 | NR | | | C-7558 | |
| | | | | | | | | | | | | | | | | |
| 1970 | T | PROD | 1 | 0 | 21.5 | 156 | 7 | 0 | 4.6 | 4.9 | 1.4 | 1.4 | | | C-15502 | |
| 1976 | U | PROD | 1 | 0 | 73.0 | NR | 5 | 0 | 3.7 | NR | NR | NR | | | C-18152 | |
| 1944 | U | PROD | 3 | 0 | 115 | 1456 | 7 | 0 | 5.8 | 1285 | 5.8 | 1285 | | | C-15851 | |
| 1959 | U | PROD | 0 | 0 | NR | NR | 16 | 1 | NR | NR | NR | NR | 5 | | C-1057 | |
| 1981 | U | PROD | 1 | 0 | 20.0 | NR | 2 | 1 | 0.8 | NR | 0 | NR | | | CR-7814 | |
| 1959 | U | PROD | 1 | 0 | 35.6 | NR | 3 | 4 | 2.0 | NR | 1.1 | NR | | | C-6126 | |
| 1971 | T | PROD | 3 | 0 | 189 | NR | 6 | 2 | 3.7 | NR | 2.1 | NR | | | C-16111 | |
| 1974 | L | PROD | 1 | 0 | 1234 | NR | 20 | 8 | 28.2 | NR | 10.0 | NR | | | C-17595 | |
| 1961 | U | PROD | 4 | 0 | 39.0 | NR | 9 | 1 | 4.9 | NR | 4.0 | NR | | | C-8090 | |
| 1958 | U | PROD | 2 | 2 | 235 | NR | 6 | 16 | 10.3 | NR | 8.2 | NR | | | C-6135 | |
| | | | | | | | | | | | | | | | | |
| 1938 | L | NR | 1 | 0 | 256 | NR | 11 | 7 | 4.7 | NR | 3.0 | NR | | | C-5838 | |
| | | | | | | | | | | | | | | | | |
| 1980 | U | PROD | 1 | 0 | 36.5 | 63.5 | 5 | 0 | 3.4 | 6.0 | NR | NR | | | CR-8803 | |
| 1974 | T | PROD | 1 | 0 | 75.0 | 590 | 2 | 0 | 1.7 | 6.4 | 1.7 | 6.4 | | | C-17508 | |
| 1966 | T | PROD | 2 | 0 | 183 | 1740 | 5 | 0 | 3.9 | 57.7 | 3.9 | 57.7 | | | C-16617 | |
| | | | | | | | | | | | | | | | | |
| 1964 | T | PROD | 1 | 0 | 7.0 | 733 | 2 | 0 | 1.4 | 125 | 0.9 | 38.4 | | | C-11069 | |

| OPERATOR | PROJECT NO | PROJECT NAME | TYP | OIL PRODUCING ZONE | | | |
|--|------------|-------------------------|-----|--------------------|-------|-----|------|
| LOCATION | | | PRJ | NAME | DEPTH | THK | GRAV |
| ----- | | | | | | | |
| GREENWOOD COUNTY ===== | | | | | | | |
| WILKINSON FIELD ===== | | | | | | | |
| GEORGE E. SAUDER 6,7-25S 9E | C-11036 | WILKINSON-CARRINGTON | D | CATTLE | 2100 | 30 | 38.0 |
| WILLARD FIELD ===== | | | | | | | |
| DIANNE MCCARTHY OIL 12-27S10E | CR-4777 | CROSS | P | MISS | 1910 | 30 | 28.0 |
| WGLEY & BLAIN 7-27S11E | CR11782 | PETERSON-GRUNCY | P | MISS | 1900 | 2 | 27.0 |
| WILLOW CREEK FIELD ===== | | | | | | | |
| C.R. MCCLELLAND 31-22S11E | C-15095 | FELTNER | D | BARTL | 2000 | 30 | 36.0 |
| GEORGE E. SAUDER 6-23S11E | C-13840 | WARREN | D | BARTL | 2050 | 20 | 38.0 |
| WINTERSCHIED FIELD ===== | | | | | | | |
| HOUSTON OKLAHOMA OIL 11-24S12E | C-7811 | MENNONTIE | | MISS | 1743 | 15 | 37.6 |
| NADEL & GUSSMAN 22-24S13E | CR78010 | DALTON | W | MISSLM | 1626 | 0 | 37.5 |
| GREENWOOD-WOODSON COUNTIES ===== | | | | | | | |
| QUINCY FIELD ===== | | | | | | | |
| ASHLOCK & BULLOCK OI 9,10,14,15-25S13E | C-2449 | QUINCY #1FLD | D | BARTL | 1400 | 25 | 40.0 |
| HARPER COUNTY ===== | | | | | | | |
| RUNNEMEDE FIELD ===== | | | | | | | |
| TEXACO 23,24,25,26-31S 6W | C-17631 | RUNNEMEDE UNIT | P | LANS | 3613 | NR | NR |
| SPIVEY-GRABS FIELD ===== | | | | | | | |
| MOBIL 8-31S 8W | C-5673 | INEZ M. DICKSON #2 SWDS | W | MISS | NR | NR | NR |
| HARVEY COUNTY ===== | | | | | | | |
| BURRTON FIELD ===== | | | | | | | |
| HOME STAKE PROD 17,18-23S 3W | C-10087 | BURRTON WF | W | MISS | 3400 | 35 | 36.0 |
| KAISET-FRANCIS 6,7,8,18-23S 3W | C-13454 | BOTT UNIT | W | MISS | 3350 | 20 | 38.0 |
| HALSTEAD FIELD ===== | | | | | | | |
| OIL PROPERTY MGT 11-23S 2W | C-17963 | HAURY-COHEN | P | MISS | 2950 | 30 | 35.0 |

| INJECTION DATA | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|-----|-------------|-------|-----|-------------------------|-----------------|-----|-------------------------|------|-----------------------|------------|---------|------------|--|
| FIRST YR | TYP | SOURCE | WELLS | | VOL INJ MB OR (MMCF) | WELLS | | PROD VOL MB OR(MMCF) | | ENHANC MB OR(MMCF) | PROD NOTES | NO | | |
| | | | TOT | NEW | | TOT | NEW | 1982 | CUM | | | | | |
| | | | --- | --- | | --- | --- | --- | --- | | | | | |
| 1964 | L | PRCD & DOUG | 3 | 0 | 14.6 | 370 | 4 | 0 | 1.3 | 37.3 | 1.3 | 37.3 | C-11036 | |
| 1977 | T | PROD | 1 | 0 | 3.7 | 4.9 | 2 | 2 | 0.8 | NR | 0.8 | NR | CR-4777 | |
| 1978 | U | PROD | 1 | 0 | 190 | 563 | 4 | 1 | 3.1 | 15.2 | 3.1 | 15.2 | 55 CR11782 | |
| NR | T | PROD | 1 | 0 | 14.6 | 357 | 1 | 0 | 2.8 | 41.6 | NR | NR | C-15095 | |
| 1968 | T | PRCD | 1 | 0 | 10.9 | 108 | 10 | 0 | 2.3 | 200 | 1.2 | 19.8 | C-13840 | |
| NR | U | PROD | 0 | 0 | NR | NR | 3 | 0 | NR | NR | NR | NR | 5 C-7811 | |
| 1980 | T | PROD | 1 | 0 | 14.6 | 19.4 | 1 | 0 | 0.5 | NR | 0.5 | NR | CR78010 | |
| NR | | PRCE | | | | | | | | | | | C-2449 | |
| 1974 | M | PROD & STAL | 4 | 0 | 643 | 2567 | 7 | 0 | 16.5 | 118 | 8.0 | 46.8 | C-17631 | |
| NR | T | PROD | 0 | 0 | 0 | NR | 1 | 0 | 3.2 | 124 | NR | NR | 2 C-5673 | |
| 1963 | M | PROD & GAS | 23 | 0 | 2941 124848 | 26 | 0 | 44.3 | 2387 | 44.3 | 2387 | | C-10087 | |
| 1967 | U | PRCD | 1 | 0 | 73.0 | 9869 | 48 | 0 | 52.1 | 2947 | 0 | NR | C-13454 | |
| 1975 | U | PROD | 1 | 0 | 153 | 943 | 6 | 0 | 4.8 | 37.4 | 1.2 | 3.5 | C-17963 | |

| OPERATOR ----- LOCATION ----- | PROJECT ----- NO ----- | PROJECT NAME ----- | TYP ----- PRJ --- | OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV ----- | |
|--|---------------------------------|-----------------------|----------------------------|---|--|
| HARVEY COUNTY ===== | | | | | |
| HALSTEAD FIELD ===== | | | | | |
| THUNDERBIRD OIL 35,36-22S 2W | CR10784 | MAY UNIT | D | KC&MISS 2968 15 33.5 | |
| HOLLOW-NIKKEL FIELD ===== | | | | | |
| GULF 5,8-22S 3W | C-11876 | HOLLOW-NIKKEL | W | MIS&HUN 3500 32 42.0 | |
| KANTOR OIL 30-22S 3W | C-431 | KATIE SCHMIDT | W | KC&SIMP 3500 30 33.0 | |
| HARVEY-MC PHERSON COUNTIES ===== | | | | | |
| HARMAC FIELD ===== | | | | | |
| BRUNSON PRODUCTION 35,36-21S3W 1,2-22S3W | C-6889 | HARMAC UNIT | P | HUNTON 3550 8 40.0 | |
| HOLLOW-NIKKEL FIELD ===== | | | | | |
| BRUNSON PRODUCTION 32,33-21S 3W 4-22S 3W | C-10729 | HOLLOW-NIKKEL WF | W | HUNTON 3500 20 40.0 | |
| HASKELL COUNTY ===== | | | | | |
| EUBANK FIELD ===== | | | | | |
| HELMERICK & PAYNE 28-28S34W | C-17988 | EUBANK | P | CHES 5494 20 28.0 | |
| HODGEMAN COUNTY ===== | | | | | |
| BLDA SOUTHEAST FIELD ===== | | | | | |
| AM PETROFINA TEXAS 1,2-21S26W | C-14869 | CHENEY | W | MISS NR NR 37.5 | |
| EAKIN NORTHWEST FIELD ===== | | | | | |
| MACK OIL 22-21S21W | CR11801 | SIEVERLING | P | MISS 4366 NR NR | |
| PHILLIPS PETROLEUM 15-21S21W | C-11855 | HULING AB | P | MISS 4325 15 35.0 | |
| GOEBEL EAST FIELD ===== | | | | | |
| PICKRELL DRILLING 13,24-21S24W | C-16699 | GOEBEL EAST UNIT | P | MISS 4460 10 36.0 | |
| HALLET FIELD ===== | | | | | |
| GULF 15,22-22S25W | C-7630 | HALLET WF | P | MISS 4597 64 38.0 | |

| INJECTION DATA | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|-----|-------------|-------|---------|--------------|-----------------|----------|-------------|----------|--------------|------|---------|------------------|
| FIRST YR | TYP | SOURCE | WELLS | VOL INJ | | WELLS | PROD VOL | ENHANC | PROD | NOTES | NO | | |
| YR | WTR | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | CR(MMCF) | MB OR (MMCF) | | | |
| | | | | | 1982 CUM | | | 1982 CUM | 1982 CUM | | | | |
| | | | | | (1981) | | | (1981) | (1981) | | | | |
| 1979 | L | PROD | 1 | 0 | 62.5 | NR | 3 | 0 | 2.6 | NR | 0.5 | NR | CR10784 |
| 1964 | M | PROD & EQU | 4 | 0 | 1059 | 23515 | 11 | 0 | 21.1 | 924 | 21.1 | 924 | C-11876 |
| 1940 | U | PROD | 1 | 0 | 14.6 | NR | 0 | 0 | 0 | NR | 0 | NR | C-11005 C-431 |
| 1959 | U | PROD | 0 | 0 | 0 | 6201 | 4 | 0 | 7.1 | 627 | NR | NR | 56 C-6889 |
| 1963 | F | EQU | 0 | 0 | NR | 16012 | 8 | 0 | 14.9 | 1017 | NR | NR | 57 C-10729 |
| 1975 | U | PROD | 1 | 0 | 66.0 | 372 | 2 | 0 | 9.8 | 633 | 0 | 0 | C-17988 |
| 1969 | U | PROD | 1 | 0 | 11.3 | 131 | 1 | 0 | 3.2 | 76.5 | 1.3 | 19.3 | C-14869 |
| NR | L | PROD | 1 | 1 | 22.7 | 22.7 | 3 | 0 | 6.7 | 119 | 0 | 0 | CR11801 |
| 1965 | T | PROD & CEDR | 1 | 0 | 93.5 | 2340 | 2 | 0 | 9.2 | 455 | 6.0 | 144 | C-11855 |
| 1972 | U | PROD | 1 | 0 | 4.6 | 385 | 5 | 0 | 8.8 | 522 | 0 | 0 | 5 C-16699 |
| 1960 | F | FR | 4 | 0 | 601 | 13453 | 12 | 0 | 38.0 | 2200 | 38.0 | 2200 | C-7630 |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- | | |
|--|------------------------|-------------------------|-------------------|--|----|----|
| HODGE MAN COUNTY | | | | | | |
| HANSTON-OFFY FIELD | | | | | | |
| KAISER-FRANCIS 22-22S22W | C-16343 | SIPES | D | TOP 3572 NR 34.0 | | |
| PETROLEUM INC 3-23S22W | C-14233 | HOUSEMAN PF PROJ | P | MISS 4427 NR 30.7 | | |
| SUN OIL 20-22S22W | C-13232 | SO BAMBERGER REPRESS | P | MISS 4258 22 36.0 | | |
| HUMMEL SOUTHEAST FIELD | | | | | | |
| PETROLEUM INC 8-22S24W | C-16441 | WORK PILOT FLD PROJ | P | MISS 4575 9 36.5 | | |
| KRANKENBERG FIELD | | | | | | |
| MCNAUL C. SLAWSON 9-24S23W | C-17767 | KRANKENBERG B | W | MISS 4730 8 36.0 | | |
| LIPPOLETT FIELD | | | | | | |
| TEXACO 13,14,15,24-23S23W | C-17586 | E.F. LIPPOLETT | P | MISS 4556 71 35.8 | | |
| OPPY SOUTH FIELD | | | | | | |
| PHILLIPS PETROLEUM 1-23S23W | C-12365 | CLIFTON BB | P | MISS 4430 90 36.0 | | |
| SAW LOG CREEK FIELD | | | | | | |
| PICKRELL DRILLING 31,32-23S21W | C-16908 | GLEASON B | W | MARM 4377 20 24.0 | | |
| JACKSON COUNTY | | | | | | |
| LEACH FIELD | | | | | | |
| BARNES & HOMAN OIL 15-07S13E | C-12576 | LEACH | HUNTON | NR | NR | NR |
| JOHNSON COUNTY | | | | | | |
| GARDNER FIELD | | | | | | |
| ALAN RADER 14,15,23-14S22E | C-18461 | GARDNER FLOOD | D | BARTL 825 10 22.0 | | |
| ALAN RADER 10,11,14-14S22E | C-18460 | KNABE A, ANDREWS, ROBER | W | BAR&SQU 860 10 28.0 | | |
| JACK W. SANDERS 22-14S22E | CR-5786 | LEEKER | W | BARTL 830 7 23.0 | | |
| MC-KAN OIL 15-14S22E | C-18466 | M, K, B & G | P | BARTL 825 10 22.0 | | |
| STILLWELL FIELD | | | | | | |
| REESE EXPLORATION 18-15S22E | CR 58116 | SCHWARTZ | D | SQUIR 648 6 NR | | |

| INJECTION DATA | | | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|------|-------------|-------|-----|-----|---------|--------------|------|-------|--------------|------|-----------------|------|------|--------|------|----------|---------|--|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD | NOTES | NO | |
| | | | YR | MTR | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | CUM | 1982 | 1981 | 1982 | CUM | 1982 | CUM | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| 1962 | U | PROD | | | 1 | 0 | 180 | 2064 | 2 | 0 | 2.5 | 399 | 0 | NR | | | C-16343 | | |
| 1968 | T | PROD | | | 1 | 0 | 95.6 | 1509 | 1 | 0 | 8.5 | 257 | 0 | 0 | | | C-14233 | | |
| 1966 | U | PROD | | | 1 | 0 | 465 | 7180 | 3 | 0 | 8.3 | 797 | NR | NR | | | C-13232 | | |
| 1972 | T | PROD | | | 1 | 0 | 127 | 993 | 4 | 0 | 10.5 | 372 | 0 | 0 | | | C-16441 | | |
| 1975 | U | PRCD | | | 1 | 0 | 87.5 | 391 | 2 | 0 | 7.5 | 129 | 2.7 | 14.1 | | | C-17767 | | |
| 1974 | U | PRCD | | | 1 | 0 | 315 | 3008 | 10 | 0 | 25.6 | 250 | 0 | 0 | | | C-17586 | | |
| 1966 | M | PRCD & SHSD | | | 1 | 0 | 167 | 3339 | 2 | 0 | 3.3 | 210 | 2.9 | 70.8 | | | C-12365 | | |
| 1973 | U | PROD | | | 1 | 0 | 110 | 480 | 3 | 0 | 2.2 | 166 | 0 | 0 | | | C-16908 | | |
| NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | C-12576 | | |
| 1964 | U | PROD | | | 4 | 1 | 23.8 | 429 | 17 | 2 | 4.4 | 83.1 | 1.4 | 19.1 | 58 | | C-18461 | | |
| 1973 | M | STANTON | | | 2 | 1 | 14.3 | 27.1 | 14 | NR | 1.9 | 38.2 | 0.5 | 0.5 | 59 | | C-18460 | | |
| 1978 | U | PROD | | | 3 | 1 | 14.6 | NR | 7 | 2 | 4.2 | NR | 2.0 | NR | | | CR-5786 | | |
| 1963 | U | PROD | | | 3 | 0 | 22.3 | 422 | 13 | 1 | 7.0 | 132 | 1.3 | 38.6 | | | C-18465 | | |
| 1981 | U | PROD | | | 0 | 0 | NR | NR | 0 | 5 | NR | NR | NR | NR | 4 | | CR-58116 | | |

| OPERATOR | PROJECT | PROJECT NAME | TYP | OIL PRODUCING ZONE | | | |
|---|---------|---------------------|-----|--------------------|-------|-----|------|
| LOCATION | NO | | PRJ | NAME | DEPTH | THK | GRAV |
| KEARNY COUNTY | | | | | | | |
| PLEASANT PRAIRIE FIELD | | | | | | | |
| HELMERICH & PAYNE 13,14-26S35W | C-16958 | PLEASANT PRAIRIE | P | MOR&MIS | 4966 | 24 | 35.2 |
| KINGMAN COUNTY | | | | | | | |
| ALAMEDA FIELD | | | | | | | |
| TEXACO 22,26,27,28-28S 7W 33,34-28S 7W | CR-6811 | ALAMEDA | | MISS | 4345 | 10 | 45.0 |
| BELMONT CENTER FIELD | | | | | | | |
| TEXACO 23,27-29S 8W | C-18070 | G.P. WALLACE | P | MISS | 4200 | 25 | NR |
| BROADWAY WEST FIELD | | | | | | | |
| LARIC OIL & GAS 18-28S 5W | C-16295 | CLOUSE | P | MISS | 3850 | 50 | NR |
| STELBAR OIL 19-28S 5W | CR-2806 | WYER | D | MISS | 3887 | 15 | 35.0 |
| CASLEY FIELD | | | | | | | |
| MARTIN OIL 11-28S 5W | C-5422 | CASLEY | D | MISS | 3770 | 32 | 28.3 |
| CUNNINGHAM FIELD | | | | | | | |
| GETTY OIL 19,30-27S10W | C-8651 | CUNNINGHAM FIELD | W | LKC | 3400 | 8 | 34.0 |
| CRSEMUS FIELD | | | | | | | |
| TEXACO 30-29S 5W | C-12870 | J. GRABER | P | SIMP | 4472 | NR | 36.8 |
| SPIVEY-GRABS-BASIL FIELD | | | | | | | |
| PICKRELL DRILLING 30-25S 6W | C-16625 | MAPLE G | P | MISS | 4116 | 36 | 33.0 |
| SUN GAS 9-30S 8W | C-5576 | HIGGINS | D | MISS | 4185 | 45 | NR |
| TENNECO 15-30S 7W | C-15840 | KINERT-GILCHRIST UT | W | LKC | 3705 | 5 | 36.7 |
| PETROLEUM INC 9-30S 8W | CR78112 | EVANS ABC | D | MISS | 4212 | 25 | NR |
| KINGMAN-PRATT COUNTIES | | | | | | | |
| CUNNINGHAM FIELD | | | | | | | |
| GETTY OIL 24,25,36-27S11W 19,20,31-27S10W | C-6106 | CUNNINGHAM B UNIT | W | LKC | 3400 | 16 | 36.0 |

| INJECTION DATA | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|-----|-------------|-------|-----|--------------|-----------------|------|-------------|-------------|------|-------|---------|---|-----------------------------|
| FIRST YR | TYP | SOURCE | WELLS | | VOL INJ | WELLS | | PROD VOL | ENHANC | PROD | NOTES | NO | | |
| YR | WTR | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR(MMCF) | ME OR(MMCF) | | | | | |
| | | | 1982 | CUM | | 1982 | CUM | 1982 | CUM | | | | | |
| | | | 1981 | | | 1981 | | 1981 | | | | | | |
| 1973 | U | PROD | 0 | 0 | 0 | 57.9 | 4 | 0 | 15.7 | 285 | 0 | 0 | 2 | C-16958 |
| 1970 | U | PROD | 9 | 0 | 1160 | 11905 | 16 | 0 | 95.8 | 6682 | 38.6 | 601 | | CR-6811 C-13079, C-14912 |
| NR | U | PROD | 1 | 0 | 666 | 3037 | (10) | 0 | 29.8 | 283 | 0 | 0 | | C-18070 |
| 1971 | U | PROD | 1 | 0 | 6.9 | 26.1 | 1 | 0 | 0 | NR | 0 | 0 | | C-16295 |
| 1980 | U | PROD | 1 | 0 | 45.6 | 72.1 | 1 | 1 | 1.4 | 60.5 | 0.1 | 0.2 | | CR-2806 |
| 1956 | U | PROD | 1 | 0 | 32.0 | 32.0 | 2 | 0 | 2.6 | NR | 0 | NR | | C-5422 |
| 1961 | M | PROD | 4 | 0 | 566 | 9475 | 6 | 0 | 20.3 | 1959 | 20.3 | 647 | | C-8651 C-7702 |
| 1966 | U | PROD | 1 | 0 | 114 | 3555 | 1 | 0 | 0.7 | 43.4 | 0 | 0 | | C-12870 |
| 1972 | U | PROD | 1 | 0 | 5.5 | 43.1 | 1 | 0 | 2.1 | 76.2 | 0 | 0 | | C-16625 |
| 1975 | | PROD | 1 | 0 | 24.4 | 73.0 | 2 | 0 | 0 | 992 | 0 | 6.8 | | C-5576 |
| 1970 | T | PROD | 0 | 0 | 0 | NR | 2 | 0 | 0.3 | NR | 0 | NR | 2 | C-15840 |
| 1982 | U | PROD | 0 | 0 | 0 | 0 | 7 | 0 | 3.0 | 897 | 0 | 0 | 4 | CR78112 |
| 1958 | M | PROD & SHSD | 6 | 0 | 965 | 27725 | 12 | 0 | 16.9 | 3892 | 16.9 | 837 | | C-6106 |

| OPERATOR | PROJECT | PROJECT NAME | TYP | OIL PRODUCING ZONE | | | |
|----------|---------|--------------|-----|--------------------|-------|-----|------|
| LOCATION | NO | | PRJ | NAME | DEPTH | THK | GRAV |

KINGMAN-SEDGWICK COUNTIES
=====

BARTHolemew FIELD
=====

| | | | | | | | |
|--|--------|-------------|---|------|------|----|------|
| M.L. BROWN 29,30,31-27S 4W 6-28S 4W 36-27S 5W 1-28S 5W | C-5288 | BARTHolemew | W | MISS | 3700 | 11 | 36.0 |
|--|--------|-------------|---|------|------|----|------|

KIOWA COUNTY
=====

FRUIT FIELD
=====

| | | | | | | | |
|------------------------------------|---------|------------|---|--------|------|----|------|
| MARK J. RICHARDSON 27,32-27S16W | C-14550 | ISHAM UNIT | P | KINDER | 4630 | 20 | 35.0 |
|------------------------------------|---------|------------|---|--------|------|----|------|

NICHOLS FIELD
=====

| | | | | | | |
|---|---------|--------------|------|------|----|------|
| MISCO INDUSTRIES 20,21,22,27,28-29S18W 5,6-30S18W 31,32,33,34-29S18W | C-14366 | NICHOLS UNIT | MISS | 4904 | 50 | 35.8 |
|---|---------|--------------|------|------|----|------|

*SEE ALSO CLARK-KIOWA

LABETTE COUNTY
=====

COFFEYVILLE-CHERRY FIELD
=====

| | | | | | | | |
|---------------------------------|---------|------------|---|-------|-----|----|------|
| DAVIS CIL 2-33S17E | C-14677 | COLEMAN | P | BARTL | 750 | 30 | 30.0 |
| DIAMOND CIL PROD 7-33S18E | CR28016 | MATTOX | D | BARTL | 623 | NR | NR |
| DOODSON FRCDUCTION 23-32S17E | C-7845 | UTTER ETAL | W | BARTL | NR | NR | NR |
| DOODSON FRCDUCTION 25-32S17E | C-9483 | PERRY | W | BARTL | NR | NR | NR |
| DOODSON FRCDUCTION | CR-7818 | WAGNER | D | BARTL | 695 | 7 | NR |

| | | | | | | | |
|-------------------------------------|---------|--------|---|-------|----|----|----|
| 2-32S17E WRIGHT OIL 24-32S17E | C-16032 | FOSTER | W | BARTL | NR | NR | NR |
|-------------------------------------|---------|--------|---|-------|----|----|----|

COUNTRY CLUB FIELD
=====

| | | | | | | | |
|----------------------|---------|-----------|---|-------|-----|----|------|
| J B OIL 35-32S17E | C-11991 | SPRADLING | P | BARTL | 700 | 20 | 34.0 |
|----------------------|---------|-----------|---|-------|-----|----|------|

LAKE CREEK EAST FIELD
=====

| | | | | | | | |
|------------------------------|---------|--------|---|-----|-----|----|--|
| OSWEGO OIL & GAS 6-35S2CE | CR-4812 | FILSON | W | ARB | 972 | 39 | |
|------------------------------|---------|--------|---|-----|-----|----|--|

MOUND VALLEY FIELD
=====

| | | | | | | | |
|----------------------|--------|---------|---|-------|-----|----|------|
| VCT OIL 33-32S18E | C-6323 | MERRICK | W | BARTL | 579 | 23 | 31.7 |
|----------------------|--------|---------|---|-------|-----|----|------|

LABETTE-MONTGOMERY COUNTIES
=====

COFFEYVILLE-CHERRY FIELD
=====

| | | | | | | | |
|-------------------------------|---------|---------|---|-------|-----|----|------|
| WAYNE GREGORY 34,35-32S17E | C-14745 | GREGORY | D | BARTL | 670 | 15 | 31.0 |
|-------------------------------|---------|---------|---|-------|-----|----|------|

| INJECTION DATA | | | | | PRODUCTION DATA | | | | | PROJECT | | | |
|----------------|------|-----------|---------|--------------|-----------------|-------------|-------------|------|-------|---------|------|------|------------|
| FIRST YR | TYPE | SOURCE | WELLS | VOL INJ | WELLS | PROD VOL | ENHANC | PROD | NOTES | NO | | | |
| YR | WTR | | TOT NEW | MB OR (MMCF) | TOT NEW | MB CR(MMCF) | MB OR(MMCF) | | | | | | |
| | | | | 1982 CUM | | 1982 CUM | 1982 CUM | | | | | | |
| | | | | (981) | | (981) | (981) | | | | | | |
| 1957 | U | PROD | 0 | 0 | 0 | 9369 | 9 | 0 | 7.0 | 3396 | 0 | 269 | 2 C-5288 |
| 1968 | U | PROD | 1 | 0 | 70.0 | 900 | 4 | 0 | 7.2 | 137 | 0 | 0 | C-14550 |
| NR | NR | NR | 0 | 0 | 0 | NR | 6 | 0 | 8.7 | NR | 0 | NR | 2 C-14366 |
| 1960 | T | PRCD | 2 | 0 | 7.0 | 68.0 | 1 | 0 | 0.2 | 3.9 | 0.2 | 3.9 | C-14677 |
| NR | NR | NR | 1 | 0 | 0 | NR | 15 | 0 | 5.2 | NR | 0 | NR | CR28016 |
| NR | U | PROD | 1 | 0 | 2.5 | 15.0 | 4 | 0 | 0.6 | 4.0 | 0.1 | 0.5 | C-7845 |
| NR | U | PROC | 4 | 0 | 29.0 | 205 | 12 | 0 | 3.3 | 25.0 | 1.8 | 18.0 | C-9483 |
| 1981 | U | PRCD | 1 | 0 | 0.2 | 0.2 | 8 | 2 | 3.3 | 3.3 | 0 | NR | CR-7818 |
| NR | U | PROD | 1 | 0 | 1.7 | 11.0 | 3 | 0 | 0.3 | 9.0 | 0 | NR | 60 C-16032 |
| 1961 | U | PRCD | 2 | 0 | 25.6 | NR | 18 | 2 | 4.6 | NR | 0 | NR | C-11991 |
| 1981 | U | PROC | 1 | 0 | 225 | 225 | 9 | 0 | 6.5 | 6.5 | 0 | NR | CR-4812 |
| 1973 | | PROD & FR | 1 | 0 | 212 | NR | 11 | 0 | 4.9 | 133 | 37.6 | 21.7 | C-6323 |
| 1974 | U | PROD | 11 | 0 | NR | NR | 9 | 0 | 0.9 | NR | NR | NR | C-14745 |

| OPERATOR | PROJECT | PROJECT NAME | TYP | OIL PRODUCING ZONE | | | |
|--|---------|------------------|-----|--------------------|-------|-----|------|
| LOCATION | NO | | PRJ | NAME | DEPTH | THK | GRAV |
| LANE COUNTY | | | | | | | |
| ===== | | | | | | | |
| PENDENNIS SOUTH FIELD | | | | | | | |
| ----- | | | | | | | |
| HELMERICH & PAYNE 33-16S27W 4-17S27W | C-16555 | LEIGHTON A | P | LKC | 4120 | 20 | 38.0 |
| TERWILLIGER NW FIELD | | | | | | | |
| ----- | | | | | | | |
| CHIEF DRILLING 2-17S25W | CR-8782 | GILL | D | MARM | 4312 | 8 | NR |
| WHITE ROCK SOUTH FIELD | | | | | | | |
| ----- | | | | | | | |
| BEREN 30-17S27W 25-17S28W | C-18114 | HARLAMERT | W | LKC | 4220 | 8 | 36.0 |
| LINN COUNTY | | | | | | | |
| ===== | | | | | | | |
| BEAGLE FIELD | | | | | | | |
| ----- | | | | | | | |
| KENT DRILLING 23-19S22E | C-9576 | LINN FLOOD | P | BARTL | 650 | 15 | NR |
| CENTERVILLE FIELD | | | | | | | |
| ----- | | | | | | | |
| MAINLINE USA 19-21S23E 24-21S22E | C-18443 | MCGREW I | P | SQUIR | 460 | 20 | 31.0 |
| RANTCUL ENERGY 10-21S22E | C-18581 | HILL | W | SQUIR | 510 | 15 | 29.0 |
| WILBUR EASTWOOD 14-21S22E | CR8787 | CENTERVILLE UNIT | P | SQUIR | 500 | 12 | 32.0 |
| GOODRICH-FARKER FIELD | | | | | | | |
| ----- | | | | | | | |
| DAVID OIL 20-20S22E | C-3165 | GOODRICH GROUP | P | SQUIR | 600 | 30 | 29.0 |
| OAKS PETROLEUM 33-19S22E | C-18703 | DIEHM-DAY | D | NEW ALB | 400 | 10 | 26.0 |
| LACYNE-CADMUS FIELD | | | | | | | |
| ----- | | | | | | | |
| ENERGY RECOVERY 34,35-19S23E 2,3-20S23E | C-3150 | SCOTT | W | PERU | 250 | 17 | 29.0 |
| ENERGY RECOVERY 21,31,33-19S23E 4,5,8,9-20S23E | C-15486 | CADMUS | W | PERU | 260 | 18 | 29.0 |
| FORREST MCCLUNEY 35-19S24E | C-15290 | CALVIN | W | SQUIR | 210 | 10 | 30.0 |
| J & J OIL 2,11-20S23E | C-12025 | PERSON-TEAGARDEN | W | PERU | 200 | 7 | 29.0 |
| LINN-MIAMI COUNTIES | | | | | | | |
| ===== | | | | | | | |
| BEAGLE FIELD | | | | | | | |
| ----- | | | | | | | |
| ROBERT A. MASON 15,22-19S22E | C-13055 | SOUTH BEAGLE | W | SQUIR | 480 | 15 | 27.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|------|-------------|-------|-----|--------------|---------|-----|-------------|-------|-----------------|-------------|----------|------|--|--------|------------|----|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | TOT | NEW | MB OR(MMCF) | CUM | | | | | |
| | | | | | | 1982 | | CUM | | | | | 1982 | | CUM | | |
| | | | | | | | | | | | | | | | | | |
| 1972 | U | PROD & LKC | 1 | 0 | 80.0 | 791 | 2 | 1 | 5.5 | 50.5 | 0 | 0 | | | | C-16555 | |
| 1978 | U | PROD | 1 | 0 | 33.6 | 104 | 8 | 0 | 58.2 | 484 | 0 | NR | | | | CR-8782 | |
| 1975 | U | PROD | 1 | 0 | 59.5 | 1372 | 4 | 0 | 4.7 | 68.1 | 1.9 | 66.9 | | | | C-18114 | |
| NR | M | PROD & KC | .4 | 0 | 0.1 | NR | 5 | 0 | 0.3 | NR | NR | NR | | | | C-9576 | |
| 1977 | U | PROD | 7 | 1 | 5.0 | 11.5 | 26 | 9 | 4.9 | 14.9 | 1.0 | 5.0 | | | | C-18443 | |
| 1977 | U | PROD | 0 | 0 | 0 | 300 | 9 | 0 | 0.5 | 30.0 | 0 | 15.0 | 2 | | | C-18581 | |
| 1978 | U | PROD | 2 | 0 | 9.0 | NR | 8 | 1 | 1.3 | NR | 0.6 | NR | | | | CR8787 | |
| NR | M | PROD & ARB | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | | C-3165 | |
| 1977 | U | PROD | 1 | 0 | 3.7 | 3.7 | 3 | 3 | 0.4 | 0.4 | 0 | 0 | | | | C-18703 | |
| 1940 | U | PROD & MISS | 20 | 0 | 29.2 | 6513 | 33 | 0 | 1.2 | 278 | 1.2 | 278 | | | | C-3150 | |
| 1974 | F | PROD & FR | 126 | 0 | 999 | 5609 | 168 | 0 | 10.0 | 68.9 | 10.0 | 68.9 | 62 | | | C-15486 | |
| NR | U | PROD | | | | | | | | | | | | | | C-15290 | |
| 1955 | M | FR | 47 | 0 | 11.3 | NR | 60 | 10 | 9.6 | NR | 4.8 | NR | | | | C-12025 | |
| 1968 | M | PROD & POND | 10 | 0 | 39.0 | 977 | 20 | 0 | 0 | 0 | 1.3 | 86.2 | | | | C-13055 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- |
|--|------------------------|-----------------------|-------------------|--|
|--|------------------------|-----------------------|-------------------|--|

LYON COUNTY
=====

ATYEO-FIXLEE FIELD

| | | | | | | | |
|------------------------------|--------|------------|-------|-------|------|------|------|
| CROWN OIL 30-21S10E | C-1871 | JONES | BARTL | 2250 | 14 | 40.0 | |
| LAVERNA ANN OIL 19-21S10E | C-4314 | LOWE-JONES | D | BARTL | 2150 | 30 | 35.0 |

ROCK CREEK FIELD

| | | | | | | | |
|---------------------------------|--------|-----------|---|-------|------|----|------|
| C. E. MURPHY 29,32-21S11E | C-5671 | MURPHY | P | BARTL | 1950 | 12 | 37.0 |
| SCHANKIE WELL SERV 32-21S11E | C-5004 | R.B. BYRD | P | BARTL | 1900 | 17 | 37.0 |

WELCH-MOHR FIELD

| | | | | | | | |
|----------------------------|---------|---------|---|-------|------|----|------|
| BRANDT OIL 32-20S10E | CR10793 | REES | D | BARTL | 2300 | 20 | 33.0 |
| BRANDT OIL 19-20S10E | C-18485 | BROWN | D | BARTL | 2315 | 40 | 33.0 |
| BRANDT OIL 29-20S10E | CR-3786 | FAIR | D | BARTL | 2310 | 30 | 33.0 |
| COMMERCIAL OIL 6-21S10E | CR-1785 | RUSSELL | P | BARTL | NR | NR | 40.0 |

*SEE ALSO CHASE-LYON

MARION COUNTY
=====

COVERT-SELLERS FIELD

| | | | | | | | |
|-----------------------------|--------|-------------|---|-----|----|----|----|
| HILLENBURG OIL 17-21S 4E | C-8119 | D.K. REAMEY | W | LKC | NR | NR | NR |
|-----------------------------|--------|-------------|---|-----|----|----|----|

EDMONDS FIELD

| | | | | | | | |
|-----------------------------------|---------|--------------|---|------|------|----|------|
| K.T. WIEDEMANN TRUST 31-22S 4E | C-18275 | JOHN LIGGETT | D | MISS | 2445 | NR | 40.0 |
|-----------------------------------|---------|--------------|---|------|------|----|------|

ELBING FIELD

| | | | | | | | |
|------------------------|--------|-----------|---|----|------|----|------|
| BAYES OIL 33-22S 4E | C-6185 | BAYES OIL | D | KC | 2100 | 10 | 31.0 |
|------------------------|--------|-----------|---|----|------|----|------|

ELBING NORTH FIELD

| | | | | | | | |
|-----------------------------|---------|-------------|---|------|------|---|------|
| MIDWEST SUPPLY 27-22S 4E | C-17154 | DEFORREST E | P | MISS | 2447 | 1 | 36.9 |
|-----------------------------|---------|-------------|---|------|------|---|------|

FANSKA FIELD

| | | | | | | | |
|-----------------------|---------|-----|---|------|------|----|------|
| DICK HESS 6-17S 1E | C-17659 | LAW | D | MISS | 2691 | 20 | 35.0 |
|-----------------------|---------|-----|---|------|------|----|------|

LOST SPRINGS FIELD

| | | | | | | |
|------------------------------|---------|-------|------|----|----|----|
| JOSEPH E. JONES 16-17S04E | C-15442 | HAJEK | MISS | NR | NR | NR |
|------------------------------|---------|-------|------|----|----|----|

| OPERATOR ----- LOCATION | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ | OIL PRODUCING ZONE | | | |
|-------------------------------|------------------------|-----------------------|------------|--------------------|-------|-----|------|
| | | | | NAME | DEPTH | THK | GRAV |

*SEE ALSO BUTLER-MARION

MC PHERSON COUNTY
=====

CANTON EAST FIELD

| | | | | | | | |
|--------------------------------|---------|---------------|---|------|------|----|------|
| GEORGE R. HESS 14,23-19S 1W | CR-8788 | RATZLAFF UNIT | W | MISS | 2925 | 20 | 35.0 |
|--------------------------------|---------|---------------|---|------|------|----|------|

CANTON NORTH FIELD

| | | | | | | | |
|------------------------------|---------|------|---|------|------|---|------|
| KREHBIEL OIL 25,26-18S 1W | C-18708 | HAAS | D | MISS | 2858 | 2 | 36.0 |
|------------------------------|---------|------|---|------|------|---|------|

CHINDBERG FIELD

| | | | | | | | |
|-------------------------------|---------|---------------|---|------|------|----|------|
| CAP OPERATING 18-19S 2W | C-18761 | ENBERG | D | MISS | 3001 | NR | 35.0 |
| ELMER UNRUH 12-19S 3W | C-18634 | BENTSON | P | MISS | 2992 | 18 | 33.0 |
| GEORGE R. HESS 24-19S 3W | C-18528 | EK A & B | P | MISS | 2955 | 30 | 37.0 |
| KREHBIEL OIL 13-19S 3W | C-18707 | TULL | D | MISS | 2980 | 15 | 37.0 |
| KREHBIEL OIL 24-19S 3W | C-18710 | DEAN | D | MISS | 2990 | 17 | 35.0 |
| LARRY MOORE RANCH 7-29S 2W | C-5634 | SELMAR LARSON | D | MISS | NR | NR | NR |

COONS FIELD

| | | | | | | | |
|--------------------------|---------|---------|---|------|------|----|------|
| ELMER UNRUH 13-19S 1W | C-18623 | COONS B | P | MISS | 2910 | 24 | 34.0 |
|--------------------------|---------|---------|---|------|------|----|------|

GEOROB FIELD

| | | | | | | | |
|-------------------------------|--------|----------|---|------|------|---|------|
| COASTAL OIL & GAS 1-18S 2W | C-7365 | ROBINSON | D | MISS | 2750 | 7 | 35.0 |
|-------------------------------|--------|----------|---|------|------|---|------|

GOESSEL FIELD

| | | | | | | | |
|--|---------|-------------------|---|--------|------|----|------|
| DONALD C. SLAWSON 1,12-21S 1W 6-21S 1E | C-13747 | GOESSEL HUNTON WF | W | HUNTON | 3400 | 10 | 40.0 |
|--|---------|-------------------|---|--------|------|----|------|

GRABER FIELD

| | | | | | | | |
|--|--------|-----------|---|--------|------|----|------|
| GEORGE R. HESS 31,32-21S 1W | C-3017 | GRABER | W | HUNTON | 3285 | 25 | 40.0 |
| GEORGE R. HESS 20,29,30,31,32-21S1W | C-2434 | GRABER WF | D | HUNTON | 3280 | 30 | 44.0 |

GRABER NORTH FIELD

| | | | | | | | |
|---------------------------------|---------|---------|---|--------|------|---|------|
| GEORGE R. HESS 8,16,17-21S1W | C-17397 | BOESKER | P | HUNTON | 3364 | 4 | 40.0 |
|---------------------------------|---------|---------|---|--------|------|---|------|

GYPSUM CREEK FIELD

| | | | | | | | |
|---|--------|-----------|---|------|------|----|------|
| GEORGE R. HESS 32-16S 1W 5-17S 1W | C-4038 | BUCKEYE C | P | MISS | 2622 | 20 | 35.0 |
|---|--------|-----------|---|------|------|----|------|

| INJECTION DATA | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|--------|-------|-----|---------|-----|-----------------|-------|----------|-------------|-------------|------|---------|------|------------------|
| FIRST YR | SOURCE | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC PROD | | NOTES | NO | |
| | | YR | WTR | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | MB OR(MMCF) | CUM | | | |
| | | | | | | 1982 | | | 1982 | | 1981 | 1981 | | |
| | | | | | | 1981 | | | 1981 | | 1981 | 1981 | | |
| 1978 | T | PROD | | 1 | 0 | 95.9 | 281 | 7 | 1 | 2.1 | 4.7 | 2.1 | 4.7 | CR-8788 |
| 1977 | T | PROD | | 1 | 0 | 28.0 | 71.8 | 1 | 0 | 0.9 | NR | NR | NR | C-18708 |
| 1977 | U | PROD | | 4 | 0 | 275 | NR | 4 | 0 | 3.5 | NR | NR | NR | C-18761 |
| 1976 | U | PROD | | 1 | 0 | 96 | NR | 2 | 0 | 0.8 | NR | 0.5 | NR | C-18634 |
| 1976 | T | PROD | | 1 | 0 | 47.6 | 765 | 2 | 0 | 0.8 | 178 | 0.8 | 7.9 | C-18528 |
| 1977 | T | PROD | | 1 | 0 | 12.0 | 154 | 2 | 0 | 2.6 | NR | NR | NR | C-18707 |
| 1977 | T | PROD | | 1 | 0 | 4.8 | 23.6 | 1 | 0 | 0.3 | NR | NR | NR | C-18710 |
| 1957 | U | PROD | | 1 | 0 | 56.3 | 1206 | 1 | 0 | 3.9 | 73.3 | 3.9 | 46.6 | C-5634 |
| 1976 | U | PROD | | 1 | 0 | 69.0 | NR | 2 | 0 | 1.1 | NR | 0.9 | NR | C-18623 |
| 1959 | U | PROD | | 0 | 0 | 0 | 0 | 3 | 0 | 4.5 | 530 | NR | NR | 62 C-7365 |
| 1968 | | PROD | | 4 | 0 | 515 | 6286 | 3 | 0 | 7.4 | 719 | 7.4 | 208 | C-13747 |
| 1952 | T | PROD | | 1 | 0 | 50.9 | 1999 | 1 | 0 | 1.5 | 1689 | 1.5 | 3.5 | C-3017 |
| NR | T | PROD | | 6 | 0 | 282 | 44164 | 15 | 0 | 23.8 | 1593 | 23.8 | 125 | C-2434 C-1911 |
| 1974 | T | PROD | | 1 | 0 | 5.0 | 77.5 | 5 | 0 | 0 | 77.4 | 0 | 4.3 | 3 C-17397 |
| 1954 | T | PROD | | 1 | 0 | 203 | 3042 | 3 | 0 | 5.7 | 307 | 5.7 | 20.0 | C-4038 |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE | | | |
|---|------------------------|-----------------------|-------------------|--------------------|-------|-----|------|
| | | | | NAME | DEPTH | THK | GRAV |
| MC PHERSON COUNTY ===== | | | | | | | |
| HOLLOW-NIKKEL FIELD ----- | | | | | | | |
| GEORGE R. HESS 28-21S 3W | C-13798 | SCHROEDER | P | HUNTON | 3418 | 20 | 40.0 |
| JENDAY FIELD ----- | | | | | | | |
| ALFRED C. KOEHN 6-19S 1W | C-5715 | RYNO | D | MISS | 2935 | 30 | 35.0 |
| ALFRED C. KOEHN 7,8-19S 1W | C-1295 | WEDEL B | D | MISS | 2940 | 20 | 34.0 |
| JOHNSON FIELD ----- | | | | | | | |
| DAVID LITAN 35-19S 3W | C-15232 | KASEY-COLBURN | P | MISS | 2990 | 110 | 38.0 |
| ECCO 35-19S 3W 2-20S 3W | CR-9775 | FJ7 UNIT | D | MISS | 3050 | 40 | 39.0 |
| LINDSBORG FIELD ----- | | | | | | | |
| TENNECO 8-17S 3W | C-15946 | COMMUNITY B | D | VIOLA | 3200 | 8 | 28.5 |
| MCPHERSON FIELD ----- | | | | | | | |
| LAWRENCE & BUSH 29,30-18S 2W | C-10429 | JOHNSON | P | LKC | 2300 | 10 | 35.0 |
| MEAD PRODUCTION 32-18S 2W | C-7951 | O.T. BENTSON | P | KC | 2350 | 12 | 35.0 |
| RIERSON-JOHNSON 30-18S 02W | C-6179 | ROLANDER | | KC | NR | NR | NR |
| RIERSON-JOHNSON 6-19S 2W | C-18618 | PAULSEEN | D | KC | 2350 | 10 | 34.0 |
| FADEN FIELD ----- | | | | | | | |
| ROCKET-SCHUSTERMAN 15-18S 1W | C-17480 | SCHULZ | W | MISS | 2685 | 25 | 36.0 |
| RITZ-CANTON FIELD ----- | | | | | | | |
| ALFRED D. KOEHN 36-19S 2W | C-5844 | MILLER | D | MISS | 2940 | 20 | 34.0 |
| CAP OPERATING | C-3476 | UNRUH | D | MISS | 3350 | NR | 35.0 |
| 26-19S 2W CAP OPERATING 17,18,19-19S 1W | CR-9775 | THOMPSON | D | MISS | 2962 | NR | 36.0 |
| CAP OPERATING 29-19S 2W | CR-3771 | SUFFIELD | D | MISS | 2942 | NR | 35.0 |
| C&E OPERATORS 16-19S 2W | C-3034 | GIFFIN | D | MISS | 2890 | 40 | 36.0 |
| C&E OPERATORS 11-19S 2W | C-2158 | HULL | D | MISS | 2885 | 40 | 36.0 |
| CLIVER-GRCUNDS OIL 14-19S 2W | CR-8816 | MASTRE | D | MISS | 2915 | 25 | 36.0 |
| DAPHNE BRADLEY 23-19S 2W | C-3268 | DUNSFORD | P | MISS | 2900 | 60 | 36.5 |
| DAPHNE BRADLEY 25,36-19S 2W | C-3264 | UNRUH-KOEHN | P | MISS | 2900 | 60 | 36.5 |
| DAPHNE BRADLEY 36-19S 2W | C-3320 | WIGGERS | P | MISS | 2900 | 60 | 36.5 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | PROJECT | | |
|----------------|------|-------------|-------|-----|------------------|---------|-----|--------------|-------|-----------------|------------------|--------------|--------------|--------------|------------------|------------|----|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | MB OR (MMCF) | MB OR (MMCF) | MB OR (MMCF) | | | |
| | | | | | 1982 CUM 1981 | | | | | | 1982 CUM 1981 | | | | 1982 CUM 1981 | | |
| 1967 | T | PROD | 1 | 0 | 75.2 | 900 | 2 | 0 | 1.7 | 125 | 1.7 | 6.8 | | | | C-13798 | |
| 1955 | T | PROD | 1 | 0 | 180 | NR | 3 | 0 | 3.6 | NR | 3.6 | NR | | | | C-5715 | |
| 1953 | T | PROD | 1 | 0 | 150 | NR | 7 | 1 | 4.5 | NR | 4.5 | NR | | | | C-1295 | |
| 1969 | U | PROD | 2 | 0 | 310 | 3327 | 5 | 0 | 8.7 | NR | 3.0 | NR | | | | C-15232 | |
| 1977 | U | PROD | 2 | 0 | 240 | 861 | 8 | 0 | 13.9 | NR | 11.2 | NR | | | | CR-9775 | |
| 1972 | T | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | 5 | | C-15946 | |
| 1959 | U | PROD & MISS | 1 | 0 | 25.5 | 982 | 3 | 1 | 2.7 | 929 | 2.7 | 929 | | | | C-10429 | |
| 1960 | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | | C-7951 | |
| 1978 | T | PROD | 1 | 0 | 18.0 | NR | 2 | 0 | 1.5 | NR | 0 | NR | | | | C-18618 | |
| 1971 | U | PROD | 1 | 0 | 68.1 | 457 | 6 | 0 | 13.8 | 1459 | 0 | NR | | | | C-17480 | |
| 1955 | T | PROD | 2 | 0 | 200 | NR | 5 | 1 | 18.0 | NR | 15.0 | NR | | | | C-5844 | |
| NR | U | PROD | 2 | 0 | 327 | NR | 2 | 0 | 2.0 | NR | NR | NR | | | | C-3476 | |
| 1977 | U | PROD | 10 | 0 | 1161 | NR | 10 | 1 | 13.8 | NR | NR | NR | | | | CR-4775 | |
| 1977 | U | PROD | 5 | 0 | 385 | NR | 5 | 0 | 1.7 | NR | NR | NR | | | | CR-3771 | |
| 1952 | U | PROD | 1 | 0 | 0 | 73400 | 2 | 0 | 0 | NR | NR | NR | | | | C-3034 | |
| 1949 | U | PROD | 1 | 0 | 1750 | 91939 | 7 | 1 | 55.8 | NR | NR | NR | | | | C-2158 | |
| 1981 | U | PROD | 1 | 0 | 78.0 | 78.0 | 1 | 0 | 0 | NR | NR | NR | | | | CR-8816 | |
| 1953 | T | PROD | 1 | 0 | 353 | NR | 7 | 0 | 7.9 | NR | 7.9 | NR | | | | C-3268 | |
| 1965 | T | PROD | 1 | 0 | 354 | NR | 9 | 0 | 5.3 | NR | 5.3 | NR | | | | C-3264 | |
| 1953 | T | PROD | 1 | 0 | 140 | NR | 2 | 0 | 2.3 | NR | 2.3 | NR | | | | C-3320 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- ----- ----- ----- |
|--|------------------------|-----------------------|-------------------|--|
| MC PHERSON COUNTY | | | | |
| RITZ-CANTON FIELD | | | | |
| ECCO 26-35-19S 2W 3-20S 2W | CR-4774 | BDJT UNIT | D | MISS 2950 20 36.0 |
| ELMER UNRUH 25-15S 2W | C-3387 | WILES | P | MISS 2930 25 36.5 |
| ELMER UNRUH 33-15S 2W | C-18633 | KOEHN | P | MISS 2965 4 36.0 |
| ELMER UNRUH 1-20S 2W | C-18635 | ANDERSON | P | MISS 2937 12 35.0 |
| FRANK JONES OIL 23-15S 2W | C-7617 | RITZ-CANTON | P | MISS 2900 8 35.0 |
| FRANK JONES OIL 23-15S 2W | C-14280 | RITZ-CANTON | P | VIOLA 3362 8 36.0 |
| GEORGE R. HESS 22-15S 2W | C-8148 | THOMPSON B | | MISS 2943 25 35.0 |
| GEORGE R. HESS 22,27-19S 2W | CR-2785 | KIRBY UNIT | W | MISS NR NR NR |
| GEORGE R. HESS 3,4-19S 2W | C-17373 | G.A. & DELLA NELSON | P | MISS 2953 9 37.0 |
| GEORGE R. HESS 15,16-19S 2W | C-5630 | H.P. UNRUH | P | MISS 2976 25 35.0 |
| GEORGE R. HESS 2-19S 2W | C-17403 | MARVIN HILL | P | MISS 2955 8 36.0 |
| GEORGE R. HESS 1-20S 2W | C-5682 | FLOOK | P | MISS 2945 8 35.0 |
| HESS & BRUCE 24-5S 2W | C-18480 | HESS & BRUCE UNIT | P | MISS 2945 11 36.0 |
| HESS OIL 18-15S 2W | CR28010 | ANDERSON | W | MISS 2996 7 |
| HILLENBURG OIL 34-15S 2W | C-6975 | UNRUH | D | MISS 2945 11 35.0 |
| HILLENBURG OIL 26-15S 2W | C-7971 | EATON | D | MISS 2930 30 35.0 |
| HILLENBURG OIL 23-15S 2W | C-7969 | KUNDSON | D | MISS 2930 30 35.0 |
| HILLENBURG OIL 13-15S 2W | C-9787 | F.A. LOVETT | D | MISS 2916 60 34.0 |
| KERMIT SCHMIDT 1-20S 2W | CR11802 | WALN | | MISS 3066 51 NR |
| KREHBIEL OIL 20-15S 1W | C-8813 | LACQUEMENT | D | MISS 2980 5 37.0 |
| KREHBIEL OIL 34-15S 2W | C-4067 | KOEHN B | D | MISS 2963 5 36.0 |
| KWB OIL | C-3500 | P.J. BECKER | D | MISS 2900 33 40.0 |
| 36-15S 2W PAUL BANDY 30-15S 1W | C-18717 | ANDERSON | D | VIOLA 3400 6 35.0 |
| ROUND HILL FIELD | | | | |
| BRUCE OIL 33-18S 1W | C-14770 | KREHBIEL A | D | MISS 2840 10 36.0 |
| ROXBURY SCUTH FIELD | | | | |
| ELMER UNRUH 20,25-17S 1W | C-3219 | BOYD | P | MISS 2650 80 35.0 |
| WHITE HAWK OIL 30-17S 1W | C-17536 | BISHOP-LILLY UNIT | D | MISS 2685 5 32.0 |
| VCSHELL FIELD | | | | |
| HERMAN J. SCHRAG 26-20S 3W | C-14203 | SCHRAG FLOOD | W | MISS 3090 3 36.0 |

| FIRST YR | TYP WTR | INJECTION DATA | | | | PRODUCTION DATA | | | | | | PROJECT NO | | | |
|-------------|------------|----------------|-------|-----|--------------|-----------------|-------|--------------|----------|------|--------|------------|--------------|---------|------------------|
| | | SOURCE | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC | PROD | NOTES | | |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | 1982 | CUM | 1982 | CUM | MB OR (MMCF) | | |
| | | | | | | | | | 1981 | | 1981 | | 1981 | | |
| 1977 | U | PROD | | | 3 | 0 | 510 | 4073 | 24 | 0 | 20.8 | 231.8 | NR | NR | CR-4774 |
| NR | U | PROD | | | 1 | 0 | 120 | NR | 4 | 0 | 1.4 | NR | 0.7 | NR | C-3387 |
| 1976 | U | PROD | | | 1 | 0 | 105 | NR | 2 | 0 | 0.9 | NR | 0.1 | NR | C-18633 |
| 1976 | U | PROD | | | 1 | 0 | 18.5 | NR | 1 | 0 | 0.9 | NR | 0.2 | NR | C-18635 |
| 1952 | U | PROD | | | 1 | 0 | 73.0 | NR | 5 | 0 | 6.1 | NR | 0 | NR | C-7617 |
| 1968 | U | PROD | | | 1 | 0 | 54.8 | NR | 1 | 0 | 2.0 | NR | 0 | NR | C-14280 |
| 1960 | T | PROD | | | 1 | 0 | 67.0 | 774 | 2 | 0 | 4.1 | 219 | 4.1 | 21.0 | C-8148 |
| 1977 | T | PROD | | | 2 | 0 | 159 | 467 | 25 | 0 | 22.7 | 104 | 22.7 | 104 | CR-2785 |
| 1974 | T | PROD | | | 3 | 0 | 375 | 2443 | 13 | 0 | 12.0 | 672 | 12.0 | 77.8 | C-17373 |
| 1957 | T | PROD | | | 1 | 0 | 77.5 | 1623 | 6 | 1 | 6.6 | 1483 | 6.6 | 199 | C-5630 |
| 1974 | T | PROD | | | 1 | 0 | 80.9 | 451 | 6 | 0 | 5.3 | 234 | 5.3 | 25.5 | C-17403 |
| 1958 | T | PROD | | | 1 | 0 | 88.6 | 1118 | 4 | 0 | 10.0 | 213 | 10.0 | 33.2 | C-5682 |
| 1976 | T | PROD | | | 2 | 0 | 940 | 4674 | 20 | 0 | 10.9 | 6083 | 10.9 | 60.1 | C-18480 |
| 1981 | U | PROD | | | 1 | 0 | 37.3 | 37.3 | 4 | 0 | 2.8 | 2.8 | 2.8 | 2.8 | CR28010 |
| 1959 | U | PROD | | | 1 | 0 | 110 | 2503 | 3 | 0 | 1.6 | NR | 0 | NR | C-6975 |
| 1960 | NR | | | | 0 | 0 | 0 | NR | 4 | 0 | 4.8 | NR | 0 | NR | 2 C-7971 |
| 1960 | NR | | | | 0 | 0 | 0 | NR | 3 | 0 | 4.4 | NR | 0 | NR | 2 C-7969 |
| 1948 | U | PROD | | | 1 | 0 | 720 | NR | 2 | 0 | 5.0 | NR | 0 | NR | C-9787 C-2039 |
| 1980 | T | PROD | | | 7 | 3 | 708 | NR | 6 | 2 | 5.5 | NR | 0 | NR | CR11802 |
| 1961 | T | PROD | | | 1 | 0 | 198 | 650 | 3 | 0 | 1.8 | NR | 1.3 | NR | C-8813 |
| 1965 | T | PROD | | | 1 | 0 | 9.5 | 40.1 | 2 | 0 | 2.6 | NR | 1.0 | NR | C-4067 |
| 1953 | T | PROD | | | 1 | 0 | 34.7 | 614 | 1 | 0 | 1.0 | NR | 1.0 | NR | C-3500 |
| 1977 | M | PROD & MISS | 1 | 0 | 0.6 | NR | 3 | 0 | 7.3 | NR | NR | NR | NR | C-18717 | |
| 1975 | U | PROD | | | 1 | 0 | 7.3 | 73.1 | 1 | 0 | 0.1 | NR | 0.3 | 4.3 | C-14770 |
| 1952 | U | PROD | | | 1 | 0 | 150 | NR | 3 | 0 | 2.3 | NR | 0.2 | NR | C-3219 |
| 1958 | U | PROD | | | 1 | 0 | 142 | 4240 | 1 | 0 | 1.3 | 54.3 | 1.3 | 54.3 | C-17536 |
| 1968 | M | PROD & SH SD | 1 | 0 | 58.4 | 319 | 3 | 0 | 2.4 | 50.5 | 2.4 | 50.5 | NR | C-14203 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE | | | |
|--|------------------------|-----------------------|-------------------|--------------------|-------|-----|------|
| | | | | NAME | DEPTH | THK | GRAV |
| MC PHERSON COUNTY ===== | | | | | | | |
| WELCH-BORNHOLDT FIELD ----- | | | | | | | |
| DICK HESS 30-2CS 5W | C-17665 | KNACKSTEDT | D | MISS | 3300 | 40 | 34.0 |
| WINSINGER FIELD ----- | | | | | | | |
| THORNTON E. ANDERSON 18-21S 1W 13-21S 2W | C-17603 | WINSINGER UNIT | W | HUNTON | 3354 | 8 | 38.0 |
| WINSINGER WEST FIELD ----- | | | | | | | |
| J. J. CARRAH & HESS 23,24,26-21S 2W | CR-2801 | MOUNDRIDGE | P | HUNTON | 3351 | 34 | 40.0 |

*SEE ALSO HARVEY-MC PHERSON

| | | | | | | | |
|---|---------|---------------------|---|------|------|----|------|
| MEADE COUNTY ===== | | | | | | | |
| ACAMS RANCH FIELD ----- | | | | | | | |
| WHITAKER ENTERPRISES 25-34S30W | C-6354 | A. W. ADAMS D | P | MARM | NR | NR | NR |
| MCKINNEY FIELD ----- | | | | | | | |
| DILLCO FILID SERVICE 17-33S27W | C-16693 | REGIER | D | MCRR | 5710 | 6 | NR |
| NOVINGER FIELD ----- | | | | | | | |
| CITCO 22,23,26-33S30W 27,34,35-33S30W 2,3-34S30W | C-4924 | NOVINGER FIELD UNIT | W | MARM | 5297 | NR | 45.0 |

MIAMI COUNTY
=====

BLACK FIELD

| | | | | | | | |
|--------------------------------------|---------|---------------------|---|-------|-----|----|------|
| FCRREST MCCLUNEY 12-19S24E | | | | | | | |
| KCRINC 4-19S24E | CR78119 | KORINC | D | SQUIR | 360 | 6 | 28.0 |
| RCBERT A. MASON 3,9,10-19S24E | C-13497 | SOUTH NEW LANCASTER | W | PERU | 200 | 12 | 27.0 |
| LCUISBURG FIELD ----- | | | | | | | |
| EUGENE L. STALLINGS 18-17S25E | C-14695 | LOUISBURG UNIT | W | PERU | NR | NR | NR |
| JACK HOUSE 12-17S24E | C-16820 | HARRY RIGNEY | W | PERU | | | |
| REESE EXPLORATION 28,34-16S25E | C-5762 | LOUISBURG | W | PERU | 330 | 9 | 33.0 |
| REESE EXPLORATION 9-17S25E | C-18249 | LOUISBURG | W | PERU | 400 | 11 | 32.0 |

| INJECTION DATA | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|-----|-------------|-------|-----|--------------|-----------------|------|-------------|-------------|------|-------|---------|------------------|
| FIRST | TYP | SOURCE | WELLS | VOL | INJ | WELLS | PROD | VOL | ENHANC | PROD | NOTES | NO | |
| YR | WTR | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | MB OR(MMCF) | CUM | | | |
| | | | | | 1982 | | | 1982 | | 1982 | | | |
| | | | | | --- | | | --- | | --- | | | |
| | | | | | 1981 | | | 1981 | | 1981 | | | |
| 1974 | T | PROD | 1 | 0 | 91.3 | 624 | 1 | 0 | 0.8 | 26.3 | 0.8 | 13.3 | C-17665 |
| 1975 | M | PROD & FR | 1 | 0 | 101 | 640 | 4 | 0 | 14.2 | 88.8 | 7.5 | 30.0 | C-17603 |
| 1980 | U | PROD | 3 | 0 | 150 | 150 | 9 | 0 | 13.3 | NR | 13.3 | 13.3 | CR-2801 |
| 1988 | | PROD | 0 | 0 | NR | NR | 1 | 0 | NR | NR | NR | NR | 2 C-6354 |
| 1972 | U | PROD | 1 | 0 | 3.6 | 42.6 | 0 | 0 | 0 | NR | 0 | NR | 63 C-1E693 |
| 1986 | M | PROD & SHSD | 9 | 0 | 734 | 24768 | 9 | 0 | 24.7 | 3764 | 24.7 | 3764 | C-4924 |
| NR | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | C-18713 |
| 1981 | U | PROD | 6 | 6 | 3.6 | 3.6 | 18 | 12 | 3.6 | 3.6 | 1.8 | 1.8 | CR78119 |
| 1987 | M | PROD & POND | 16 | 0 | 55.5 | 934 | 39 | 0 | 0 | 0 | 1.3 | 75.7 | C-13497 C-590 |
| NR | U | PROD | NR | NR | NR | NR | NR | NR | 0 | 0 | 0 | 0 | 2 C-14695 |
| NR | U | PROD | | | | | | | | | | | 64 C-16820 |
| 1988 | U | PROD | 19 | 0 | 256 | NR | 33 | 0 | 6.4 | NR | 3.8 | NR | C-5762 |
| 1984 | M | PROD & HER | 25 | 0 | 256 | NR | 61 | 0 | 12.3 | NR | 2.5 | NR | C-18243 |

| OPERATOR LOCATION | PROJECT NO | PROJECT NAME | TYP PRJ | OIL PRODUCING ZONE NAME DEPTH THK GRAV | |
|--|---------------|-------------------------|------------|---|---------|
| MIAMI COUNTY | | | | | |
| LCUISBURG FIELD | | | | | |
| TCWN OIL 33-16S25E 04-17S25E | CR-3772 | ROGERS & AIKENS | D | PERU 450 | 10 32.0 |
| PAOLA RANTOUL FIELD | | | | | |
| REESE EXPLORATION 14-16S21E | CR98115 | JOHNSON | P | SQUIR 620 | 50 NR |
| PAOLA-RANTOUL FIELD | | | | | |
| DIAMOND B INDUSTRIES 23-16S21E | C-6337 | HENNING | P | SQUIR NR | NR NR |
| DIAMOND B INDUSTRIES 24-16S21E | C-471 | MIAMI FLOOD | P | SQUIR NR | 8 31.5 |
| DIAMOND B INDUSTRIES 23-16S21E | CR-7773 | SIEG & BEETS | P | SQUIR 680 | 17 28.0 |
| DONALD L. JOHNSON 4-17S22E | C-18513 | PERDUE | D | SQUIR 610 | 10 32.0 |
| DOUG McMULLIN 35-16S21E | CR-1278 | MILLER | D | SQUIR 650 | 11 31.0 |
| FLOYD L. JACKSON, JR 23-16S21E | C-18679 | BOOZE | P | SQUIR NR | NR NR |
| FCUR J CIL 36-17S21E | CR-9798 | JOHNSON | W | SQUIR 495 | 9 31.0 |
| HARDING OIL 35-16S21E | CR12781 | MILLER ISE | | SQUIR NR | NR NR |
| JACK ROLLETT 17-17S23E | CR-3774 | GEIGER | W | WAY 382 | 6 29.0 |
| JACK W. SANDERS 21-16S23E | C-18295 | HUFFMAN | D | SQUIR 700 | 8 30.0 |
| LEO TUCKER BLACKSTON 11-17S22E | C-4829 | SCHMITT | W | SQUIR 550 | 10 31.0 |
| MARAZAN PETROLEUMS 12-18S22E | CR-3812 | MCGUIRE-NEEDHAM | D | PERU 247 | 9 32.0 |
| MID-STATES PETROLEUM 1-17S23E | C-18474 | EVERHART-SOUTH | P | PERU 450 | 20 32.0 |
| P & W JT. VENTURES 9-17S22E | C-18289 | WINGERT COOPER HOLLINGE | P | SQUIR 700 | 20 29.0 |
| P & W JT. VENTURES 10-17S22E | C-4864 | BLACK-NICHOLSON | W | SQUIR 700 | 15 27.0 |
| P & W JT. VENTURES 10-17S22E | C-2494 | NICHOLSON-BLACK | W | SQUIR 700 | 15 27.0 |
| P & W JT. VENTURES | CR-7782 | SHARP | W | SQUIR 750 | 10 32.0 |
| | | | | | |
| 26-16S21E RANTOUL ENERGY 22-17S22E | C-3132 | ABC | P | PERU 375 | 10 24.0 |
| REESE EXPLORATION 24-16S21E | C-5273 | MIAMI FLOOD | W | SQUIR 670 | 12 31.0 |
| REESE EXPLORATION 12-16S21E | CR-2801 | MITCHELL | | SQUIR 700 | 10 28.0 |
| REESE EXPLORATION 13-16S21E | CR10785 | EBECK MEYERS | W | SQUIR 700 | 14 28.0 |
| RICHARD MCHERMAN 17-17S23E | C-12704 | KEPPEL | P | PERU NR | NR NR |
| SCIMITAR RESOURCES 14-16S21E | C-18294 | PHILLIPS | W | SQUIR 670 | 8 30.0 |
| SCIMITAR RESOURCES 24-16S21E | C-18291 | SCHENDEL | W | SQUIR 651 | 10 30.0 |
| SCIMITAR RESOURCES L 25-17S21E | CR10811 | GRIGSBY | D | SQUIR 506 | 14 29.0 |

| INJECTION DATA | | | | | | | | | | | | PRODUCTION DATA | | | | PROJECT | |
|----------------|------|-------------|-------|-----|--------------|---------|-----|-------------|-------|------|-------------|-----------------|---------|---------|------------|---------|--|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | ENHANC | PROD NOTES | NO | |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | TOT | CUM | MB OR(MMCF) | | | | | | |
| | | | 1982 | --- | 1982 CUM | 1982 | --- | 1982 | 1981 | 1981 | 1982 CUM | | | | | | |
| 1979 | U | PROD | 2 | 0 | 3.0 | 10.0 | 10 | 0 | 0.4 | NR | 0.1 | NR | CR-3772 | | | | |
| | U | PROD | 1 | 0 | 7.3 | NR | 38 | 0 | 5.3 | NR | 0.1 | NR | CR98115 | | | | |
| | U | PROD | 5 | 0 | 6.0 | NR | 38 | 15 | 11.1 | NR | 2.0 | NR | C-6337 | | | | |
| | U | PROD | 22 | 0 | 4.0 | NR | 51 | 0 | 8.9 | NR | 0.9 | NR | C-471 | | | | |
| | U | PROD | 4 | 0 | 3.0 | 10.0 | 10 | 0 | 2.5 | 8.0 | 1.0 | 4.0 | C-5273 | | | | |
| | U | PROD | 1 | 0 | 2.6 | NR | 38 | 1 | 7.8 | NR | 0 | NR | CR-7773 | | | | |
| | U | PROD | 1 | 0 | 1.0 | 4.0 | 14 | 2 | 2.0 | 10.0 | 0 | NR | C-18513 | | | | |
| | U | PROD | 1 | 0 | 1.0 | NR | NR | 12 | 0 | 3.7 | NR | 1.2 | CR-1278 | | | | |
| | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | C-18679 | | | | |
| | F | PROD & FR | 8 | 0 | 58.4 | NR | 12 | 0 | 3.7 | NR | 1.2 | NR | CR-5798 | | | | |
| | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | CR12781 | | | | |
| | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | CR-3774 | | | | |
| | U | PROD | 3 | 0 | 16.5 | NR | 12 | 1 | 2.3 | NR | 0.7 | NR | C-18295 | | | | |
| | U | PROD | 3 | 0 | 1.1 | NR | 10 | 2 | 1.5 | NR | 1.5 | NR | C-4829 | | | | |
| | U | PROD | 2 | 0 | 14.7 | 14.7 | 7 | 8 | 1.2 | 1.2 | 0 | 0 | 67 | CR-3812 | | | |
| | T | PROD | 2 | 0 | 6.4 | 31.9 | 7 | 0 | 1.3 | 10.4 | 0.4 | 3.1 | C-18474 | | | | |
| | M | PROD&FRESH | 14 | 0 | 66.0 | NR | 18 | 0 | 2.1 | NR | 2.1 | NR | C-18289 | | | | |
| | M | PROD | 11 | 0 | 3.2 | NR | 23 | 0 | 1.5 | NR | 1.5 | NR | C-4864 | | | | |
| | M | PROD | 11 | 0 | 3.2 | NR | 9 | 0 | 0.5 | NR | 0.5 | NR | C-2494 | | | | |
| | T | PROD | 2 | 0 | 8.8 | NR | 18 | 0 | 3.6 | NR | 3.6 | NR | CR-7782 | | | | |
| | | | | | | | | | | | | | | | | | |
| 1945 | T | PROD | 0 | 0 | 0 | 10000 | 26 | 0 | 1.3 | 600 | 0 | 380 | 2 | C-3132 | | | |
| NR | U | PROD & MISS | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 4 | C-5273 | | | |
| 1980 | M | PROD | 0 | 0 | 0 | 0 | 8 | 0 | 1.5 | 1.5 | 0 | 0 | 2 | C-471 | | | |
| 1978 | U | PROD | 0 | 0 | 0 | NR | 59 | 0 | 4.4 | NR | 0 | 0 | 2 | CR-2801 | | | |
| NR | NR | NR | 3 | 0 | 0.1 | 6.3 | 5 | 1 | 0.3 | NR | NR | NR | C-12704 | | | | |
| NR | U | PROD | 0 | 0 | 0 | NR | 16 | 2 | 7.3 | NR | 0 | NR | C-18294 | | | | |
| NR | PROD | 0 | 0 | 0 | NR | 8 | 0 | 0 | NR | 0 | NR | C-18291 | | | | | |
| NR | PROD | 6 | 0 | 0 | NR | 6 | 0 | 0.4 | NR | 0 | NR | 4 | CR10811 | | | | |

| OPERATOR LOCATION | PROJECT NO | PROJECT NAME | TYP PRJ | OIL PRODUCING ZONE | | | |
|-----------------------------------|---------------|-------------------|------------|--------------------|-------|-----|------|
| | | | | NAME | DEPTH | THK | GRAV |
| MIAMI COUNTY | | | | | | | |
| ===== | | | | | | | |
| PAOLA-RANTCUL FIELD | | | | | | | |
| TOWN OIL 29-18S23E | C-9128 | EMIL J MILLER | D | PERU | 300 | 10 | 30.0 |
| TOWN OIL 20-17S23E | C-18587 | SCHUKNECHT | D | PERU | 400 | 10 | 32.0 |
| VERA CRPLZ PETROLEUM 35-17S21E | CR-1804 | S & W CAYLOR | W | SQ&PERU | 550 | 8 | 31.0 |
| WILLIAMS PRODUCTION 30-16S22E | CR-9814 | MCCANN ET AL | D | SQUIR | 670 | 15 | 32.0 |
| *SEE ALSO LINN-MIAMI | | | | | | | |
| MONTGOMERY COUNTY | | | | | | | |
| ===== | | | | | | | |
| BREWSTER FIELD | | | | | | | |
| CARL D. WYCKOFF 4,5-33S16E | C-18143 | UNIVERSAL ATLAS | D | ARB | 1350 | 2 | 22.0 |
| DAVIS OIL 2,3-33S16E | C-18649 | BRUINGTON | P | PERU | 1200 | 20 | 24.0 |
| CANEY FIELD | | | | | | | |
| MASEK CIL 22,27-34S14E | CR-9806 | OVERLOOK | E | WEISER | 774 | 5 | 29.3 |
| MASEK CIL 27-34S14E | CR78116 | MORROW | W | WEISER | 741 | 3 | |
| RICHARD GRAMLY 35-34S14E | CR10819 | RUSSELL | D | BARTL | 1344 | 15 | 34.0 |
| RICHARD GRAMLY 3-35S14E | CR-5792 | ELSHEIMER | P | BARTL | 1339 | 15 | 35.0 |
| STIMCO OIL 8-35S14E | CR-6813 | CARTER III | D | WAYSIDE | 690 | 14 | 29.0 |
| COFFEYVILLE-CHERRY FIELD | | | | | | | |
| ALEXANDER-SEATON 17-34S17E | C-5236 | CLARK HUDSON | W | BARTL | 605 | 20 | 31.0 |
| BRET C. TEMPLE 32-31S17E | CR-8793 | HACKLEY | W | BARTL | | 10 | 32.0 |
| DAVIS OIL 33-31S17E | C-5320 | CHERRY CREEK | W | BARTL | 700 | 20 | 29 |
| 4-32S17E | | | | | | | |
| DAVIS CIL 19,20,30-34S17E | C-9082 | COFFEYVILLE PILOT | W | BARTL | 600 | 30 | 30.0 |
| DAVIS OIL 34-31S17E | C-18678 | SCHICKE | P | BARTL | 700 | 20 | 28.0 |
| EDDISON PRODUCTION 36-31S16E | CR-7775 | HOLLOWAY | W | BARTL | NR | NR | NR |
| EDDISON PRODUCTION 7-31S17E | CR98118 | ALLEN | D | BARTL | 896 | 18 | NR |
| DONALD ELDER 19-34S17E | C-18251 | ELDER | D | SQUIR | 485 | 8 | 30.0 |
| FCUR C CO 28-31S17E | CR11814 | SCHMIDT | D | PERU | 496 | 7 | 32.0 |
| G & M WELL SERVICE 5-32S17E | C-16459 | HANSFORD | W | BARTL | 800 | 12 | 31.0 |
| GARY CLAUSING 17-35S17E | C-18625 | HELLON-CLAUSING | D | ARB | 1185 | 2 | 25.0 |

| INJECTION DATA | | | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT |
|----------------|------|-------------|-------|-----|--------------|---------|-----|-------------|-------|------|-------------|-----------------|--------|---------|---------|---------|---------|----------|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD | NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | TOT | NEW | MB OR(MMCF) | 1982 | CUM | 1982 | CUM | 1982 | CUM | |
| | | | | | 1982 | | | | | | | 1982 | | | | | | 1982 |
| | | | | | 1981 | | | | | | | 1981 | | | | | | 1981 |
| NR | L | PROD | 20 | 0 | 5.0 | NR | 22 | 0 | 0.3 | NR | NR | NR | NR | NR | NR | NR | NR | C-9128 |
| 1978 | U | PROD | 3 | 0 | 9.0 | 30.0 | 7 | 1 | 0.3 | NR | 0.1 | NR | 0.1 | NR | NR | NR | NR | C-18587 |
| 1980 | L | PROD & MISS | 12 | 2 | 54.0 | 65.0 | 80 | 12 | 11.7 | 33.5 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | CR-1804 |
| 1982 | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 4 | CR-9814 |
| | | | | | | | | | | | | | | | | | | |
| 1958 | U | PROD | 1 | 0 | 120 | 1800 | 10 | 1 | 2.4 | 350 | 0 | NR | NR | NR | NR | NR | NR | C-18143 |
| 1976 | T | PROD | 1 | 0 | 1.0 | 6.0 | 1 | 0 | 0.3 | 2.3 | 0.3 | 2.3 | 0.3 | 2.3 | 2.3 | 2.3 | 2.3 | C-18649 |
| | | | | | | | | | | | | | | | | | | |
| 1981 | L | PROD & SWS | 5 | 5 | 61.0 | 61.0 | 12 | 11 | 1.9 | 2.9 | 0.5 | 0.5 | 68 | CR-5806 | CR-5806 | CR-5806 | CR-5806 | CR-5806 |
| NR | NR | NR | 0 | 0 | NR | NR | 0 | 0 | NR | NR | NR | NR | NR | NR | NR | NR | 4 | CR78116 |
| 1981 | L | PRCD | 1 | 0 | 2.4 | 2.4 | 3 | 0 | 1.1 | 1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | CR10819 |
| 1979 | U | PROD | 1 | 0 | 1.4 | 4.6 | 3 | 2 | 1.3 | 1.5 | 0 | NR | 0 | NR | NR | NR | NR | CR-5792 |
| 1981 | L | PROD | 2 | 2 | 26.0 | 26.0 | 2 | 1 | 0.5 | 0.5 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | CR-6813 |
| | | | | | | | | | | | | | | | | | | |
| 1968 | L | PRCD | 6 | 0 | 36.0 | NR | 14 | 2 | 2.1 | NR | 0.6 | NR | 0.6 | NR | NR | NR | NR | C-5236 |
| 1979 | U | PRCD | 1 | 0 | 0.3 | 0.9 | 3 | 0 | 0.6 | 1.8 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | CR-8793 |
| 1960 | T | PRCD | 4 | 0 | 50.0 | 15545 | 2 | 0 | 0.8 | 118 | 0.8 | 118 | 0.8 | 118 | 118 | 118 | 118 | C-5320 |
| | | | | | | | | | | | | | | | | | | |
| 1954 | T | PROD | 11 | 0 | 120 | 3001 | 9 | 0 | 3.1 | 738 | 3.1 | 132 | C-9081 | C-9082 | C-4034 | C-18678 | C-7775 | CR98118 |
| 1977 | T | PRCD | 1 | 0 | 7.0 | 35.0 | 2 | 0 | 0.1 | 1.1 | 0.1 | 1.1 | | | | | | |
| NR | L | PROD | 1 | 0 | 6.0 | 9.0 | 14 | 0 | 1.5 | 2.5 | 0.7 | 1.0 | NR | NR | NR | NR | NR | CR-18251 |
| 1981 | U | PRCD | 1 | 0 | 1.0 | 1.0 | 21 | 0 | 1.7 | 1.7 | 0 | NR | 0 | NR | NR | NR | NR | CR111814 |
| 1977 | U | PROD | 1 | 0 | 0.6 | NR | 4 | 0 | 0.3 | NR | 0 | NR | 0 | NR | NR | NR | NR | CR111814 |
| 1981 | L | PRCD | 1 | 1 | 0 | 0 | 1 | 2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | CR111814 |
| 1966 | L | PROD | 1 | 0 | 4.4 | 64.6 | 9 | 1 | 1.5 | 21.9 | 0.4 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | C-16459 |
| 1977 | U | PRCD | | | NR | NR | | | NR | NR | NR | NR | NR | NR | NR | NR | 2 | C-18625 |

| OPERATOR ----- LOCATION | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- | |
|--------------------------------------|------------------------|-----------------------|-------------------|--|--|
| MONTGOMERY COUNTY | | | | | |
| COFFEYVILLE-CHERRY FIELD | | | | | |
| HELM 4-32S17E | CR10810 | LONG | D | BARTL 655 25 29.0 | |
| MASEK OIL 23-33S16E | CR-1812 | MCMILLAN | D | ARB 1494 2 26.7 | |
| PETROLEUM ENTERPRISE 25,36-34S15E | C-15114 | BENSON | D | ARB 1200 5 25.0 | |
| RAYMOND BLAES 30,31-31S17E | CR11793 | BLAES-MANGAN | | BARTL 750 7 32.0 | |
| TRIO DEVELOPMENT 30-31S17E | C-18071 | BECKLEY-SMITH | W | BARTL 858 16 34.0 | |
| JEFFERSON-SYCAMORE FIELD | | | | | |
| BRADEN PRODUCTION 36-32S13E | C-4666 | LINN | W | PERU NR NR NR | |
| 30,31-32S14E | | | | | |
| CARL D. WYCKOFF 8-33S14E | C-7077 | ZINSER | D | BARTL 1190 10 34.0 | |
| EARL M CAMPBELL 23-34S15E | CR97914 | GILLMAN | | WAY 354 18 30.5 | |
| ELMORE'S FARMS 13-34S15E | C-18491 | E FARMS | P | SQUIR 400 10 29.0 | |
| ENERGY SOURCES - TUL 5,6-32S15E | CR11772 | CRANE-DAY | W | BARTL 1150 12 38.0 | |
| GADDY-DAVIS 20,21,29-31S16E | C-18129 | TINECKNELL-SWEARINGEN | W | BARTL 850 7 31.0 | |
| LAYTON OIL 18-33S15E | C-14651 | BOLTON EXTENSION | W | BARTL 1186 15 33.0 | |
| LAYTON OIL 13-33S14E | C-13620 | BOLTON EXTENSION | W | BARTL 1170 16 35.0 | |
| 19-33S15E | | | | | |
| MAINLINE USA 3-32S15E | CR-5801 | HEAPE LSE | D | BARTL 1020 20 32.0 | |
| PETROLEUM ENTERPRISE 20,21-31S15E | CR-6777 | SMITH-SHERWIN | D | ARB 1550 3 NR | |
| RICHARD GRAMLY 15-33S15E | CR10815 | WITTUM | D | BARTL 1109 5 34.0 | |
| STEKOLL PETROLEUM 6-33S15E | C-2045 | FIELD NO. 3 | W | BARTL 1160 13 35.0 | |
| STEKOLL PETROLEUM 15,16,21-24S15E | C-7871 | FIELD NO. 2 | W | WAY 450 13 32.0 | |
| SUNRISE OIL 24-34S15E | C-8023 | GILLMAN | W | WAYSIDE 350 14 NR | |
| TUTCHER OIL & GAS | CR-7817 | STEVEN RENCH | D | WAY 238 16 27.0 | |
| 8-35S16E | | | | | |
| NEODESHA FIELD | | | | | |
| GEORGE HEMPEL 11-31S16E | CR-4776 | NANTZ | P | BARTL 911 NR 37.0 | |
| SCRUGUM HOLLOW FIELD | | | | | |
| TEMPLE OIL 17,19,20-32S14E | C-4990 | FOWLER | | WEISER NR NR NR | |
| TYRO FIELD | | | | | |
| COLLINS OIL 18-35S15E | C-18002 | VINSON | D | BARTL 1240 23 34.0 | |

| INJECTION DATA | | | | | | | PRODUCTION DATA | | | | | | | PROJECT | | |
|----------------|------|-------------|-------|-----|---------|------|-----------------|-----|----------|-------------|-------------|------|-------------|--------------------|--|--|
| FIRST YR | TYPE | SOURCE | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC PROD | | NOTES | NO | | |
| | | | YR | WTR | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | TOT | CUM | MB OR(MMCF) | | | |
| | | | | | | | 1982 | | CUM | | 1982 | | 1981 | | | |
| | | | | | | | 1981 | | | | 1981 | | 1981 | | | |
| NR | U | PROD | 2 | 1 | 0 | 0 | 8 | 4 | 4.5 | NR | 0 | 0 | 4 | CR10810 | | |
| 1981 | U | PROD | 1 | 0 | 2.0 | 2.0 | 1 | 0 | 2.8 | 7.4 | 0 | NR | | CR-1812 | | |
| 1970 | U | PROD | 1 | 0 | 146 | NR | 2 | 0 | 1.5 | NR | 0 | NR | | C-15114 | | |
| NR | U | PROD | 1 | 0 | 0.4 | NR | 4 | 1 | 0.8 | NR | 0 | NR | | CR11793 | | |
| 1976 | L | OSWE | 1 | 0 | 0.2 | 67.2 | 9 | 0 | 0.4 | 19.8 | 0.3 | 5.7 | 68 | C-18071 | | |
| | | | | | | | | | | | | | | | | |
| NR | | PROD | 1 | 0 | 9.0 | NR | 11 | 3 | 2.2 | NR | 0 | 0 | | C-4666 | | |
| 1960 | U | PROD | 2 | 0 | 7.2 | 128 | 4 | 0 | 0.8 | NR | 0 | NR | | C-7077 | | |
| 1978 | M | PROD | 2 | 0 | 2.5 | NR | 8 | 1 | 0.8 | 3.6 | 3.0 | 12.0 | | CR97914 | | |
| 1976 | U | PROD | 1 | 0 | NR | 1.4 | 10 | 3 | NR | 1.1 | NR | NR | 69 | C-18491 C-13445 | | |
| 1978 | M | PROD&LKC | 1 | 1 | 1.5 | NR | 3 | 0 | 0.2 | NR | 0 | NR | | CR11772 | | |
| 1975 | U | PROD | 1 | 0 | 3.7 | 54.8 | 2 | 0 | 0.7 | 4.4 | 0 | NR | 70 | C-18129 | | |
| 1968 | U | PROD & ARB | 0 | 0 | 0 | 424 | 4 | 0 | 0.8 | 29.3 | 0 | 0 | | C-14651 | | |
| 1967 | L | PROD & MISS | 10 | 0 | 28.1 | 2048 | 7 | 0 | 0 | 0 | 1.7 | 96.7 | | C-13620 C-10093 | | |
| 1980 | U | PROD | 1 | 0 | 1.5 | 4.0 | 3 | 0 | 0.3 | 1.0 | 0 | NR | 71 | CR-5801 | | |
| 1976 | U | PROD | 1 | 0 | 292 | NR | 10 | 0 | 1.6 | NR | 0 | NR | | CR-6777 | | |
| 1981 | U | PROD | 1 | 0 | 4.7 | 4.7 | 1 | 0 | 0.2 | 0.2 | 0 | 0 | | CR10815 | | |
| 1959 | M | PROD + FR | 6 | 0 | 14.2 | NR | 8 | 0 | 2.0 | NR | 1.5 | NR | | C-2045 | | |
| 1957 | M | PROD + FR | 39 | 0 | 262 | NR | 52 | 2 | 2.1 | NR | 15.6 | NR | | C-7871 | | |
| NR | U | PROD | 1 | 0 | 0 | NR | 17 | 4 | 11.5 | 23.5 | 0 | 0 | | C-8023 | | |
| 1981 | U | PROD | 1 | 0 | 10.0 | 10.0 | 6 | 0 | 0.5 | NR | 0 | NR | | CR-7817 | | |
| | | | | | | | | | | | | | | | | |
| 1977 | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | CR-4776 | | |
| | | | | | | | | | | | | | | | | |
| NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 | C-4990 | | |
| | | | | | | | | | | | | | | | | |
| NR | U | PROD | 0 | 0 | 0 | NR | 3 | 0 | 7.3 | 68.8 | 6.0 | 53.0 | 2 | C-18002 | | |

| OPERATOR ----- LOCATION | PROJECT ----- NO | PROJECT NAME ----- | TYP ----- PRJ | OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV | |
|--------------------------------------|------------------------|-----------------------|---------------------|--|--|
| MONTGOMERY COUNTY | | | | | |
| TYRO FIELD | | | | | |
| COLLINS OIL 4,5-35S15E | C-17353 | COLLINS | W | BARTL 1220 28 33.0 | |
| DIAMOND OIL PROD 9-35S15E | C-14676 | BACHMAN | W | WAY 640 14 30.0 | |
| H & H OIL WELL SERV 3,10-35S15E | C-18298 | TUGGLE | W | BARTL 1200 15 32.0 | |
| H&W PROD 10-35S15E | C-8017 | BURT-DUNBAR | P | BARTL 1180 15 31.0 | |
| L & B OIL 10-35S15E | CR-9805 | FIELDS | W | WAYS NR NR NR | |
| LAYTON OIL 33-34S15E | C-14036 | TYRO UNIT | W | BARTL 1164 17 32.0 | |
| LYON OIL 18-35S15E | CR-1815 | LYON | W | WAYS 302 8 | |
| UNITED WESTERN ENERG 15,16-35S15E | CR11771 | NEWBY-FOLK | W | BART 1216 23 NR | |
| WAYSID-E-HAVANA FIELD | | | | | |
| CHEROKEE OIL PRODUCE 30-55S14E | C-18026 | DAVIDSON | D | WAY 650 10 32.0 | |
| DAVIS OIL 10-34S14E | CR10776 | WATSON | W | WAY 700 20 28.0 | |
| DIAMOND OIL PROD 32-33S14E | C-18020 | MAN TOOTH | W | WAY NR NR NR | |
| DODSON PRODUCTION 26-33S14E | CR11773 | PATTERSON | W | WAY NR NR NR | |
| GATOR OIL 17,20-34S15E | C-10448 | MCCONNELL UNIT | D | WAY 500 20 31.0 | |
| GATOR OIL 25-34S14E | CR-9804 | KOGER | D | BARTL 1350 10 36.0 | |
| H. E. BOOTS 1-34S14E | CR11818 | SMOTHERMAN | P | WAY 615 10 NR | |
| HORTON AND MCKEE OIL 33-33S14E | C-15264 | BERRY | W | WAY 750 20 29.0 | |
| HORTON AND MCKEE OIL 33-33S14E | C-3222 | HAVENER | D | WAY 690 20 29.0 | |
| HORTON AND MCKEE OIL 15-34S14E | C-17885 | KELLENBERGER | D | WEISER 750 20 30.0 | |
| HORTON AND MCKEE OIL 28,33-33S14E | C-11172 | MONTOTTH-DUNHAM | D | WAY 700 20 29.0 | |
| HORTON AND MCKEE OIL 28-33S14E | C-7983 | SMOTHERMAN | W | WAY 700 20 28.0 | |
| LAYTON OIL | C-13726 | WAYSID-E | W | WAY 718 18 30.0 | |
| 5,7,8-34S14E | | | | | |
| 32-35S14E | | | | | |
| LAYTON OIL 4,5-34S14E | C-326 | BRAGG-RIGGLE | W | WAY 660 30 30.0 | |
| LAYTON OIL 35-33S14E | C-13823 | BOAN | W | WAY 650 30 NR | |
| LAYTON OIL 16-34S14E | C-10442 | BERNICE HECHT | W | WISER NR NR NR | |
| LEON R. HARDING 34-33S14E | C-11768 | E.L. COPELAND | NR | NR NR NR NR | |
| NR-LAYSIO | | | | | |
| MAGNA CIL 36-34S14E | CR10802 | BETTS | BARTL | 1358 11 34.0 | |
| MASEK 19-34S14E | CR78118 | KINCAID | D | BURGESS 1542 7 NR | |
| MASEK OIL 29,32-34S14E | CR78111 | BARNETT | E | WEISER 793 18 NR | |

| FIRST YR | TYP | SOURCE | INJECTION DATA | | | | PRODUCTION DATA | | | | PROJECT | | | | |
|----------|------|-------------|----------------|-----|------|------|-----------------|-----|------|------|---------|--------|-------|-----------------------|--|
| | | | WELLS | | VOL | INJ | WELLS | | PROD | VOL | ENHANC | PROD | NOTES | NO | |
| | | | TOT | NEW | MB | OR | (MMCF) | TOT | NEW | MB | CR | (MMCF) | MB | OR (MMCF) | |
| | | | | | 1982 | CUM | | | | 1982 | CUM | | 1982 | CUM | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 1974 | L | PROD | 1 | 0 | 55.0 | 409 | 4 | 0 | 0.1 | 3.2 | 0.1 | 1.5 | | C-17353 | |
| 1955 | U | PROD | 2 | 0 | 11.0 | NR | 9 | 0 | 0.2 | NR | 0.1 | NR | | C-14676 | |
| 1976 | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | C-18298 | |
| 1979 | U | PROD | 1 | 0 | 4.5 | 15.0 | 5 | 2 | 10.2 | 11.7 | NR | NR | | C-8017 | |
| 1980 | U | PROD | | | NR | NR | | | NR | NR | NR | NR | 5 | CR-5805 | |
| NR | T | PROD & TUCK | 8 | 0 | 331 | 2416 | 8 | 0 | 0 | 0 | 3.9 | 44.7 | | C-14036 | |
| NR | U | PROD | 3 | 1 | 15.0 | NR | 14 | 12 | 4.6 | NR | NR | NR | 72 | CR-1815 | |
| 1979 | T | PROD | 1 | 0 | 0.7 | NR | 2 | 0 | 0.4 | NR | NR | NR | | CR11771 | |
| 1980 | U | NR | 1 | 0 | 4.8 | NR | 6 | 2 | 0.4 | 12.2 | 0 | 0 | | C-18026 | |
| 1977 | T | PROD | 2 | 0 | 6.5 | 32.5 | 1 | 0 | 0.3 | 2.4 | 0.3 | 2.4 | | CR10776 | |
| NR | NR | | 5 | 0 | 15.0 | NR | 13 | 0 | 0.6 | NR | 0.3 | NR | | C-18020 | |
| NR | U | PROD | 1 | 0 | 0.5 | 3.0 | 1 | 0 | 0.1 | 0.4 | 0 | NR | | CR11773 | |
| NR | U | PRCD | 3 | 0 | 3.0 | NR | 10 | 0 | 0.1 | NR | NR | NR | | C-10448 | |
| 1980 | U | PROD | 1 | 0 | 1.0 | 2.0 | 3 | 2 | 1.0 | 2.9 | 0 | NR | | CR-9804 | |
| 1981 | U | PROD | 1 | 0 | 7.1 | NR | 15 | 0 | 1.7 | NR | 0 | NR | | CR11818 | |
| NR | NR | | 0 | 0 | 0 | NR | 12 | 0 | 2.2 | 3.2 | 0 | NR | 2 | C-15264 | |
| NR | NR | | 1 | 0 | 0 | NR | 9 | 2 | 2.2 | 3.3 | 0 | NR | 2 | C-3222 | |
| NR | NR | | 1 | 1 | 0 | NR | 8 | 4 | 2.9 | 4.4 | 0 | NR | 2 | C-17885 | |
| NR | PROD | | 2 | 0 | 18.2 | 27.4 | 16 | 3 | 5.5 | 7.7 | 1.8 | 2.7 | | C-11172 | |
| NR | NR | | 0 | 0 | 0 | NR | 2 | 0 | 0.8 | 1.5 | 0 | NR | 2 | C-7983 | |
| 1974 | U | PROD & SWS | 93 | 0 | 749 | 4254 | 98 | 0 | 0 | 0 | 27.1 | 439 | | C-13726 | |
| | | | | | | | | | | | | | | C-10447 C-9034 C-1439 | |
| 1970 | U | PROD | 55 | 0 | 234 | 777 | 43 | 1 | 0 | 0 | 13.9 | 81.0 | | C-326 | |
| 1967 | U | PROD | 1 | 0 | 1.8 | 93.0 | 1 | 0 | 0 | 0 | 0.6 | 5.0 | | C-13823 | |
| NR | NR | | 1 | 0 | 3.6 | 3.6 | 1 | 0 | 0 | 0 | 0.2 | 0.2 | | C-10442 | |
| NR | NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | C-11768 | |
| 1980 | U | PROD | 1 | 0 | 3.5 | 3.5 | 3 | 0 | 0.6 | 0.6 | 0 | NR | 73 | CR10802 | |
| 1981 | U | PROD | 1 | 0 | 0 | 0 | 1 | 2 | 0.3 | 0.5 | 0 | 0 | 4 | CR78118 | |
| 1981 | U | PROD | 3 | 2 | 148 | 148 | 16 | 16 | 7.8 | 7.8 | 0.4 | 0.4 | 74 | CR78111 | |

| OPERATOR | PROJECT | PROJECT NAME | TYP | OIL PRODUCING ZONE | | | |
|----------|---------|--------------|-----|--------------------|-------|-----|------|
| LOCATION | NO | | PRJ | NAME | DEPTH | THK | GRAV |

MONTGOMERY COUNTY
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WAYSIDE-HAVANA FIELD
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| | | | | | | | |
|---------------------------------|---------|--------------|---|---------|-----|----|------|
| MASEK OIL 19-34S14E | CR-9818 | CLARK | D | WEISER | 800 | 10 | NR |
| RAYGARY OIL 20-33S14E | C-18029 | CIRCLE C | P | WISNER | 784 | 14 | 31.0 |
| RAYGARY OIL 34-33S14E | C-4513 | WATSON | P | WAYSIDE | 722 | 20 | 29.0 |
| RAYGARY OIL 34-33S14E | C-18019 | DEFENBAUGH | P | WAYSIDE | 682 | 20 | 29.0 |
| SNUGGS ENERGY 32-33S14E | CR-5788 | WILEY | W | WAY | 690 | NR | 30.0 |
| SLNRISE OIL 12-34S13E | C-11852 | DALBY | W | WAY | NR | NR | NR |
| SLNRISE OIL 13-34S14E | C-17941 | EVANS | W | WAY | NR | NR | NR |
| SUNRISE OIL 27-33S14E | C-17993 | VEITH | W | WAY | 720 | 45 | NR |
| SUNRISE OIL 5-34S14E | C-18598 | KELLENBERGER | W | WAY | NR | NR | NR |
| WAYSIDE PROD 28-33S14E | C-13393 | WEST BLAKE | | WAYSIDE | NR | NR | NR |
| WAYSIDE PROD 28-33S14E | C-13394 | BROWNLEE | | WAYSIDE | NR | NR | NR |
| WAYSIDE PROD 28-33S14E | C-13395 | TUCKER | | WAYSIDE | NR | NR | NR |
| WAYSIDE PROD 27,34-33S14E | C-15387 | EAST BLAKE | | WAYSIDE | NR | NR | NR |
| WAYSIDE PRODUCTION 34-33S14E | C-1168 | COPELAND | P | WAYSIDE | NR | NR | NR |
| WHEELER & HADDEN 18-34S15E | C-16035 | SNELL UNIT | D | WAY | 550 | 30 | 31.9 |

*SEE ALSO LABETTE-MONTGOMERY

MORRIS COUNTY
=====

BOSCH FIELD
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| | | | | | | | |
|-----------------------------|---------|-------|---|--------|------|----|------|
| GEAR PETROLEUM 24-16S 7E | C-17028 | BOSCH | W | HUNTON | 2721 | NR | 24.6 |
|-----------------------------|---------|-------|---|--------|------|----|------|

COMISKEY FIELD
=====

| | | | | | | | |
|-------------------------|---------|----------|---|-------|------|----|----|
| M.L. BROWN 13-16S 9E | C-15416 | PORTER A | D | VIOLA | 2930 | 18 | NR |
|-------------------------|---------|----------|---|-------|------|----|----|

MORTON COUNTY
=====

BERRYMAN FIELD
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| | | | | | | | |
|---|---------|--------------------|---|------|------|----|------|
| LADD PETROLEUM 26,27,34,35-32S41W 2,3,8,9,10,16-33S41W 17-33S41W | C-18039 | BERRYMAN-RICHFIELD | W | MORR | 4925 | 20 | 38.0 |
|---|---------|--------------------|---|------|------|----|------|

ELKHART FIELD
=====

| | | | | | | | |
|---------------------|---------|----------------------|---|------|------|----|------|
| TEXACO 23-35S43W | C-15918 | CARTHAGE NE MORROW A | W | MORR | 4300 | 15 | 40.4 |
|---------------------|---------|----------------------|---|------|------|----|------|

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | | |
|----------------|------|-------------|-------|-----|-----|---------|--------------|-------|-------|-----------------|-----|----------|-------------|-----|--------|---------|-------|---------|-----|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD | NOTES | NO | |
| | | | YR | WTR | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | TOT | NEW | MB OR(MMCF) | CUM | --- | --- | --- | --- | |
| | | | | | | | 1982 | | CUM | | | | 1982 | | CUM | | 1982 | | CUM |
| | | | | | | | /981 | | --- | | | | /981 | | --- | | /981 | | --- |
| 1981 | U | PROD | | | 2 | 2 | 140 | 140 | | 12 | 12 | 2.1 | 2.1 | | 0.1 | 0.1 | | CR-9818 | |
| 1975 | T | PROD | | | 6 | 0 | 17.0 | NR | | 5 | 0 | 1.5 | NR | | 0.7 | NR | | C-18029 | |
| 1976 | T | PROD | | | 1 | 0 | 1.4 | NR | | 3 | 0 | 1.8 | NR | | 0.3 | NR | | C-4513 | |
| 1975 | U | PROD | | | 2 | 0 | 4.8 | NR | | 16 | 2 | 4.5 | NR | | 0.4 | NR | | C-18019 | |
| 1979 | U | PROD | | | | | | | | | | | | | | | | CR-5788 | |
| NR | U | PROD | | | 2 | 1 | 3.7 | 4.8 | | 10 | 0 | 2.0 | 3.2 | | 0 | NR | | C-11852 | |
| NR | U | PROD | | | 1 | 0 | 0 | 0 | | 5 | 0 | 0.6 | 1.2 | | 0 | 0 | | C-20381 | |
| NR | U | PROD | | | 1 | 0 | 0 | NR | | 21 | 18 | 4.0 | 6.1 | | 0 | 0 | | C-17941 | |
| NR | U | PROD | | | 1 | 0 | 0 | 0 | | 5 | 0 | 3.0 | 6.6 | | 0 | 0 | | C-18598 | |
| NR | NR | | | | 1 | 0 | 3.8 | NR | | 1 | 0 | 1.8 | NR | | NR | NR | 74 | C-13393 | |
| NR | NR | | | | 3 | 0 | 21.6 | NR | | 7 | 0 | 3.5 | NR | | 0 | 0 | 75 | C-13394 | |
| NR | NR | | | | 2 | 0 | 18.0 | NR | | 3 | 0 | 1.5 | NR | | 0 | NR | 76 | C-13395 | |
| NR | NR | | | | 1 | 0 | 18.0 | NR | | 3 | 0 | 0.5 | NR | | NR | NR | 77 | C-15387 | |
| NR | U | PROD | | | 3 | 0 | 0.3 | NR | | 11 | 0 | 1.6 | NR | | NR | NR | | C-1168 | |
| 1971 | U | PROD | | | 5 | 0 | 4.3 | 53.6 | | 33 | 2 | 9.1 | 113 | | 2.9 | 12.4 | | C-16035 | |
| 1973 | M | PROD | | | 2 | 0 | 378 | NR | | 2 | 0 | 3.3 | NR | | 3.3 | 0 | | C-17028 | |
| 1970 | T | PROD | | | 1 | 0 | 832 | 4566 | | 1 | 0 | 4.6 | 122 | | 0 | 0 | | C-15416 | |
| 1976 | F | FR&PROD | | | 11 | 0 | 907 | 12371 | | 13 | 4 | 444 | 4615 | | 444 | 1589 | | C-18039 | |
| 1971 | M | PROD & OGLA | | | 1 | 0 | 14.2 | 1257 | | 2 | 0 | 4.8 | 116 | | 4.8 | 116 | | C-15918 | |

| OPERATOR LOCATION | PROJECT NO | PROJECT NAME | TYP PRJ | OIL PRODUCING ZONE | | | |
|---|---------------|-----------------------|------------|--------------------|-------|-----|------|
| | | | | NAME | DEPTH | THK | GRAV |
| MORTON COUNTY | | | | | | | |
| ELKHART WEST FIELD | | | | | | | |
| POWELL & STONE 15-35S43W | CR-4801 | PRITCHETT | D | MORR | 4270 | 20 | 40.0 |
| GREENWOOD GAS AREA FIELD | | | | | | | |
| ECWIN L. & B. P. COX 13,24-35S42W 18,19-35S41W 13,14,24- 6N11E | CR-6804 | N. W. FLATS UNIT | W | MORROW | 4850 | 17 | 40.0 |
| INTERSTATE FIELD | | | | | | | |
| ANADARKO PRODUCTION 05-35S43W | C-13442 | WEBSTER C | | MRRW | | | |
| ANADARKO PRODUCTION 8,9,16,17,20-34S43W 21,28,29,31,32-34S43W | C-11602 | INTERSTATE PURDY UT | W | PURDY | 4192 | 35 | 39.0 |
| ANADARKO PRODUCTION 26,27-35S42W 2-35S42W | C-15849 | TALOGA MORROW G UNIT | W | MORR | 4454 | 11 | 43.5 |
| TALOGA SOUTH FIELD | | | | | | | |
| CITCO 1,10,11,12,13-35S42W 14-35S42W | C-13899 | MORROW G SAND UNIT | W | MORR | 4553 | 14 | 39.0 |
| WILBURTON FIELD | | | | | | | |
| CITCO 28,29,32,33-34S41W | C-12571 | WILBURTON MORROW C | P | MORR | 4900 | 20 | 40.2 |
| CITCO 5-35S41W | C-13848 | WILBURTON MORROW UT | W | MORR | 5050 | 1 | 40.2 |
| NEOSHO COUNTY | | | | | | | |
| BENEDICT FIELD | | | | | | | |
| LAYTON OIL 9-28S19E | C-10473 | EMPLOYERS REINSURANCE | W | BARTL | NR | NR | NR |
| ERIE FIELD | | | | | | | |
| BRANDES OIL 22-28S19E | CR-5804 | VAN SICKLE | W | BARTL | 600 | 12 | 25.0 |
| EXCEL OIL COMPANY 23,24,26-28S19E | C-10686 | KNIGHT-BAKER | P | BARTL | 500 | 15 | 28.0 |
| EXCEL OIL COMPANY 24,25-28S19E 19,20-28S20E | C-10687 | HARDING ET AL | P | BARTL | 500 | 15 | 27.0 |
| GRAYBOL-PATTON 10,11,14-28S19E | C-15761 | HUDSON UNIT | W | BARTL | 600 | 15 | 32.0 |
| GRAYBOL-PATTON 13,18-28S19E | C-15249 | KINNE UNIT | W | BARTL | 600 | 15 | 32.0 |
| GRAYBOL-PATTON 13-28S19E | C-11382 | SHAW UNIT | W | BARTL | 600 | 15 | 32.0 |
| HAROLD FADLEY 14,15,22-28S19E | C-3405 | SHAW UNIT | P | BARTL | NR | NR | NR |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | | |
|----------------|------|-------------|-------|-----|------|---------|------|------|--------|-----------------|------|----------|-----|-------------|------|---------|-----------|--|--|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | ENHANC PROD | | NOTES | NO | | |
| | | | YR | WTR | TOT | NEW | MB | OR | (MMCF) | TOT | NEW | MB | CR | (MMCF) | MB | OR | (MMCF) | | |
| | | | | | | | 1982 | | CUM | | | 1982 | | CUM | 1982 | | CUM | | |
| | | | | | | | 1981 | | | | | 1981 | | | 1981 | | | | |
| 1980 | T | PROD | | | 1 | 0 | 142 | 208 | | 1 | 0 | 8.1 | 182 | 8.1 | 142 | | CR-4801 | | |
| 1981 | | PROC | | | 5 | 0 | 926 | 926 | 19 | 0 | 48.3 | 112 | 0 | NR | | | CR-6904 | | |
| NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 C-13442 | | |
| 1965 | M | PRCD | 17 | 0 | 7693 | 109627 | 30 | 9 | 418 | 22981 | 418 | 15813 | | | | | C-11602 | | |
| 1971 | M | PROC & OGLA | 1 | 0 | 188 | 4993 | 3 | 0 | 13.1 | 616 | 13.1 | 86.6 | | | | | C-15849 | | |
| 1965 | M | PROD & OGLA | 7 | 0 | 1045 | 10156 | 7 | 0 | 57.1 | 1237 | 57.1 | 1237 | | | | | C-13899 | | |
| 1966 | M | PRCC & OGLA | 3 | 0 | 26.9 | 1632 | 1 | 0 | 1.5 | 159 | 1.5 | 159 | | | | | C-12571 | | |
| 1968 | M | PROD & OGLA | 8 | 0 | 1754 | 23460 | 14 | 0 | 198 | 7466 | 198 | 7466 | | | | | C-13848 | | |
| 1974 | T | PROD | | | 2 | 0 | 11.0 | 11.0 | 6 | 0 | 0 | 0 | 0.6 | 0.6 | | | C-10473 | | |
| 1981 | T | PROC | 7 | 0 | 158 | 158 | 22 | 5 | 7.9 | 25.7 | 1.8 | 1.8 | | | | | CR-5804 | | |
| 1962 | M | PROD&FR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | | | C-10686 | | |
| 1962 | M | PROC&FR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | | | C-10687 | | |
| 1970 | M | PROD & FR | 14 | 0 | 95.7 | NR | 26 | 0 | 5.0 | 156 | 5.0 | 156 | | | | | C-15761 | | |
| 1969 | M | PRCD & FR | 11 | 0 | 118 | 2180 | 17 | 0 | 4.9 | 215 | 4.9 | 215 | | | | | C-15249 | | |
| 1963 | M | PROD & FR | 2 | 0 | 24.9 | 873 | 4 | 0 | 0.5 | 25.7 | 0.5 | 25.7 | | | | | C-11382 | | |
| NR | U | PRCD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | | | C-3405 | | |

| OPERATOR | PROJECT | PROJECT NAME | TYP | OIL PRODUCING ZONE | | | |
|--|---------|-------------------|-----|--------------------|-------|-----|------|
| LOCATION | NO | | PRJ | NAME | DEPTH | THK | GRAV |
| NEOSHO COUNTY | | | | | | | |
| ERIE FIELD | | | | | | | |
| JAY EVANS 27-28S20E | C-15675 | MAPHIES | W | BARTL | 520 | 8 | 32.0 |
| LAVERNE WORLEY 2-29S20E | C-17765 | STEGMAN | W | BARTL | 550 | 11 | 32.0 |
| OIL AND GAS SERVICES 34,35,36-28S20E | CW-3781 | ERIE PROJECT | W | BARTL | 500 | 14 | 31.0 |
| WINDER & WINDER 30-28S20E | CR-9808 | ROBERTS | | BARTL | 525 | 10 | 32.0 |
| WINDER & WINGER 19-28S20E | C-17010 | L.J. RICHARD | | BARTL | 535 | 20 | 32.0 |
| HUMBOLDT-CHANUTE FIELD | | | | | | | |
| CACHE OIL 13-27S18E | C-4501 | BLUME | | BARTL | 780 | 15 | 32.0 |
| E O R PETROLEUM 1,2,10,11,12-27S18E 14,15,21,22-27S18E 6,7-27S19E 26,27-27S18E | C-741 | RUSSELL BLOCK | W | BARTL | 700 | 20 | 32.0 |
| EDWIN L. DANIELS 35-26S18E | CR-2802 | M & L JOHNSON | D | BARTL | 800 | 10 | 30.0 |
| F.B. SHOOK 6-27S19E | C-18363 | BURRIS | P | BARTL | 740 | 6 | 31.0 |
| GRAYBOL-PATTON 33,34-27S19E 3-28S19E | C-17823 | LA RUE | W | BARTL | 740 | 10 | 32.0 |
| HADLEY A. WAIT 19-28S18E | CR-9779 | DALEY | D | BARTL | 800 | 15 | 32 |
| KANTANA RESOLRCES 1,12-28S17E | CR10813 | | D | BARTL | 810 | 130 | 23.0 |
| KLI PETROLEUM 23,24-27S19E | C-18660 | CLAUS-WALTERMIRE | D | BARTL | 750 | NR | NR |
| LAVERNE WORLEY 14-28S18E | C-17053 | SOUTH CADDO | W | BARTL | 970 | 25 | 32.0 |
| L. F. KEPLEY OIL ACC 2-28S17E | CR-6816 | KEPLEY TUCKER | D | TUCKER | 885 | 155 | NR |
| L.F. KEPLEY OIL ACCT 2-28S17E | C-18268 | KEPLEY | W | SGU&CAT | 820 | 28 | NR |
| MAX L. ALCOCK 25-27S17E | C-11784 | WASSER-BOWER | W | BARTL | 880 | 11 | 32.0 |
| NEOSHO OIL & GAS 20,28,29-27S19E | CR-2809 | CECIL WATTS UT | W | BARTL | 750 | 20 | 32.0 |
| NEOSHO OIL & GAS | CR-7794 | REINHARDT-DILLION | W | BARTL | 850 | 20 | 32.0 |
| MC CUNE WEST FIELD | | | | | | | |
| HICKORY CREEK OIL 26,27,34,35-30S21E 3,4-31S21E | CR97918 | GRAY | P | CHER | 184 | 10 | 28.0 |

| FIRST YR | TYPE | SOURCE | INJECTION DATA | | | | PRODUCTION DATA | | | | PROJECT | | | |
|----------|------|-------------|----------------|-----|--------------|-----|-----------------|-----|-------------|-------------|---------|-------|------|------------|
| | | | WELLS | | VOL | INJ | WELLS | | PROD VOL | ENHANC | PROD | NOTES | NO | |
| | | | TOT | NEW | MB OR (MMCF) | | TOT | NEW | MB CR(MMCF) | MB OR(MMCF) | | | | |
| | | | | | 1982 | CUM | | | 1982 | CUM | 1982 | CUM | | |
| | | | | | /981 | | | | /981 | | /981 | | | |
| 1975 | M | PROD&FR | 3 | 0 | 25.0 | | NR | 11 | 0 | 2.5 | NR | 2.0 | NR | C-15675 |
| 1980 | T | PROD | | | | | | | | | | | | C-17765 |
| NR | U | PROD | 30 | 0 | 140 | | 500 | 59 | 0 | 5.5 | NR | 5.5 | 25.9 | CR-3781 |
| 1980 | U | PROD | 3 | 0 | 54.8 | | NR | 10 | 0 | 1.4 | NR | 0 | NR | CR-9808 |
| NR | U | PROD | 10 | 0 | 30.5 | | NR | 10 | 1 | 1.4 | NR | 0 | NR | C-17010 |
| 1980 | U | PROD | NR | NR | NR | | NR | NR | NR | NR | NR | NR | NR | C-4501 |
| 1974 | M | PROD & ARB | 31 | 0 | 122 | | 5714 | 343 | 0 | 5.0 | 97.3 | 5.0 | 97.3 | C-290 |
| | | | | | | | | | | | C-514 | C-290 | 78 | C-741 |
| | | | | | | | | | | | C-264 | C-11 | | |
| 1978 | U | PROD | 1 | NR | 3.7 | | 5.9 | 4 | 3 | 1.6 | 3.1 | 0 | NR | CR-2802 |
| 1976 | U | PROD | 1 | 0 | 2.2 | | NR | 6 | 0 | 0.9 | NR | 0 | NR | C-18363 |
| 1978 | M | PROD & FR | 5 | 1 | 82.1 | | 154 | 38 | 5 | 11.8 | 56.7 | 3.0 | 3.0 | C-17823 |
| 1977 | U | PROD | 1 | 0 | 3.0 | | 14.0 | 3 | 0 | 0.5 | 3.3 | 0.1 | 0.3 | CR-9779 |
| 1981 | U | PROD | 3 | 0 | 7.3 | | 9.1 | 20 | 4 | 8.1 | 9.4 | NR | NR | CR10813 |
| NR | U | PROD | 1 | 0 | 0 | | NR | 6 | 0 | 0.3 | 0.4 | 0 | 0 | 2 C-18660 |
| 1978 | U | PROD | NR | NR | NR | | NR | NR | NR | NP | NR | NR | NR | C-17053 |
| 1981 | U | PROD | 1 | 1 | 46.0 | | 46.0 | 1 | 1 | 0.4 | 0.4 | 0.4 | 0.4 | CR-6816 |
| 1976 | T | PROD & TUCK | 4 | 0 | 26.1 | | 132 | 7 | 4 | 2.1 | 6.6 | 2.1 | 6.6 | C-18268 |
| NR | T | PROD & DISP | 7 | 0 | 33.2 | | 57.2 | 16 | 1 | 2.6 | 6.5 | 0.3 | 0.7 | C-11784 |
| 1979 | T | MISS | 4 | 0 | 32.6 | | 77.0 | 6 | 0 | 1.5 | 5.0 | 1.5 | 5.0 | CR-2809 |
| 1973 | T | MISS | 2 | 0 | 27.8 | | 71.0 | 4 | 0 | 1.2 | 2.9 | 1.2 | 2.9 | CR-7794 |
| NR | T | PROD | 1 | 0 | 3.5 | | NR | 4 | 0 | 0.5 | NR | 0.5 | NR | C-4121 |
| 1978 | T | PROD | 1 | 0 | 4.0 | | NR | 3 | 0 | 0.5 | NR | 0.5 | NR | CR-7781 |
| 1976 | U | PROD | 4 | 0 | 14.6 | | NR | 8 | 0 | 117 | NR | 0 | NR | 79 CR-4784 |
| 1980 | U | PROD & MISS | 20 | 0 | 90.0 | | 120 | 74 | 10 | 10.8 | 15.9 | 2.0 | 2.0 | CR-3803 |
| 1978 | U | PROD | 2 | 0 | 18.3 | | NR | 4 | 2 | 1.4 | NR | 0 | NR | CR-4787 |
| 1979 | U | PROD & MISS | 75 | 0 | 921 | | 1232 | 88 | 0 | 44.8 | 87.9 | 44.8 | 85.6 | CR97918 |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL NAME ----- | PRODUCING ZONE DEPTH THK GRAV ----- |
|--|------------------------|-----------------------|-------------------|----------------------|---|
| NEOSHO COUNTY ===== | | | | | |
| ST. PAUL WALNUT FIELD | | | | | |
| KLI PETROLEUM 17-29S21E | C-8870 | O'BRIEN | D | BARTL | 410 NR NR |
| ST. PAUL-WALNUT FIELD | | | | | |
| DRILEX OIL & GAS 33-28S21E | C-8930 | VAN LEEUWEN-DENT | W | BARTL | 400 10 30.0 |
| ELECTROFRAC CORP 21-29S21E | C-7703 | BABCOCK | | PERU | 200 20 27.0 |
| THAYER FIELD | | | | | |
| LAMCO ENERGY 25,26-29S17E | C-8338 | THAYER UNIT | D | BARTL | 930 E 34.0 |
| NE MAC 36-29S17E | CR-2814 | NE MAC | W | WEISER | 468 24 |
| OIL FIELD MANAGEMENT 30-30S18E | CW-3782 | THAYER WF ? | W | BARTL | 850 20 27.0 |
| TRENT FIELD | | | | | |
| DRILEX OIL & GAS 23-28S20E | C-10766 | BLAINE ET AL | W | BARTL | 470 10 29.0 |
| ERIE OIL 22-28S20E | C-8145 | EDWARD STANLEY | W | BARTL | 475 16 29.0 |
| FRANCIS GROSCLIDIER 15-28S20E | C-13611 | SCHUMISCH UR | W | BARTL | 500 25.0 |
| JACKSON OIL 22-28S20E | C-16939 | YARNELL | W | BARTL | 480 20 20.0 |
| JACKSON OIL 22-28S20E | C-8378 | MCDERMED | W | BARTL | 480 20 30.1 |
| JAY EVANS 23-28S20E | C-7073 | DAGETT-HAZEN | W | BARTL | 500 E 29.0 |
| RAM ROD OIL 28-28S20E | CR-2812 | CAMPBELL | W | BARTL | 490 10 32.0 |
| TRENT EAST FIELD | | | | | |
| JACKSON OIL 29-28S21E | C-9986 | CASADY | W | BARTL | 380 20 31.0 |
| URBANA FIELD | | | | | |
| VERA CRUZ PETROLEUM | CR-1814 | FOWLER-HEILMAN | W | BARTL | 765 NR NR |
| 1-29S18E 6-29S19E | | | | | |
| WALNUT FIELD | | | | | |
| L & L OIL 29-28S21E | CR-1782 | HOAGLAND | P | BARTL | 395 14 28.0 |
| WILLIS FIELD | | | | | |
| KANTANA RESOURCES 1,12-28S17E | CR10813 | R.M. WILLIS | D | BARTL | 810 130 23.0 |
| *SEE ALSO ALLEN-NEOSHO | | | | | |
| NESS COUNTY ===== | | | | | |
| ALDRICH FIELD | | | | | |
| CONOCO 7,8-18S25W | C-8805 | ALDRICH | W | MISS | 4350 12 36.1 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|-------------|------------|-------|-----|--------------|---------|-----|--------------|-------|-----------------|--------------|----------|-----|-------------|-----------------------|---------------------|------------------|----|
| FIRST YR | TYPE WTR | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC MB OR(MMCF) | PROD MB OR(MMCF) | NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | CUM | --- | --- | | | | |
| | | | | | 1982 --- | | | 1982 --- | | | 1982 --- | CUM | | 1982 --- | 1982 --- | | | |
| | | | | | 1981 | | | 1981 | | | 1981 | | | 1981 | | | | |
| NR | U | PROD | 2 | 0 | 0.2 | 26.5 | 12 | 1 | 0.3 | 0.6 | 0 | 0 | | | | | C-8870 | |
| 1966 | M | PROD | 36 | 0 | 40.0 | 1000 | 40 | 0 | 4.0 | 70.0 | 3.0 | 60.0 | | | | | C-8930 C-4612 | |
| NR | | NR | 2 | 0 | 1.0 | 3.0 | 14 | 0 | 0.2 | 0.7 | 0.1 | 0.3 | 80 | | | | C-7703 | |
| 1976 | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | | | C-8338 | |
| 1981 | U | PROD | 1 | 0 | 0.7 | NR | 1 | 1 | 2.8 | NR | 0.2 | NR | | | | | CR-2814 | |
| 1978 | L | PROD | 2 | 0 | 54.7 | 272 | 25 | 1 | 2.6 | 12.9 | 2.6 | 12.9 | | | | | CW-3782 | |
| 1967 | T | PROD | 8 | 0 | 30.0 | NR | 40 | 1 | 6.0 | 50.0 | 5.0 | 50.0 | | | | | C-10766 | |
| NR | M | PROD & FR | 9 | 0 | 30.0 | 223 | 12 | 0 | 1.4 | 61.7 | 1.4 | NR | | | | | C-8145 | |
| NR | U | PROC | 0 | 0 | 0 | NR | 6 | 0 | 0.7 | NR | 0 | NR | 80 | | | | C-13611 | |
| 1976 | T | PROD & ARB | 44 | 0 | 70.2 | 362 | 74 | 2 | 11.3 | 43.7 | NR | NR | | | | | C-10939 | |
| 1968 | T | PRCC & ARB | 13 | 0 | 30.0 | 342 | 22 | 5 | 4.5 | 50.1 | NR | NR | | | | | C-8378 | |
| NR | U | PROD&ARB | 10 | 0 | 3.6 | NR | 14 | 3 | 2.4 | NR | 1.8 | NR | | | | | C-7073 | |
| 1980 | L | PRCD | 1 | 0 | 1.8 | NR | 12 | 5 | 2.5 | NR | 0 | 0 | | | | | CR-2812 | |
| 1973 | T | PRCC & ARB | 30 | 0 | 32.9 | 2415 | 63 | 0 | 12.0 | 393 | NR | NR | | | | | C-9586 | |
| NR | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 4 | | | | CR-1814 | |
| NR | M | PRCD | 4 | 0 | 0.2 | NR | 7 | 0 | 0.2 | NR | 0.2 | NR | | | | | CR-1782 | |
| 1981 | U | PRCD | 3 | 0 | 7.3 | 9.1 | 20 | 4 | 8.1 | 9.4 | 0 | NR | | | | | CR10813 | |
| 1968 | L | PRCD | 1 | 0 | 231 | 2801 | 3 | 0 | 8.1 | 127 | 8.1 | 77.1 | | | | | C-8805 | |

| OPERATOR | PROJECT NO | PROJECT NAME | TYP | OIL PRODUCING ZONE | | | |
|--|------------|-----------------|-----|--------------------|-------|-----|------|
| LOCATION | | | PRJ | NAME | DEPTH | THK | GRAV |
| NESS COUNTY | | | | | | | |
| ALDRICH FIELD | | | | | | | |
| HILLEBURG OIL 22,23,24-18S26W | C-7632 | ALDRIDGE | D | MISS | 4430 | 8 | 36.0 |
| FALOMINO PETROLEUM 4-18S25W | CR12773 | REED | | MISS | 4300 | 10 | 38.0 |
| FALOMINO-REED OIL 27,33,34-17S25W | C-18583 | PALOMINO-REED | | MISS | 4303 | 6 | 37.0 |
| TENNECO 8-18S25W | C-7751 | EVERETT | D | MISS | 4390 | 37 | 35.7 |
| THORNTON E. ANDERSON 22-18S26W | C-9920 | EDWARDS | D | MISS | 4500 | 10 | 37.0 |
| ALDRICH NORTHEAST FIELD | | | | | | | |
| GRIGGS OIL 26-17S25W | C-13484 | SHEARER B | P | MISS | 4300 | 30 | 37.0 |
| BELLESPIRE FIELD | | | | | | | |
| WALTERS DRILLING 22-16S21W | C-14896 | RYAN | P | CHER | 4260 | 15 | 33.0 |
| DICKMAN FIELD | | | | | | | |
| WALTERS DRILLING 8,17,18-17S24W | C-10347 | DICKMAN | P | MISS | 4500 | 40 | 35.0 |
| DICKMAN SOUTHEAST FIELD | | | | | | | |
| FALOMINO PETROLEUM 16,21-17S24W | CR-7776 | HABIGER-KEILMAN | D | MISS | 4393 | 10 | 36.0 |
| KEILMAN NO. FIELD | | | | | | | |
| FALOMINO PETROLEUM 20-17S24W | CR-8806 | GERSTNER "C" | D | CHER | 4337 | 45 | 35.0 |
| MINER FIELD | | | | | | | |
| THUNDERBIRD DRILLING 13-18S24W 18-18S23W | CR-3805 | MINER UNIT | W | MARM | 4079 | 10 | 43.0 |
| NIRVANA FIELD | | | | | | | |
| LEBEN OIL 23-18S24W | C-16067 | DEBES | | MISS | 4310 | 2 | NR |
| PETERSILIE FIELD | | | | | | | |
| CONOCO 30-20S24W | CR77713 | PETERSILIE, SE | W | MISS | 4319 | 19 | 36.4 |
| GULF 14-20S24W | C-10676 | PETERSILIE | P | MISS | 4388 | 22 | 38.0 |
| MELTZER OIL 14-20S24W | C-17321 | PETERSILIE | D | MISS | 4406 | 4 | 36.0 |
| PRAIRIE RIDGE FIELD | | | | | | | |
| EMPIRE DRILLING 7-16S26W | C-17417 | ARMSTRONG | P | MISS | 4520 | NR | 37.8 |

| INJECTION DATA | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|------|------------|-------|-----|-------------------------|-----------------|-----|-------------------------|------|-----------------------|-------------|---------|-----------|
| FIRST YR | TYPE | SOURCE | WELLS | | VOL INJ MB OR (MMCF) | WELLS | | PROD VOL MB CR(MMCF) | | ENHANC MB OR(MMCF) | PROD CUM | NOTES | NO |
| | | | TOT | NEW | | TOT | NEW | 1982 | CUM | | | | |
| | | | | | 1982 | CUM | | 1982 | CUM | 1982 | CUM | | |
| | | | | | (981) | | | (981) | | (981) | | | |
| NR | L | PROD | 1 | 0 | 350 | NR | 10 | 0 | 17.1 | NR | 0 | NR | C-7632 |
| 1978 | U | PROD | 1 | 0 | 150 | 400 | 6 | 1 | 13.2 | 61.1 | 0 | 0 | C-4276 |
| 1976 | T | PROD & DAK | 1 | 0 | 67.5 | 351 | 6 | 0 | 12.0 | 90.4 | 12.0 | 90.4 | CR12773 |
| 1955 | T | PROD | 1 | 0 | 54.0 | NR | 1 | 0 | 1.2 | 30.0 | 1.2 | NR | C-7751 |
| 1963 | U | PROD | 1 | 0 | 10.0 | 280 | 1 | 0 | 1.2 | 72.1 | 0.3 | 1.0 | C-9920 |
| 1967 | U | PROD | 1 | 0 | 256 | NR | 4 | 0 | 13.6 | NR | NR | NR | C-13484 |
| NR | U | PROD | 1 | 0 | 58.5 | NR | 1 | 0 | 6.3 | NR | 3.1 | NR | C-14896 |
| 1963 | U | PROD | 1 | 0 | 400 | NR | 8 | 0 | 17.3 | NR | 8.7 | NR | C-10347 |
| 1977 | U | PROD | 1 | 0 | 33.6 | 149 | 3 | 0 | 5.5 | 68.4 | 0 | 0 | CR-7776 |
| 1960 | L | PROD | 1 | 0 | 55.1 | 77.2 | 3 | 1 | 33.2 | 41.1 | 0 | 0 | CR-8806 |
| 1980 | T | CHER | 2 | 0 | 340 | 566 | 8 | 0 | 5.8 | 479 | 0 | 0 | CR-3805 |
| 1971 | T | PROD | 1 | 0 | 15.3 | 92.9 | 1 | 0 | 0.6 | 23.7 | 0 | NR | C-16067 |
| 1977 | U | PROD | 0 | 0 | 0 | 194 | 4 | 0 | 8.2 | 33.8 | 0 | 25.6 | 2 CR77713 |
| 1964 | U | PROD | 1 | 0 | 101 | 1748 | 2 | 0 | 5.5 | 425 | 5.5 | 425 | C-10676 |
| 1974 | L | PROD | 1 | 0 | 46.5 | NR | 4 | 0 | 3.5 | NR | NR | NR | C-17321 |
| 1974 | T | PROD | 1 | 0 | 18.3 | 103 | 1 | 0 | 5.4 | 240 | 1.7 | 10.4 | C-17417 |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ ----- | OIL PRODUCING ZONE | | | |
|---|------------------------|-----------------------|---------------------|--------------------|----------------|--------------|---------------|
| | | | | NAME ----- | DEPTH ----- | THK ----- | GRAV ----- |
| NESS COUNTY ===== | | | | | | | |
| STUTZ EAST FIELD ----- | | | | | | | |
| OIL PROPERTY MGT 8,9,10,16-17S25W | C-17407 | RUPP F | P | MISS | 4440 | 20 | 37.0 |
| SUNSHINE FIELD ----- | | | | | | | |
| FALOMINO PETROLEUM 7-15S24W 12-15S25W | CR-7774 | MCDONALD | D | MISS | 4390 | 10 | 38.0 |
| NORTON COUNTY ===== | | | | | | | |
| HANSEN ESTATE FIELD ----- | | | | | | | |
| LEBEN OIL 2-5S22W | C-15718 | HANSEN EST | W | GORHAM | 3500 | 9 | NR |
| HARTING FIELD ----- | | | | | | | |
| ROBERT E. DAVIS 2- 4S23W | C-17985 | HARTING | W | REAGAN | 3701 | 10 | 28.0 |
| HEWITT FIELD ----- | | | | | | | |
| BAIRD OIL 11- 4S21W | CR28013 | NUTTYCOMB | P | KC | 3500 | 200 | 36.0 |
| OSAGE COUNTY ===== | | | | | | | |
| LAST CHANCE FIELD ----- | | | | | | | |
| ALCO DRILLING 31-18S15E | CR28017 | BRANDON | P | BARTL | 1500 | 20 | 34.0 |
| OSBORNE COUNTY ===== | | | | | | | |
| NATOMA FIELD ----- | | | | | | | |
| GRAHAM-MICHAELIS 19,30-10S15W | CR10782 | LOCKE-LOCKE BROS | D | CCNGL | 3600 | 20 | NR |
| PAWNEE COUNTY ===== | | | | | | | |
| BADGER HILL FIELD ----- | | | | | | | |
| WALTERS DRILLING 7-23S18W | C-16981 | ZUGG | P | LKC | 4044 | 8 | 40.0 |
| BENSON FIELD ----- | | | | | | | |
| CITCO 31,32-23S15W | C-6115 | BENSON UNIT SE | W | LKC | 3700 | 35 | 41.0 |
| DUNES NORTH FIELD ----- | | | | | | | |
| KAISER-FRANCIS 15-22S15W | C-18063 | FERTIG B | D | LKC | 3512 | 231 | 41.0 |

| INJECTION DATA | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|-----|-----------|-------|---------|--------------|-----------------|----------|--------------|--------------|-------|-----|---------|-----------|
| FIRST YR | TYP | SOURCE | WELLS | VOL INJ | | WELLS | PROD VOL | ENHANC | PROD | NOTES | NO | | |
| YR | WTR | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | MB OR (MMCF) | CUM | | | |
| | | | | | | | | | | | | | |
| | | | | | 1982 | CUM | | 1982 | CUM | 1982 | CUM | | |
| | | | | | 1981 | --- | | 1981 | --- | 1981 | --- | | |
| 1974 | T | PROD | 1 | 0 | 174 | 1179 | 12 | 0 | 36.1 | 425 | 9.8 | 34.5 | C-17407 |
| 1977 | U | PROD | 1 | 0 | 38.0 | 170 | 4 | 1 | 7.5 | 34.5 | 0 | 0 | CR-17774 |
| 1974 | T | PROD | 1 | 0 | 24.0 | 84.0 | 8 | 2 | 16.4 | 133 | 0 | NR | C-15718 |
| 1975 | U | PROD | 0 | 0 | 0 | 154 | 3 | 0 | 3.9 | 138 | 0 | NR | 2 C-17985 |
| 1980 | T | PROD | 1 | 0 | 68.4 | 123 | 3 | 0 | 7.1 | 32.2 | 7.1 | 22.0 | CR28013 |
| 1979 | T | PROD | 1 | 0 | 91.1 | 197 | 2 | 0 | 4.3 | 7.4 | NR | NR | CR28017 |
| 1978 | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 2 CR10782 |
| 1973 | U | PROD | 1 | 0 | 86.3 | NR | 3 | 0 | 10.4 | NR | 5.2 | NR | C-16981 |
| 1958 | M | PROD & FR | 2 | 0 | 110 | 9024 | 2 | 0 | 4.7 | 890 | 4.7 | 355 | C-6115 |
| NR | T | PROD | 1 | 0 | 4.4 | 32.4 | 1 | 0 | 1.1 | 76.0 | 0.6 | 2.8 | C-18063 |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ ----- | OIL PRODUCING ZONE | | | |
|--|------------------------|-----------------------|---------------------|--------------------|-------|-----|------|
| | | | | NAME | DEPTH | THK | GRAV |
| PAWNEE COUNTY ===== | | | | | | | |
| GARFIELD FIELD ----- | | | | | | | |
| A.L. ABERCROMBIE 15-23S17W | C-13723 | FERTIG | D | MISS | 4220 | 30 | 35.0 |
| A.L. ABERCROMBIE 9-23S17W | C-8878 | HUTCHISON D | D | MISS | 4228 | 26 | 35.0 |
| CHAPMAN EXPL 15,20-23S17W | C-17291 | SHOEMAKE | W | MISE | 4300 | 10 | NR |
| M.L. BROWN 16,17,18,30-23S17W | C-12708 | GARFIELD UNIT | | NR | NR | NR | NR |
| M.L. BROWN 16,17,18,20,21-23S17W | C-10116 | GARFIELD | P | MISEMIS | 4300 | 30 | 37.0 |
| HURRAY FIELD ----- | | | | | | | |
| A. SCOTT RITCHIE 2-22S15W | C-17322 | COMPTON | P | ARB | 3947 | 103 | 50.0 |
| F & M OIL 34-21S15W | CR11803 | SCHARTZ | P | ARB | 4013 | 10 | 30.3 |
| LOVETT FIELD ----- | | | | | | | |
| LEBEN OIL 35-22S15W | C-17123 | GUFFY | | TCP-LKC | 3686 | 6 | NR |
| ODO NORTHWEST FIELD ----- | | | | | | | |
| NCRA 5-20S15W | C-14971 | VAN RENSSELAER | W | PAWNEE | 4194 | 7 | 45.4 |
| POINT VIEW FIELD ----- | | | | | | | |
| F & M OIL 25-22S15W | C-18538 | BARSTOW | P | LANS | 3570 | 5 | 24.0 |
| RUTHERFORD FIELD ----- | | | | | | | |
| MURFIN DRILLING 5-20S15W | C-14328 | ALMQUIST WF | P | ARB | 3788 | 125 | 42.0 |
| SHILEY FIELD ----- | | | | | | | |
| CITCO 13,14-20S20W | C-12417 | SHILEY WF | W | B PENN | 4170 | 7 | 36.0 |
| PHILLIPS COUNTY ===== | | | | | | | |
| BECKMAN EAST FIELD ----- | | | | | | | |
| AMERICAN PETROLEUM 2- 4S19W | CR-2813 | GRAU A | W | LKC | 3186 | 212 | NR |
| BECKMAN SOUTH FIELD ----- | | | | | | | |
| PETROLEUM MANAGEMENT 9,10- 4S19W | C-16225 | BECKMAN SOUTH | W | LKC | 3248 | 116 | 36.0 |
| DAYTON FIELD ----- | | | | | | | |
| SIERRA PETROLEUM 25,26,35,36- 2S19W | C-8011 | DAYTON UNIT | W | KC | 3382 | 23 | 34.0 |

| INJECTION DATA | | | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT |
|----------------|------|-------------|-------|-----|------|--------------|------|-----|-------------|------|------|-----------------|------|---|---------|------|-------|---------|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC. | PROD | NOTES | NO |
| | | | TOT | NEW | | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | TOT | NEW | MB OR(MMCF) | CUM | | | | | |
| | | | | | | 1982 | | | | | | 1982 | | | 1982 | | | |
| | | | | | | (1981) | | | | | | (1981) | | | (1981) | | | |
| 1967 | U | PROD | | 0 | 0 | 0 | 624 | 2 | 0 | 3.2 | 347 | 0 | 4.7 | 2 | C-13723 | | | |
| 1965 | U | PROD | | 1 | 0 | 0 | 1596 | 2 | 0 | 0 | 612 | 0 | 1.0 | 2 | C-8878 | | | |
| NR | U | PROD | | | | NR | NR | | | NR | NR | NR | NR | 4 | C-17291 | | | |
| NR | | NR | | | | NR | NR | | | NR | NR | NR | NR | 5 | C-12708 | | | |
| 1963 | T | PROD | | 1 | 0 | 35.9 | 1549 | 3 | 0 | 5.9 | 1401 | 1.5 | 50.4 | | C-10116 | | | |
| 1974 | U | PROD | | 1 | 0 | 270 | 1280 | 4 | 0 | 5.9 | 148 | NR | NR | | C-17322 | | | |
| 1980 | U | PROD | | 1 | 0 | 86.7 | 95.9 | 10 | 6 | 92.6 | 104 | 92.6 | 104 | | CR11803 | | | |
| 1974 | U | PROD | | 1 | 0 | 3.7 | 45.3 | 1 | 0 | 1.1 | 53.5 | 0 | NR | | C-17123 | | | |
| 1969 | U | PROD | | 1 | 0 | 135 | 1316 | 3 | 0 | 5.6 | 397 | 0 | NR | | C-14971 | | | |
| 1975 | U | PROD | | 1 | 0 | 31.8 | 120 | 2 | 0 | 1.8 | 28.0 | 1.8 | 28.0 | | C-18538 | | | |
| 1968 | T | PROD | | 1 | 0 | 35.9 | 831 | 2 | 0 | 1.7 | 355 | NR | NR | | C-14328 | | | |
| 1961 | M | PROD & DAK | 1 | 0 | 91.0 | 3033 | 2 | 0 | 3.7 | 550 | 3.7 | 328 | | | C-12417 | | | |
| | | | | | | | | | | | | | | | C-8460 | | | |
| 1981 | T | PROD | | 1 | 0 | 10.6 | 10.6 | 5 | 0 | 4.5 | 33.8 | 0 | 0 | | CR-2813 | | | |
| 1971 | T | PROD & DAK | 5 | 0 | 239 | 2107 | 10 | 2 | 16.0 | 381 | 16.0 | 204 | | | C-16225 | | | |
| 1961 | T | PROD & CHEV | 6 | 0 | 340 | 5468 | 7 | 0 | 19.1 | 1517 | 19.1 | 1517 | | | C-8011 | | | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE | | | |
|---|------------------------|-------------------------|-------------------|--------------------|-------|-----|------|
| | | | | NAME | DEPTH | THK | GRAV |
| PHILLIPS COUNTY ===== | | | | | | | |
| DELLA FIELD ----- | | | | | | | |
| PETROLEUM MANAGEMENT 19- 4S19W | C-15367 | SLINKER & MERKLING | W | LKC | 3180 | 152 | 35.0 |
| FREDERICKSBURG FIELD ----- | | | | | | | |
| LADD PETROLEUM (KS) 9- 1S18W | C-15214 | SEYLER UNIT | W | LKC | 3050 | 450 | 35.0 |
| HANSEN FIELD ----- | | | | | | | |
| CITCO 14,22,23-5S20W | C-17919 | HANSEN COOP WF | W | LKC | 2926 | 30 | 36.0 |
| GETTY OIL 22,23- 5S20W | C-17918 | B.O. GRAHAM | W | LAN&ARB | 3222 | 32 | 34.0 |
| HUFFSTUTTER FIELD ----- | | | | | | | |
| BAIRD CIL 15- 1S18W | C-17599 | WOLF | W | KC | 3500 | 200 | 36.0 |
| GODDE & PHILLIPS 22- 1S18W | C-15283 | O'NEILL PM | P | LKC | 3327 | 20 | 34.0 |
| LADD PETROLEUM (KS) 16,17,20,29- 1S18W | C-6746 | N. HUFFSTUTTER | W | LKC | 3400 | 254 | 36.0 |
| PETROLEUM MANAGEMENT 31- 1S18W 5,6,7- 2S18W | C-8461 | CENTER HUFFSTUTTER UNIT | W | LKC | 3365 | 235 | 37.5 |
| PETROLEUM MANAGEMENT 31- 1S18W | C-13834 | HUFFSTUTTER NORTHWEST | W | LKC | 3350 | 235 | 37.0 |
| PHILLIPS PETROLEUM 7- 2S18W 12- 2S19W | C-9984 | HUFFSTUTTER | W | LKC | 3400 | 50 | 36.0 |
| PHILLIPS PETROLEUM 13- 2S19W | C-8141 | HUFFSTUTTER COOP UNIT | W | LKC | 3400 | 50 | 35.0 |
| SIERRA PETROLEUM 23- 2S19W | C-8195 | HEFFRON | W | LKC | 3469 | 176 | 32.0 |
| KINTER FIELD ----- | | | | | | | |
| PETROLEUM MANAGEMENT 19,25,30- 4S19W | C-16645 | ADEE UNIT | W | LANS | 3162 | 150 | 36.0 |
| LCGAN FIELD ----- | | | | | | | |
| DANE G. HANSEN TRUST | C-13887 | STEPHENS-ROSS | D | LKC | 3200 | 250 | 32.0 |
| 34,35- 4S20W | | | | | | | |
| MONT SOL FIELD ----- | | | | | | | |
| PETROLEUM MANAGEMENT 6,7- 4S18W | C-15215 | MONT SOL UNIT | W | LKC | 3200 | 28 | 36.0 |
| RAY FIELD ----- | | | | | | | |
| DANE G. HANSEN TRUST 21- 5S20W | CR-5787 | HANSEN | D | REAGAN | 3581 | NR | 29.9 |
| SLINKER FIELD ----- | | | | | | | |
| CITCO 25,30,36-04S20W | C-13967 | SLINKER TORONTO-LKC | W | TOR&LKC | 3118 | 20 | 37.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|------|------------|-------|-----|--------------|---------|-----|--------------|-------|-----------------|--------------|----------|-----|------|-------------------|---------|-----|-------------------|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC PROD NOTES | | NO | |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | 1982 | CUM | 1982 | CUM | 1982 | CUM | |
| | | | --- | --- | --- | --- | --- | --- | --- | --- | --- | (98) | --- | (98) | --- | (98) | --- | |
| 1970 | T | PROD | 1 | 0 | 68.9 | 623 | 2 | 0 | 1.5 | 26.2 | 1.5 | 20.2 | | | | | | C-15367 |
| 1969 | T | DAK | 1 | 0 | 24.0 | 302 | 3 | 0 | 9.5 | 128 | 5.0 | 70.0 | | | | | | C-15214 |
| 1976 | T | PROD | 9 | 0 | 1075 | 5175 | 25 | 1 | 82.8 | 2204 | 62.7 | 535 | | | | | | C-17919 |
| 1976 | U | PRCD | 4 | 0 | 324 | 1588 | 10 | 0 | 32.3 | 1841 | 19.9 | 134 | | | | | | C-17918 |
| 1974 | T | PROD | 1 | 0 | 60.2 | 525 | 3 | 0 | 9.8 | 192 | 9.8 | 112 | | | | | | C-17599 |
| 1969 | T | PROD | 1 | 0 | 13.8 | 295 | 1 | 0 | 1.5 | NR | 1.5 | 18.6 | | | | | | C-15283 |
| 1956 | T | PROD & DAK | 23 | 0 | 26.4 | 14500 | 27 | 0 | 53.0 | 2860 | 40.0 | 1400 | | | | | | C-6746 |
| 1961 | T | PROD&DAK | 13 | 0 | 862 | 11821 | 35 | 0 | 63.9 | 2510 | 63.9 | 2510 | | | | | | C-8461 |
| 1967 | T | PROD&DAK | 2 | 0 | 107 | 1781 | 5 | 0 | 7.4 | 273 | 7.4 | 273 | | | | | | C-13834 |
| 1963 | U | PRCD & DAK | 6 | 0 | 503 | 6421 | 11 | 0 | 24.3 | 1043 | 24.3 | 590 | | | | | | C-9984 |
| 1972 | U | PROD & DAK | 2 | 0 | 341 | 4143 | 5 | 0 | 8.4 | 347 | 8.4 | 329 | | | | | | C-8141 |
| 1969 | T | PROD | 1 | 0 | 0 | 1523 | 2 | 0 | 2.1 | 121 | 2.1 | 121 | 2 | | | | | C-8195 |
| 1972 | T | PROD | 2 | 0 | 138 | 948 | 6 | 1 | 6.5 | 133 | 6.5 | 62.4 | | | | | | C-16645 |
| 1967 | T | PROD | 1 | 0 | 12.4 | 264 | 2 | 0 | 2.2 | 55.7 | NR | NR | | | | | | C-13887 |
| 1960 | T | PROD & DAK | 2 | 0 | 73.9 | 1890 | 2 | 0 | 4.0 | 345 | 4.0 | 345 | | | | | | C-15215 C-6898 |
| 1978 | U | PROD | 1 | 0 | 2.3 | 8.7 | 1 | 0 | 0.9 | 3.3 | NR | NR | | | | | | CR-5787 |
| 1967 | M | PROD & DAK | 5 | 0 | 527 | 3029 | 7 | 1 | 31.3 | 1373 | 31.3 | 144 | | | | | | C-13967 |

| OPERATOR ----- LOCATION | PROJECT NO | PROJECT NAME | TYP | OIL PRODUCING ZONE | | | |
|---|---------------|---------------|-----|--------------------|-------|-----|------|
| | | | PRJ | NAME | DEPTH | THK | GRAV |
| PHILLIPS COUNTY ===== | | | | | | | |
| STONEMAN FIELD ----- | | | | | | | |
| PETROLEUM MANAGEMENT 20- 4S18W | C-14228 | T.W. JACKSON | W | LANS | NR | NR | NR |
| PETROLEUM MANAGEMENT 20,21,29- 4S18W | C-12730 | STONEMAN | W | LKC | 3105 | 235 | 38.0 |
| SANTA FE P & S 28- 4S18W | C-12731 | BREDEMEIER | W | KC | 3050 | 18 | 38.4 |
| STUTTGART FIELD ----- | | | | | | | |
| PETROLEUM MANAGEMENT 13,14,23- 3S19W | C-6131 | STUTTGART | W | LKC | 3200 | 35 | NR |
| VEEH FIELD ----- | | | | | | | |
| PETROLEUM MANAGEMENT 35- 3S19W | C-16728 | GRAU | W | LANS | 3208 | 223 | NR |
| POTTAWATOMIE COUNTY ===== | | | | | | | |
| CASEY FIELD ----- | | | | | | | |
| BARNES & HOHMAN OIL 9-07S12E | C-16182 | CASEY | | VIOLA | NR | NR | NR |
| C.W.B. EXPLORATION 10-07S12E | CR9776 | FORDHAM | | VIOLA | NR | NR | NR |
| PRATT COUNTY ===== | | | | | | | |
| BARNES SOUTHWEST FIELD ----- | | | | | | | |
| BARNES DRILLING 35-27S12W | C-14279 | BARKER | P | KC | 3626 | 8 | 38.0 |
| CHITWOOD FIELD ----- | | | | | | | |
| RAYMOND OIL 14,22,23,26,27-28S12W | C-4080 | CHITWOOD | W | SIMP | 4390 | 23 | 38.0 |
| CUNNINGHAM FIELD ----- | | | | | | | |
| BRADEN-CEEM 3-28S11W | C-16091 | CUNNINGHAM WF | W | LKC | 3430 | 15 | 36.0 |
| FRISBIE FIELD ----- | | | | | | | |
| ENERGY RESERVES 2-26S15W | C-16624 | FRISBIE | W | LKC | 3800 | 200 | 31.5 |
| GEREKE WEST FIELD ----- | | | | | | | |
| PHILLIPS PETROLEUM 2,10,11-26S15W | C-15235 | GEREKE UNIT | W | LKC | 3980 | 56 | 38.0 |
| ILKA-CARMI FIELD ----- | | | | | | | |
| BM&N OIL 31-26S12W | C-7970 | HONEMAN | W | SIMP | 4210 | 48 | NR |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|------|-------------|-------|-----|---------|-------|--------------|-----|----------|-----------------|--------|------|------------|------------|------|---------|--|--|
| FIRST YR | TYPE | SOURCE | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC | | PROD NOTES | PROJECT NO | | | | |
| | | | YR | WTR | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | 1982 | CUM | 1982 | CUM | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | 1982 | | CUM | | | | 1982 | | 1982 | | 1982 | | | |
| | | | | | 1981 | | | | | | 1981 | | 1981 | | 1981 | | | |
| NR | NR | | 1 | 0 | 33.4 | 605 | 0 | 0 | 0 | NR | 0 | NR | | | | C-14228 | | |
| 1966 | T | PROD & DAK | 5 | 0 | 276 | 4534 | 11 | 1 | 27.5 | 1080 | 27.5 | 496 | | | | C-14227 | | |
| 1966 | U | PRCD & CEDH | 1 | 0 | 11.2 | 311 | 2 | 0 | 1.3 | 39.0 | NR | NR | | | | C-12730 | | |
| | | | | | | | | | | | | | | | | C-12729 | | |
| | | | | | | | | | | | | | | | | C-12731 | | |
| 1962 | T | PROD | 3 | 0 | 157 | 7303 | 5 | 0 | 6.7 | 81.3 | 6.7 | 81.3 | | | | C-6131 | | |
| 1973 | T | PROD | 1 | 0 | 84.6 | 544 | 3 | 0 | 2.8 | 94.5 | 2.8 | 47.2 | | | | C-16728 | | |
| NR | NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | | C-16182 | | |
| NR | NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | | CR 9776 | | |
| 1972 | M | PROD & FR | 1 | 0 | 180 | 1690 | 7 | 0 | 5.1 | 475 | 2.9 | 43.9 | | | | C-14279 | | |
| 1955 | U | PROD | 2 | 0 | 108 | 41482 | 2 | 0 | 6.1 | 3846 | NR | NR | | | | C-4080 | | |
| 1971 | U | PROC | 3 | 0 | 230 | 4578 | 5 | 0 | 4.3 | 80.4 | 2.0 | 16.2 | | | | C-16091 | | |
| 1972 | U | PROD | 1 | 0 | 27.7 | 215 | 2 | 0 | 4.3 | 42.6 | 3.8 | 31.3 | | | | C-16624 | | |
| 1969 | M | PROC&MEADE | 6 | 0 | 313 | 2735 | 5 | 0 | 4.9 | 125 | 3.7 | 74.8 | | | | C-15235 | | |
| NR | F | PROD & FR | 0 | 0 | 0 | NR | 5 | 0 | 0 | NR | 0 | 0 | | | | C-7970 | | |

| OPERATOR ----- LOCATION | PROJECT NO ----- | PROJECT NAME | TYP PRJ --- | OIL PRODUCING ZONE | | | |
|---|------------------------|-------------------------|-------------------|--------------------|-------|------|------|
| | | | | NAME | DEPTH | THK | GRAV |
| PRATT COUNTY ===== | | | | | | | |
| IUKA-CARMI FIELD ----- | | | | | | | |
| GETTY OIL 32-26S12W | C-11297 | MISKIMEN V. E. | W | SIMP | 4200 | 25 | 40.0 |
| GETTY OIL 7,18-27S12W | C-8202 | SO IUKA-CARMI UNIT | W | SIMP | 4270 | 16 | 38.0 |
| GETTY OIL 6,7-27S12W | C-6895 | IUKA-CARMI-HELMKE UNIT | W | SIMP | 4230 | 18 | 38.0 |
| GETTY OIL 32-26S12W | C-13600 | MISKIMEN B | W | SIMP | 4214 | 30 | 40.0 |
| RONALD RUSS PRATER 31-26S12W | C-11041 | C.J. BINGER | W | SIMP | 4175 | 30 | 38.0 |
| TERRA RESOURCES 6-27S12W 1-27S13W | C-11392 | IUKA-CARMI | D | SIMP | 4236 | 33 | 38.6 |
| TGT PETR 25-26S23W | C-15384 | KNOP (HOEME) | P | VIOLA | 4120 | 25 | 36.0 |
| MCBRIDE FIELD ----- | | | | | | | |
| TEXAS ENERGIES 27,34-27S14W | CR-6775 | MCBRIDE | W | KC | NR | NR | NR |
| MOORE SOUTHWEST FIELD ----- | | | | | | | |
| RAYMOND OIL 10,11,14,15-26S14W | CR-9784 | MOORE SOUTHWEST | | KINDER | 4252 | 6 | NR |
| MOORE WEST FIELD ----- | | | | | | | |
| DNB DRILLING 03-26S14W | CR-8792 | HENDERSON | D | LANS | 3850 | 30 0 | 31.0 |
| THORNTON E. ANDERSON 3,4-26S14W | C-16490 | HENDERSON | P | LKC | 3804 | 8 | 36.0 |
| ROLLINGSON NORTH FIELD ----- | | | | | | | |
| BEREN 19,30,31-27S12W 25,36-27S13W | C-13954 | NORTH ROLLINGSON SIMPSO | W | SIMP | 4310 | 7 | 38.0 |
| *SEE ALSO KINGMAN-PRATT | | | | | | | |
| RAWLINS COUNTY ===== | | | | | | | |
| BURNTWOOD FIELD ----- | | | | | | | |
| MLRFIN DRILLING 36- 1S36W | CR-6782 | RAY WF | P | LKC&ORE | 4100 | 8 | 27.0 |
| CAHOJ FIELD ----- | | | | | | | |
| GETTY OIL 3,4,8,9,10,- 1S34W 16,17,18,20- 1S34W | C-16643 | CAHOJ LKC WF | W | LKC | 4062 | 15 6 | 34.2 |
| HALLIBURTON OIL 15,16,21,22- 1S34W | C-15518 | S.E. CAHOJ | P | LKC | 4047 | 20 | 36.0 |
| KERN 18- 1S34W | C-17253 | CAHOJ WATERFLOOD | W | LKC | 4100 | 100 | 35.4 |
| CAHOJ EAST FIELD ----- | | | | | | | |
| EMPIRE DRILLING 11,12,13,14- 1S34W | C-18265 | RUDA PRESSURE | P | LKC | NR | NR | 34.0 |

| INJECTION DATA | | | | | | | | | | | | PRODUCTION DATA | | | | PROJECT | | | | |
|----------------|------|-------------|-------|-----|------|---------|--------------|------|-------|------|------|-----------------|------|--------|------|---------|----|--|--|--|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | ENHANC | PROD | NOTES | NO | | | |
| | | | YR | WTR | TOT | NEW | MB OR (MMCF) | 1982 | CUM | 1982 | CUM | MB CR(MMCF) | 1982 | CUM | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 1964 | F | SH SD | 3 | 0 | 429 | 6315 | 4 | 0 | 5.9 | 902 | 5.9 | 309 | | | | C-11297 | | | | |
| 1961 | M | PROD & SHSD | 6 | 0 | 967 | 14660 | 8 | 0 | 8.8 | 2515 | 8.8 | 1135 | | | | C-8202 | | | | |
| 1961 | M | PROD & SHSD | 5 | 0 | 1183 | 26508 | 7 | 0 | 13.7 | 3877 | 13.7 | 1741 | | | | C-6895 | | | | |
| 1967 | M | PROD & SHSD | 2 | 0 | 350 | 1761 | 4 | 0 | 16.7 | 593 | 16.7 | 559 | | | | C-13600 | | | | |
| 1964 | U | PROD | 1 | 0 | 21.5 | 3096 | 5 | 0 | 10.9 | 159 | 10.9 | 159 | | | | C-11041 | | | | |
| 1959 | T | PROD & PLI | 1 | 0 | 308 | 12237 | 2 | 0 | 7.1 | 2069 | 7.1 | 1097 | | | | C-11392 | | | | |
| NR | F | SH SD | 0 | 0 | 0 | 0 | 3 | 0 | 1.7 | 27.8 | 0 | 0 | 2 | | | C-15384 | | | | |
| NR | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 | | | CR-6775 | | | | |
| 1974 | | PROD | 1 | 0 | 7.3 | 88.0 | 1 | 0 | 2.2 | 18.5 | NR | NR | | | | CR-9784 | | | | |
| 1979 | U | PRCC | 1 | 0 | 7.3 | 18.3 | 4 | 0 | 0.6 | 2.1 | 0 | 0 | | | | CR-8792 | | | | |
| 1972 | U | PRCD | 1 | 0 | 23.0 | 235 | 4 | 0 | 5.7 | 220 | 0.6 | 5.0 | | | | C-16490 | | | | |
| 1968 | U | PROD | 1 | 0 | 11.0 | NR | 4 | 0 | 3.2 | 81.0 | 2.4 | NR | | | | C-13954 | | | | |
| 1978 | T | PROD | 1 | 0 | 83.3 | 277 | 2 | 0 | 4.1 | 27.2 | NR | NR | | | | CR-6782 | | | | |
| 1973 | U | PROD & DAK | 20 | 0 | 3035 | 22902 | 25 | 0 | 106 | 4967 | 106 | 744 | | | | C-16643 | | | | |
| 1976 | F | PROD & DAK | 3 | 0 | 174 | 2318 | 5 | 0 | 12.1 | 849 | 12.1 | 97.7 | | | | C-15518 | | | | |
| 1978 | U | PROD | 1 | 0 | 2.2 | 17.7 | 1 | 0 | 2.9 | 69.4 | 0 | 0 | | | | C-17253 | | | | |
| 1976 | T | PROD | 1 | 0 | 69.6 | 278 | 2 | 1 | 9.0 | 393 | 5.7 | 18.2 | | | | C-18265 | | | | |

| OPERATOR LOCATION | PROJECT NO | PROJECT NAME | TYP PRJ | OIL PRODUCING ZONE | | | |
|--|---------------|-------------------|------------|--------------------|-------|-----|------|
| | | | | NAME | DEPTH | THK | GRAV |
| RAWLINS COUNTY | | | | | | | |
| CAHOJ EAST FIELD | | | | | | | |
| EMPIRE DRILLING 14- 1S34W | C-18631 | FIKAN B | | LANS | NR | NR | 35.0 |
| CAHOJ WEST FIELD | | | | | | | |
| BURCH EXPLOR 12,13- 1S35W | C-11929 | CAHOJ WEST | D | LKC | 4154 | 24 | 35.0 |
| R H P FIELD | | | | | | | |
| EMPIRE DRILLING 6,7- 1S33W | C-18632 | R.H. PALMER WF | P | LKC | 4078 | 6 | 33.0 |
| PETROLEUM MANAGEMENT 5,8- 1S33W | C-15426 | PALMER | W | SHAWLKC | 3825 | 8 | 25.0 |
| WILHELM FIELD | | | | | | | |
| DONALD C. SLAWSON 17,18- 1S32W | C-16985 | WICKE C | W | LKC | 3900 | 6 | 32.0 |
| GETTY OIL 16,17,20,21,28-1S32W 29- 1S32W | C-17400 | WILHELM UNIT | W | LKC | 3900 | 13 | 34.0 |
| RENO COUNTY | | | | | | | |
| ALBION NORTH FIELD | | | | | | | |
| HARRY A. SPRAGUE 11-26S 6W | C-10925 | GRABER PM PROJECT | D | SIM&VIO | 3990 | 10 | 39.0 |
| BECK WEST FIELD | | | | | | | |
| SANTA FE P & S 14-23S 9W | C-13754 | ROACH | W | B PENN | 3720 | 7 | 34.0 |
| BURRTON FIELD | | | | | | | |
| A. SCOTT RITCHIE 33-23S 4W 4-24S 4W | C-18191 | BETHEL COLLEGE | P | MISS | 3310 | 85 | 34.0 |
| FELL & WOLFE OIL | C-9928 | WESTFAHL | D | MISS | NR | NR | 32.0 |
| 19-24S 4W | | | | | | | |
| HAROLD J. MILBURN 1,2-23S 4W | C-10414 | HAURY | D | MISS | 3243 | 40 | 33.0 |
| OKMAR OIL 36-32S 4W | C-11618 | EVANS & BASE | P | MISS | 3258 | 40 | 34.0 |
| R.L. EVANS TRUST 23-23S 4W | C-13167 | EVANS B | D | MISS | 3285 | 10 | 32.1 |
| S & K OIL 35-23S 4W | CR-8784 | GOERING B | P | HUNTON | 3579 | 54 | NR |
| S & K OIL 12-23S 4W | C-5368 | TETEN | D | MISS | 3415 | 15 | 38.0 |
| S & K OIL 11-23S 4W | C-12204 | SABIN B | D | MISS | 3260 | 80 | 37.0 |
| S & K OIL 25,36-23S 4W | C-12044 | FAST-SMITH | D | MISS | 3308 | 52 | 38.0 |
| TGT PETR CORP 15,22,27-23S 4W | C-14675 | STRAWN | P | MISS | 3330 | 12 | 38.0 |

| INJECTION DATA | | | | | | | | | | | | PRODUCTION DATA | | | | PROJECT | |
|----------------|------|------------|-------|-----|---------|-------|-----|-------------|-------------|--------|------|-----------------|----|--|--|---------|--|
| FIRST YR | TYPE | SOURCE | WELLS | | VOL INJ | WELLS | | PROD VOL | | ENHANC | PROD | NOTES | NC | | | | |
| | | | TOT | NEW | | TOT | NEW | MB CR(MMCF) | MB OR(MMCF) | | | | | | | | |
| | | | | | 1982 | CUM | | 1982 | CUM | 1982 | CUM | | | | | | |
| | | | | | (98) | --- | | 1981 | --- | (90) | --- | | | | | | |
| 1975 | T | PROD | 1 | 0 | 33.0 | 258 | 2 | 0 | 5.1 | 110 | 5.1 | 16.8 | | | | C-18631 | |
| 1964 | T | PROD | 1 | 0 | 3.6 | 669 | 2 | 0 | 7.6 | 36.8 | 7.6 | 36.8 | | | | C-11929 | |
| 1968 | T | PROD | 2 | 0 | 188 | 1235 | 6 | 0 | 11.5 | 456 | 7.4 | 180 | | | | C-18632 | |
| 1970 | T | PROD | 2 | 0 | 166 | 1078 | 4 | 1 | 10.5 | 255 | 10.5 | 132 | | | | C-14615 | |
| | | | | | | | | | | | | | | | | C-15426 | |
| 1973 | U | PROD | 1 | 0 | 60.4 | 413 | 1 | 0 | 6.0 | 74.9 | 4.5 | 18.7 | | | | C-16985 | |
| 1974 | T | PROD & DAK | 6 | 0 | 496 | 3443 | 11 | 0 | 27.8 | 1250 | 14.3 | 216 | | | | C-17400 | |
| 1964 | U | PROD | 1 | 0 | 235 | 4666 | 3 | 0 | 5.8 | 314 | 0 | 77.8 | | | | C-10925 | |
| 1967 | U | PRCD | 1 | 0 | 18.2 | 349 | 1 | 0 | 0.7 | 55.2 | NR | NR | | | | C-13754 | |
| 1976 | U | PROD | 1 | 0 | 490 | 2360 | 4 | 1 | 16.2 | 44.6 | NR | NR | | | | C-18191 | |
| NR | U | PROD | 1 | 0 | 158 | NR | 3 | 0 | 2.1 | NR | NR | NR | | | | C-9928 | |
| 1963 | U | PROD | 1 | 0 | 180 | 923 | 4 | 1 | 2.6 | 320 | 1.0 | NR | | | | C-10414 | |
| 1965 | U | PROD | 1 | 0 | 258 | 2951 | 8 | 0 | 22.9 | 645 | 21.7 | 395 | | | | C-11618 | |
| 1967 | U | PROD | 1 | 0 | 142 | 4569 | 3 | 0 | 1.9 | 28.1 | 0.8 | NR | | | | C-13167 | |
| 1978 | U | PROD | 1 | 0 | 419 | 1385 | 1 | 0 | 3.5 | 17.9 | 0 | NR | | | | CR-8784 | |
| NR | U | PRCD | 1 | 0 | 340 | 5596 | 6 | 0 | 5.6 | 1041 | 5.6 | 1041 | | | | C-5368 | |
| 1968 | U | PRCD | 1 | 0 | 777 | 7786 | 8 | 0 | 19.2 | 218 | 19.2 | 218 | | | | C-12204 | |
| 1966 | U | PROD | 1 | 0 | 845 | 7914 | 8 | 0 | 21.9 | 218 | 21.9 | 218 | | | | C-12044 | |
| 1970 | U | PROD | 2 | 0 | 636 | 14571 | 20 | 0 | 68.8 | 961 | 0 | 0 | | | | C-14675 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ ----- | OIL PRODUCING ZONE | | | |
|--|------------------------|-----------------------|---------------------|--------------------|-------|-----|------|
| | | | | NAME | DEPTH | THK | GRAV |
| RENO COUNTY ===== | | | | | | | |
| HILGER SOUTHWEST FIELD ----- | | | | | | | |
| WOODMAN-IANNITTI 20,29-26S 4W | C-15373 | C. J. GEUBELL | P | MISENER | 3970 | 5 | 36.0 |
| NICKLAUS FIELD ----- | | | | | | | |
| PHILLIPS PETROLEUM 3-26S 4W | C-5139 | PROUGH | P | LKC | 2880 | 20 | 35.0 |
| PLEVA FIELD ----- | | | | | | | |
| ASPEN OIL 4-24S 9W | CR-3785 | RENO | D | MISS | 3763 | 17 | NR |
| ZENITH-PEACE CREEK FIELD ----- | | | | | | | |
| BRADEN-ZENITH 6,7,18-24S10W 1,2,3,10,11,12-24S11W 13,14,15,23,24-24S11W | C-12893 | ZENITH WF UNIT | W | MIS&VIO | 3780 | 60 | 40.0 |
| CITCO 30,31-22S 9W 6-23S 9W 35,36-22S10W 1,2,11,12-23S10W | C-4456 | PEACE CREEK UNIT | W | VIOLA | 3750 | 16 | 39.0 |
| RENO-RICE COUNTIES ===== | | | | | | | |
| STERLING FIELD ----- | | | | | | | |
| B H & K 4,9-22S 8W | C-6188 | STUBBS MAYER UNIT | P | MISS | 3420 | 10 | 35.0 |
| B H & K 4,9-22S8W | CR-2815 | STUBBS-MAYER UNIT | P | MISS | 3406 | 5 | 34.0 |
| RICE COUNTY ===== | | | | | | | |
| FIELD ----- | | | | | | | |
| CONOCO 19-20S8W | C-14981 | SESSLER | W | NR | NR | NR | NR |
| BLOOMER FIELD ----- | | | | | | | |
| SCHIO PETROLEUM 05-18S10W | CP-3804 | ROESLER | W | KC | NR | NR | 40.0 |
| BULL CREEK FIELD ----- | | | | | | | |
| PETRO-LEWIS 25,26,35,36-21S 8W | C-12968 | BULL CREEK MISS UNIT | W | MISS | 3400 | 4 | 36.0 |
| CALF CREEK FIELD ----- | | | | | | | |
| RANGE OIL 33-18S10W | C-16326 | BUEHLER B | P | LANS | 2850 | 7 | 30.0 |
| CAR SOUTHWEST FIELD ----- | | | | | | | |
| MALONE OIL 20,29,30-20S 9W | C-18065 | MALONE | W | SIMP | 3300 | 4 | 45.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|-----|-------------|-------|-----|--------------|---------|-----|-------------|-------|-----------------|-------------|----------|----|----|--------|---------|--------------------|----|
| FIRST YR | TYP | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD | NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | TOT | NEW | MB OR(MMCF) | CUM | | | | | | |
| | | | | | | 1982 | | CUM | | | | | | | 1982 | CUM | | |
| | | | | | | (98) | | | | | | | | | (98) | | | |
| 1967 | T | PROD | 1 | 0 | 9.2 | 113 | 2 | 0 | 2.8 | 60.7 | 1.8 | 27.1 | | | | | C-15373 | |
| 1966 | L | PROD | 1 | 0 | 29.5 | 1007 | 2 | 0 | 0.6 | 312 | 0 | 1.3 | | | | | C-5139 | |
| 1973 | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 81 | CR-3785 | |
| 1966 | M | PROD & FR | 5 | 0 | 904 | 62013 | 3 | 0 | 11.4 | 452 | 11.4 | 452 | | | | | C-12893 | |
| 1951 | M | PROD & FP | 5 | 0 | 1780 | 60905 | 5 | 0 | 30.3 | 8267 | 30.3 | 1874 | | | | | C-4456 | |
| 1958 | M | PROD & SHSD | | | NR | NR | | | NR | NR | NR | NR | | | | 5 | C-6188 | |
| 1959 | M | FRESH | 2 | NR | 74.1 | 1435 | 8 | NR | 4.7 | 494 | 4.7 | 150 | | | | | CR-2815 | |
| NR | NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 | C-14981 | |
| 1980 | T | PROD | 1 | 0 | 9.6 | 17.4 | 2 | 0 | 2.0 | 168 | 0 | 0 | | | | | CR-3804 | |
| 1967 | U | PROD | 1 | 0 | 58.0 | 1969 | 2 | 0 | 3.6 | 82.6 | 3.6 | 82.6 | | | | | C-12968 C-12913 | |
| 1971 | U | PROD | 1 | 0 | 20.4 | 689 | 4 | 0 | 1.6 | 25.5 | 1.6 | 25.5 | | | | | C-16326 | |
| 1976 | M | PROD & FR | 2 | 0 | 7.0 | 30.0 | 2 | 0 | 6.9 | 32.4 | 4.0 | 14.0 | | | | | C-13065 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- |
|---|------------------------|-----------------------|-------------------|--|
| RICE COUNTY ===== | | | | |
| CHASE-SILICA FIELD ----- | | | | |
| | | | | |
| A. SCOTT RITCHIE 23-19S10W | C-6044 | BERNSTORF B | P LKC | 2630 280 35.0 |
| BERGMAN OIL 20-19S10W | C-7885 | EATINGER | W LKC | 2975 50 38.0 |
| BERGMAN OIL 11-19S 9W | C-9634 | SOEKEN | W SIMP | 3305 12 38.0 |
| CARL TCCD 22,27-19S 9W | C-18413 | MURPHY A-5 | P ARB | 3200 30 43.0 |
| CITCO 33-19S 9W | C-16251 | DEWITT | W ARB | 3155 31 47.7 |
| CON FOX 20-19S10W | C-7836 | G.F. WOLF | D KC&ARB | 3200 10 43.0 |
| ENERGY RESERVES 29-19S10W | C-7692 | HEINRICH ROTH | W LKC | 2957 107 44.9 |
| EVERETT SWANDER 25-19S10W | C-10600 | B.G. PROFFITT | W LKC | 3020 18 45.0 |
| FELL & WOLFE OIL 9-20S 9W | CR-9783 | MILLER | D ARB | 3238 9 42.3 |
| FELL & WOLFE OIL 5,7-20S10W | C-16477 | TATLOCK UNIT | D ARB | 3264 8 40.5 |
| F.G. HOLL ET AL 18,19-20S10W | C-12543 | WENKE | W LKC | 3106 8 37.3 |
| GETTY OIL 21-19S10W | C-7360 | KNOP A | W LANS | 2988 174 39.8 |
| KAISER-FRANCIS 22-19S 9W | CR-4773 | REESE | D ARB | 3209 22 42.0 |
| KELSO OIL ACCOUNT 5-19S9W | C-9916 | KELLER | P ARB | 3250 NR 40.0 |
| MELTZER OIL 29-19S 9W | C-15526 | LAYTON-PROJECT | D KC&ARB | 3248 4 46.0 |
| PHILLIPS PETROLEUM 18-19S 9W | C-15609 | KATE | P ARB | 3270 10 47.0 |
| RALPH G. BOWEN 16-20S10W | C-11507 | SPECHT A & B | D LKC-ARB | 3300 31 40.0 |
| RANGE OIL 23-19S10W | C-6043 | BERNSTORF D | W LKC | 3140 12 37.0 |
| ROCKET-SCHUSTERMAN 19-20S10W | C-16354 | HOUSTON COMMUNITY | D LKC | 3020 6 39.0 |
| SCOTT T. LUTZ 19-19S 9W | C-18383 | ROBBINS | D LKC | 2980 148 42.0 |
| SCOTT T. LUTZ 29-19S 9W | C-18514 | GROVE | D ARB | 3220 34 40.0 |
| SOUTHERN STATES OIL 14,15-19S10W | C-15792 | MERRILL J. BEHNKE | W DOUG | 2842 7 28.0 |
| SOUTHERN STATES OIL 11,12-19S10W | | | | |
| SOUTHERN STATES OIL 9-20S10W | C-13524 | SCHUBERT | W SIMP | 3400 5 47.0 |
| SOUTHERN STATES OIL 15-19S10W | C-14299 | FELDMAN | P LKC&DOU | 2870 18 30.0 |
| CRAWFORD FIELD ----- | | | | |
| D&P OIL 18-18S 6W | C-12492 | BRINCKERHOFF | W CONGL | 3185 6 NR |
| FREDERICK FIELD ----- | | | | |
| NCRA 10,11-18S 9W | C-11795 | STAATZ-SCHROEDER | W SIMP | 3252 12 46.0 |

| FIRST YR | TYPE | SOURCE | INJECTION DATA | | | | PRODUCTION DATA | | | | PROJECT | | | |
|----------|------|--------|----------------|-----|--------------|------|-----------------|-----|-------------|------|-------------|------|------------------|----|
| | | | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC | PROD | NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | | TOT | NEW | MB CR(MMCF) | | MB OR(MMCF) | | | |
| | | | | | 1982 | CUM | | | 1982 | CUM | 1982 | CUM | | |
| 1981 | | | | | | | | | | | | | | |
| 1958 | U | PROD | 1 | 0 | 119 | 1021 | 4 | 0 | 2.4 | 465 | NR | NR | C-6044 | |
| 1960 | T | PROD | 1 | 0 | 20.0 | 324 | 3 | 0 | 8.0 | 334 | 3.0 | 101 | C-7885 | |
| 1962 | T | PROD | 1 | 0 | 2.0 | 357 | 1 | 0 | 0.4 | 126 | 0 | 37.8 | C-9634 | |
| 1976 | U | PROD | 1 | | 92.0 | 502 | 4 | | 7.5 | 36.5 | 0.7 | 4.4 | C-18413 | |
| 1971 | U | PROD | 2 | 0 | 169 | 1232 | 3 | 0 | 8.7 | 2499 | 3.1 | 32.2 | C-16251 | |
| NR | T | PROD | 1 | 0 | 7.3 | NR | 1 | 0 | 1.8 | NR | NR | NR | C-7836 | |
| 1960 | U | PROD | 1 | 0 | 140 | 1243 | 3 | 0 | 3.9 | 191 | 3.9 | 121 | C-7692 | |
| 1963 | U | PROD | 1 | 0 | 19.2 | NR | 1 | 0 | 0.7 | NR | 0 | NR | C-10600 | |
| 1978 | U | PROD | 1 | 0 | 11.5 | NR | 2 | 0 | 1.2 | NR | NR | NR | CR-9783 | |
| 1966 | U | PROD | 1 | 0 | 380 | NR | 3 | 0 | 2.2 | NR | NR | NR | C-16477 | |
| 1966 | T | PROD | 1 | 0 | 91.0 | 14.0 | 1 | 0 | 1.5 | 203 | NR | NR | C-12543 | |
| 1960 | T | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 C-7360 | |
| 1963 | T | PROD | 1 | 0 | 18.3 | 277 | 1 | 0 | 1.3 | 306 | 0 | NR | CR-4773 | |
| NR | U | PROD | 1 | 0 | 83.9 | 90.9 | 3 | 0 | 2.6 | NR | 0.4 | 0.4 | C-9916 | |
| 1969 | U | PROD | 1 | 0 | 147 | NR | 2 | 0 | 2.5 | NR | NR | NR | C-15526 | |
| 1970 | U | PROD | 1 | 0 | 58.3 | 1199 | 2 | 0 | 0.8 | 231 | 0 | 0 | C-15609 | |
| 1965 | U | PROD | 1 | 0 | 81.7 | 2208 | 2 | 0 | 1.7 | 42.6 | 0 | NR | C-11507 | |
| 1958 | U | PROD | 1 | 0 | 66.8 | NR | 1 | 0 | 1.8 | 44.4 | 1.8 | NR | C-6043 C-6760 | |
| 1972 | T | PROD | 1 | 0 | 39.7 | 355 | 0 | 0 | 5.7 | 456 | 0 | NR | C-16354 | |
| 1976 | U | PROD | 1 | 0 | 60.0 | 319 | 7 | 1 | 3.0 | 20.3 | 1.2 | 8.2 | C-18383 | |
| 1976 | U | PROD | 1 | 0 | 18.0 | 175 | 2 | 0 | 3.6 | 21.0 | 1.5 | 8.5 | C-18514 | |
| 1970 | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 2 C-15792 | |
| | | | | | | | | | | | | | | |
| 1965 | T | PROD | 1 | 0 | 114 | 1723 | 5 | 0 | 2.4 | 103 | 2.4 | 103 | C-11993 | |
| 1967 | U | PROD | 1 | 0 | 48.3 | 1063 | 1 | 0 | 1.7 | 24.4 | 1.7 | 24.4 | C-13524 | |
| 1967 | T | PROD | 2 | 0 | 56.6 | 1928 | 5 | 0 | 3.1 | 146 | 3.1 | 146 | C-14299 | |
| | | | | | | | | | | | | | | |
| NR | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 C-12492 | |
| | | | | | | | | | | | | | | |
| 1963 | T | PROD | 2 | 0 | 106 | 1531 | 9 | 2 | 11.4 | 965 | 6.1 | 55.5 | C-11795 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- ----- | |
|--|------------------------|-----------------------|-------------------|---|--|
| RICE COUNTY ===== | | | | | |
| GENESEO-EDWARDS FIELD ----- | | | | | |
| CONOCO 30,31-18S 7W 25,30,36-18S 8W | C-7243 | GENESEO SIMPSON UNIT | P SIMP | 3170 16 36.2 | |
| CONOCO 25-18S 8W | C-12620 | GENESEO LKC REPR. | P LANS | 2875 50 36.2 | |
| ENERGY RESERVES 12,13,14-18S 8W | C-17026 | GENESEO WFS | W CONGL | 3150 10 36.2 | |
| FELL & WOLFE OIL 31-18S 7W | C-9585 | BOLTON | D SIMP | 3216 8 32.3 | |
| KAISER-FRANCIS 13-18S 8W | C-11875 | ZAJIC | LANS | 2789 250 32.0 | |
| MURFIN DRILLING 3,4,5,10-18S08W | CR-2797 | GENESEO UNIT | W ARB&CON | 3200 9 38.0 | |
| GLEN SHARROLD NE FIELD ----- | | | | | |
| J.A. ALLISON 28-18S10W | C-14317 | FEIST #2 | P LANS | 3218 10 39.0 | |
| HEINZ FIELD ----- | | | | | |
| BROUGHER OIL 8,9-18S10W | CR97915 | HABIGER-KRAMPE ET AL | P LANS | 3180 20 40.0 | |
| LYONS WEST FIELD ----- | | | | | |
| GLLF 16,17,20,21,-19S 8W 5-20S 8W 28,29,31,32,33- 9S 8W | C-13839 | WEST LYONS UNIT | W KIND | 3320 15 40.0 | |
| MARY IDA SOUTH FIELD ----- | | | | | |
| LADD PETROLEUM (KS) 6,7,8-18S10W | C-12960 | MOONEY-MANKE | W LKC | 2950 160 38.0 | |
| ODESSA FIELD ----- | | | | | |
| ARCO 28,29,33,34-18S6W 4-19S 6W | C-4823 | ODESSA FIELD UNIT | W MARM | 3050 8 29.4 | |
| ORTH FIELD ----- | | | | | |
| GETTY OIL 27-18S10W | C-3953 | VOLKLAND A | W TOPEKA | 2670 16 30.0 | |
| MELTZER OIL 27-18S10W | C-3875 | HABIGER | D TOP>Z | 2434 250 32.0 | |
| ORTH WEST FIELD ----- | | | | | |
| BROUGHER OIL 16,17,20-18S10W | C-14786 | REICHUBER | P LANS | 3180 20 39.8 | |
| PCNCE FIELD ----- | | | | | |
| CLAMUR DRILLING CO. 28-21S7W | C-14265 | PONCE | P MISS | NR NR NR | |
| STERLING DRILLING 28-21S 7W | C-18258 | ARBUCKLE | P MISS | 3420 22 35.0 | |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | PROJECT | | |
|----------------|-----|------------|-------|-----|------|-----------|-------|-----|----------|-----------------|------|-----------|------|--------------------|---------|--|
| FIRST YR | TYP | SOURCE | WELLS | | VOL | INJ | WELLS | | PROD VOL | ENHANC | PROD | NOTES | NO | | | |
| YR | WTR | | TOT | NEW | MB | OR (MMCF) | TOT | NEW | MB | OR (MMCF) | MB | OR (MMCF) | | | | |
| | | | | | 1982 | CUM | | | 1982 | CUM | 1982 | CUM | | | | |
| | | | 1981 | --- | 1981 | --- | 1981 | --- | 1981 | --- | 1981 | --- | | | | |
| 1960 | T | PROD & ARB | 3 | 0 | 257 | 11446 | 11 | 0 | 9.9 | 1348 | 9.9 | 1165 | | C-7243 | | |
| 1966 | U | PRCD | 5 | 0 | 551 | 7974 | 21 | 0 | 41.5 | 6166 | NR | NR | | C-12620 | | |
| 1973 | U | PRCC | 2 | 0 | 267 | 1492 | 10 | 0 | 26.9 | 200 | 2.4 | 37.6 | | C-17026 | | |
| NR | U | PROD | 2 | 0 | 58.0 | NR | 2 | 0 | 1.1 | NR | NR | NR | | C-9585 | | |
| 1965 | T | PRCD | 1 | 0 | 364 | 5078 | 5 | 0 | 5.1 | 3513 | 0 | NR | | C-11875 | | |
| 1960 | M | PROD & DAK | 2 | 0 | 570 | 5804 | 6 | 0 | 5.2 | 34.3 | NR | NR | | CR-2797 C-12712 | | |
| 1968 | T | PROD | | 1 | 0 | 18.2 | 439 | 6 | 0 | 5.2 | 355 | 5.2 | 300 | | C-14317 | |
| 1979 | U | PROD | | 1 | 0 | 360 | 500 | 13 | 3 | 36.0 | 175 | 26.0 | 100 | | CR97915 | |
| 1968 | M | PROD & FR | 10 | 0 | 1295 | 23491 | 10 | 0 | 24.8 | 5196 | 24.8 | 5196 | | C-13839 | | |
| 1966 | T | PRCC & ARB | 2 | 0 | 161 | 5738 | 15 | 0 | 14.4 | 63.3 | 0 | 0 | 82 | | C-12960 | |
| 1959 | U | LKC | | 8 | 0 | 525 | 10791 | 9 | 0 | 19.1 | 1412 | 19.1 | 1412 | | C-4823 | |
| 1954 | U | PRCC | | 1 | 0 | 253 | 4688 | 3 | 0 | 4.1 | 325 | 4.1 | 241 | | C-3953 | |
| 1954 | U | PROD | | 0 | 0 | 0 | NR | 4 | 0 | 5.1 | NR | NR | NR | 2 | C-3875 | |
| NR | U | PROD | | 3 | 0 | 450 | 5000 | 13 | 0 | 18.0 | 300 | 18.0 | 150 | | C-14785 | |
| NR | U | PRCD | | | | NR | NR | | | NR | NR | NR | | | C-14265 | |
| 1976 | U | PROD | | 1 | 0 | 74.4 | 422 | 1 | 0 | 0.6 | 7.9 | 0.6 | 4.1 | | C-18258 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ ----- | OIL PRODUCING ZONE | | | |
|--|---|--|---------------------|--------------------|------------------------------|----------------------|------------------------------|
| | | | | NAME ----- | DEPTH ----- | THK ----- | GRAV ----- |
| RICE COUNTY ===== | | | | | | | |
| RINGWALD FIELD ----- | | | | | | | |
| GETTY OIL 33-18S10W ROCKET-SCHUSTERMAN 29,32-18S10W | C-3502 C-14300 | BUEHLER A RINGWALD WF | W W | LKC LANS | 2952 2930 | 86 39 | 30.0 40.0 |
| RINO FIELD ----- | | | | | | | |
| NCRA 33-21S 9W | C-10813 | RINO PM | W | SIMP | 3499 | 10 | 39.0 |
| TOBIAS FIELD ----- | | | | | | | |
| ASPEN DRILLING 3,4-21S 9W I.O. MILLER 11-21S 9W THUNDERBIRD DRILLING 25,26-20S 9W | C-16771 C-13650 C-10096 | SW TOBIAS LANS LIPP TOBIAS SIMPSON-UNIT | W D W | LKC LKC SIMP | 2958 2948 3300 | 4 8 16 | 35.0 40.0 45.0 |
| WELCH-BORNHOLDT FIELD ----- | | | | | | | |
| DICK HESS 36-2CS 6W KANSAS HORIZON OIL 11-20S 6W PHILLIPS PETROLEUM 11,15,22,23,24-20S 6W SHADE AND BERRY 25-15S 6W | C-17667 C-18250 C-12367 C-6848 | G.W. CARLSON NINA JOY WELCH BORNHOLDT MATTSON | D D P D | MISS | 3286 3239 3300 3435 | 60 16 NR 14 | 34.0 36.0 36.0 33.6 |
| *SEE ALSO BARTON-RICE *SEE ALSO RENO-RICE | | | | | | | |
| ROOKS COUNTY ===== | | | | | | | |
| ANDRESON FIELD ----- | | | | | | | |
| DAVIS BROS OIL PROD 31-1CS18W | C-14067 | ANDRESON WF | W | LKC | 3500 | 75 | 34.0 |
| BARRY FIELD ----- | | | | | | | |
| COROCO 35- 8S19W 1,2,3,10,11,12- 9S19W COROCO 10-05S19W | C-13518 C-16976 | BARRY | W LKC | LANS | 3200 NR | 12 NR | 35.3 NR |
| BARRY SOUTHEAST FIELD ----- | | | | | | | |
| ENERGY RESERVES 7-9S18W ROCKET-SCHUSTERMAN 7- 9S18W | CR12794 C-16334 | J. WERNER BEDARD WI | W D | LKC ARB | 3435 3495 | 40 NR | 25.0 28.0 |
| BAUMGARTEN FIELD ----- | | | | | | | |
| LADD PETROLEUM (KS) 30- ES18W | C-16521 | SOLLENBERGER | D | LKC | 3300 | 6 | 32.0 |

| INJECTION DATA | | | | | | | | | | | | PRODUCTION DATA | | | | PROJECT | |
|----------------|------|--------|-------|-----|--------------|---------|-----|-------------|-------|------|-------------|-----------------|-----|---------|------------|--|--|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | ENHANC | PROD NOTES | NO | |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | TOT | NEW | MB OR(MMCF) | | | | | | |
| | | | 1982 | --- | CUM | 1982 | --- | CUM | 1982 | --- | CUM | 1981 | --- | 1981 | --- | 1981 | |
| 1953 | T | PROD | 1 | 0 | 48.2 | 2665 | 1 | 0 | 1.3 | 417 | 0 | 80.0 | | | | C-3502 | |
| 1961 | T | PROD | 2 | 0 | 194 | 3575 | 4 | 0 | 8.5 | 1014 | 8.5 | 282 | | | | C-14300 C-7522 | |
| 1973 | T | PROD | 0 | 0 | 0 | 254 | 3 | 0 | 2.8 | 37.4 | 0 | 2.1 | | | | C-10813 | |
| 1958 | U | PROD | 1 | 0 | 45.6 | 621 | 4 | 0 | 8.1 | 202 | NR | NR | | | | C-16771 | |
| NR | | PROD | 1 | 0 | 14.3 | 25.3 | 3 | 0 | 0.5 | 152 | 0 | NR | | | | C-13650 | |
| 1968 | T | ARB | 5 | 0 | 1070 | 14735 | 17 | 0 | 34.4 | 5007 | 34.4 | 3312 | | | | C-10096 | |
| 1975 | T | PROD | 1 | 0 | 36.5 | 237 | 2 | 0 | 0.7 | 15.5 | 0.7 | 8.5 | | | | C-17667 | |
| 1976 | T | PROD | 1 | 0 | 14.6 | 83.3 | 1 | 0 | 1.2 | 13.7 | 1.2 | 4.3 | 83 | C-18250 | | | |
| NR | U | PROD | 5 | 0 | 342 | 2548 | 30 | 0 | 27.5 | 1778 | 2.7 | 310 | | | | C-12367 C-12187 C-10740 C-10733 C-9071 C-6848 | |
| 1969 | U | PROD | 1 | 0 | 80.0 | 1394 | 6 | 0 | NR | NR | 5.1 | 219 | | | | | |
| 1968 | T | PROD | 4 | 0 | 145 | 2089 | 2 | 0 | 5.0 | 246 | 5.0 | 246 | | | | C-14067 | |
| 1968 | U | PROD | 8 | 0 | 1305 | 20979 | 18 | 0 | 47.7 | 934 | 47.7 | 759 | | | | C-13518 | |
| NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 4 | C-16976 | | | |
| 1980 | U | PROD | 2 | 1 | 390 | 791 | 6 | 2 | 13.9 | 26.2 | 8.8 | 16.5 | | | | CR12794 | |
| 1972 | U | PROD | 1 | 0 | 960 | 8927 | 0 | 0 | 12.9 | 1234 | 0 | NR | | | | C-16334 | |
| 1974 | T | PROD | 1 | 0 | 3.3 | NR | 1 | 0 | 2.2 | 132 | 1.0 | 44.0 | | | | C-16521 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ ----- | OIL PRODUCING ZONE | | | |
|--|------------------------|-----------------------|---------------------|--------------------|-------|-----|------|
| | | | | NAME | DEPTH | THK | GRAV |
| ROOKS COUNTY ===== | | | | | | | |
| BAUMGARTEN FIELD ----- | | | | | | | |
| CITCO 19- 8S17W 25- 8S18W | CR-4779 | BAUMGARTEN | P | KC | 3344 | 15 | 28.0 |
| CHESNEY FIELD ----- | | | | | | | |
| KAISER-FRANCIS 12- 8S17W | C-9977 | CHESNEY | P | LKC | 3060 | 13 | 36.0 |
| DOPITA FIELD ----- | | | | | | | |
| CITCO 19- 8S17W 25- 8S18W | C-16960 | DOPITA L-KC COOP | W | TOR&LKC | 3090 | 20 | 27.0 |
| ENERGY RESERVES 24- 8S18W | C-8544 | MCMILLEN | W | TOR&LKC | 3136 | 197 | 29.5 |
| GEORGE F. CRAWFORD 31-8S17W | CR10774 | RUSS | | NEVA | NR | NR | NR |
| MURFIN DRILLING 5- 9S17W | C-16100 | THOMPSON WF | W | TOR | 3150 | 60 | 36.0 |
| MURFIN DRILLING 6- 9S17W | CR-9774 | GARVERT WF | W | TOR&LKC | 3072 | 50 | 32.0 |
| OKMAR OIL 6- 9S17W | C-15831 | MOOS | W | ARB | 3370 | 3 | 30.0 |
| SAMSON RESOURCES 19- 8S17W | C-11324 | KRUG WF | W | TOR&LAN | 3100 | 6 | 29.0 |
| DORR FIELD ----- | | | | | | | |
| CITCO 16,17,20,21- 9S16W | C-9161 | DORR UNIT | W | LKC | 3141 | 45 | 39.0 |
| HAROLD KRUEGER 20,21- 9S16W | C-15586 | OVERHOLSER | P | KC | 3350 | 4 | 37.0 |
| THEODORE GORE 16,21- 9S16W | C-13728 | CASEY | P | LKC | 3445 | 251 | 39.0 |
| EILERS FIELD ----- | | | | | | | |
| DAVIS BFC'S OIL PROD 22,27-10S18W | C-15048 | EILERS | D | LKC | 3500 | 75 | 32.0 |
| FINNESY SCUTT FIELD ----- | | | | | | | |
| DAVIS BFC'S OIL PROD 23,24-10S18W | C-7789 | SOUTH FINNESY WF | W | LKC | 3500 | 75 | 34.0 |
| DAVIS BFC'S OIL PROD 23-10S18W | C-14007 | SHEPARD B | P | LKC | 3376 | 22 | 34.5 |
| GROVER FIELD ----- | | | | | | | |
| A.L. ABERCROMBIE 22- 7S19W | C-12595 | ROY B | D | LKC | 3085 | 10 | 33.0 |
| KRUSE FIELD ----- | | | | | | | |
| CITCO 2,11-10S16W | C-10258 | KRUSE UNIT | W | COD&LKC | 3050 | 34 | 37.0 |
| LATON FIELD ----- | | | | | | | |
| CITCO 33,34- 8S16W 4- 9S16W | C-3504 | LATON POOL COOP | W | COD&LKC | 3070 | 53 | 33.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | PROJECT | |
|----------------|-----|------------|-------|-----|--------------|-------|-----|-------------|------|-----------------|------|-------|------|-----------------------------|--|
| FIRST YR | TYP | SOURCE | WELLS | | VOL INJ | WELLS | | PROD VOL | | ENHANC | PROD | NOTES | | | |
| YR | WTR | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | 1982 | CUM | 1982 | CUM | 1982 | CR(MMCF) | |
| | | | | | 1982 | | | | (98) | | (98) | | (98) | | |
| 1978 | T | PROD | 1 | 0 | 49.3 | 139 | 4 | 1 | 4.8 | 16.1 | 1.2 | 2.0 | | CR-4779 | |
| 1963 | T | PROD | 3 | 0 | 148 | 3749 | 3 | 0 | 3.2 | 170 | 3.2 | 36.4 | | C-9977 | |
| 1966 | T | PROD | 2 | 0 | 21.7 | 288 | 4 | 0 | 7.3 | 321 | 7.3 | 89.0 | | C-16960 C-12545 | |
| 1965 | U | PRCD | 1 | 0 | 67.2 | 1441 | 3 | 0 | 5.9 | 138 | 5.6 | 86.7 | | C-8544 C-4089 CR10774 | |
| NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | |
| 1971 | T | PROD | 1 | 0 | 65.0 | 1640 | 3 | 0 | 3.2 | NR | NR | NR | | C-16100 | |
| 1977 | T | PROD | 1 | 0 | 53.2 | 372 | 4 | 0 | 7.7 | 33.8 | NR | NR | | CR-9774 | |
| 1974 | U | PRCD | 1 | 0 | 50.8 | 557 | 1 | 0 | 1.3 | 15.4 | 0.4 | 14.7 | | C-15831 | |
| 1965 | T | PROD | 1 | 0 | 102 | 3192 | 5 | 0 | 6.2 | 789 | 6.2 | 215 | | C-11324 | |
| 1962 | T | PROD & DAK | 15 | 0 | 1790 | 29818 | 22 | 2 | 38.8 | 3202 | 38.8 | 1411 | | C-9161 C-2957 C-15586 | |
| 1970 | T | PROD | 1 | 0 | 5.5 | 180 | 1 | 0 | 1.4 | 71.4 | 0 | 0 | | | |
| 1962 | T | PROD | 1 | 0 | 107 | 3339 | 2 | 0 | 3.1 | 295 | 1.0 | 70.0 | | C-13728 | |
| 1969 | T | PROD | 1 | 0 | 20.9 | 599 | 8 | 0 | 7.8 | 400 | 7.8 | 400 | | C-15048 | |
| 1960 | T | PROD & DAK | 2 | 0 | 380 | 9921 | 7 | 0 | 11.9 | 466 | 11.9 | 466 | | C-7789 | |
| 1967 | T | PROD | 1 | 0 | 0 | 1809 | 1 | 0 | 1.2 | 93.2 | 1.2 | 93.2 | | C-14007 | |
| 1965 | U | PRCD | 1 | 0 | 45.8 | 985 | 2 | 0 | 8.0 | 308 | 0 | 99.4 | | C-12595 | |
| 1963 | T | PROD & DAK | 2 | 0 | 262 | 3840 | 4 | 0 | 6.8 | 607 | 6.8 | 244 | | C-10253 | |
| 1953 | T | PROC & DAK | 7 | 0 | 797 | 14857 | 18 | 2 | 37.8 | 2346 | 37.8 | 1439 | | C-3504 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP ----- | OIL PRODUCING ZONE | | | |
|--|------------------------|-----------------------|--------------|--------------------|----------------|--------------|---------------|
| | | | PRJ --- | NAME ----- | DEPTH ----- | THK ----- | GRAV ----- |
| ROCKS COUNTY ===== | | | | | | | |
| LATON FIELD ----- | | | | | | | |
| CO-CO 34- 8S16W | C-6619 | DOANE-SWISHER | W | TOR&LKC | 3020 | 52 | 39.0 |
| CC-CO 11,12- 9S16W | C-7831 | LUHMAN COOP WF | W | TOR&LKC | 3180 | 34 | 39.0 |
| CG-CO 3- 9S16W | C-12140 | GAMBLE-MCFADDEN E | W | TOR&LKC | 3070 | 52 | 39.0 |
| CO-CO 14- 9S16W | C-12702 | BLANK COOP WF | W | TOR&LKC | 3190 | 45 | 39.0 |
| HAROLD KRUEGER 10,11- 9S16W | C-18499 | LATON FLD PROJECT | W | KC | 3240 | 5 | 39.0 |
| MURFIN DRILLING 27,28- 8S16W | C-13043 | NORTH LAYTON UNIT | W | LKC | 3060 | 50 | 38.0 |
| MURFIN DRILLING 2,3,11- 9S16W | C-11333 | LI BE BAX WF | W | LKC | 3100 | 30 | 38.0 |
| MARCOTTE FIELD ----- | | | | | | | |
| ENERGY RESERVES 4-10S20W | C-16626 | L.H. HALL | | ARB&LKC | 3644 | 85 | NR |
| KAISER-FRANCIS 36- 9S20W | C-16628 | GISH C | D | ARB | 3825 | 4 | 27.0 |
| NADEL & GUSSMAN 14-10S20W | C-12517 | STITHEM-ELIZA | W | LKC | 3793 | 17 | 29.0 |
| NADEL & GUSSMAN 6-10S 5W | C-15992 | GISH | | LKC | 3480 | 10 | 29.0 |
| OKMAR OIL 18-10S19W | C-10570 | MARCOTTE | W | LKC | 3500 | 5 | 33.0 |
| PHILLIPS PETROLEUM 13-10S20W | C-18410 | EARL C | P | LKC | 3460 | 92 | 35.0 |
| MCCLELLAN FIELD ----- | | | | | | | |
| ENERGY RESERVES 9- 9S19W | C-15302 | MCCLELLAN | D | LKC | 3267 | 180 | 32.0 |
| ROBERT E. DAVIS 8- 9S19W | C-15529 | MCCLELLAN FLOOD | W | LKC | 3500 | 5 | 35.0 |
| MINNIE C FIELD ----- | | | | | | | |
| OKMAR OIL 10-9S17W | CR-5776 | FLEGG | W | PLEAS | NR | NR | NR |
| NATOMA FIELD ----- | | | | | | | |
| CITCO 14,15-10S16W | C-16483 | NATOMA UNIT | W | LKC | 3250 | 8 | 35.0 |
| NETTIE FIELD ----- | | | | | | | |
| LEBEN OIL 2-10S17W | C-15354 | NETTIE EAST | | TOR | 3181 | 269 | 36.0 |
| PHILLIPS PETROLEUM 33,34- 9S17W 3,4-10S17W | C-11849 | NETTIE UNIT | W | PEN&ARB | 3525 | 33 | 35.0 |
| NETTIE NORTHWEST FIELD ----- | | | | | | | |
| DAVIS BRO'S OIL PROD 28,29- 9S17W | C-15389 | REMPPE A & B | D | LKC | 3289 | 30 | 30.4 |
| NYRA FIELD ----- | | | | | | | |
| SOUTHERN STATES OIL 9- 9S17W | C-15129 | THOMPSON | P | ARB&KC | 3194 | 10 | 28.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | PROJECT | | | | | |
|----------------|------|-------------|-------|-----|--------------|---------|-----|-------------|------|-----------------|----------|--------|--------|------|---------|----|--|--|--|--|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | WELLS | | | PROD VOL | | ENHANC | PROD | NOTES | NO | | | | |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | 1982 | CUM | 1982 | CUM | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 1982 | CUM | | | | 1982 | CUM | | | | | | | | |
| | | | | | | (98) | | | | | (98) | | | | | | | | | |
| 1962 | M | PROD & DAK | 3 | 0 | 349 | 3926 | 7 | 0 | 10.3 | 653 | 10.3 | 653 | | | C-6619 | | | | | |
| 1965 | M | PROC & DAK | 2 | 0 | 187 | 2301 | 3 | 0 | 3.9 | 67.7 | 3.9 | 67.7 | | | C-7831 | | | | | |
| 1963 | M | PROD & DAK | 4 | 0 | 450 | 6440 | 7 | 0 | 10.1 | 558 | 10.1 | 558 | | | C-12140 | | | | | |
| 1966 | M | PROD & DAK | 1 | 0 | 80.7 | 1549 | 3 | 0 | 2.5 | 98.9 | 2.5 | 98.9 | | | C-7166 | | | | | |
| | | | | | | | | | | | | | | | C-12702 | | | | | |
| 1965 | T | PROD | 1 | 0 | 70.7 | 2200 | 14 | 0 | 24.6 | 1408 | 12.3 | 516 | | | C-10499 | | | | | |
| 1960 | M | PRCD & DAK | 4 | 0 | 258 | 5329 | 6 | 0 | 9.6 | 277 | NR | NR | | | C-13043 | | | | | |
| 1956 | M | PROD & DAK | 11 | 0 | 506 | 8832 | 14 | 0 | 11.0 | 1395 | NR | NR | | | C-11333 | | | | | |
| | | | | | | | | | | C-11185 | C-11184 | C-9350 | | | C-6050 | | | | | |
| 1972 | | PROD | 0 | 0 | 0 | 845 | 3 | 0 | 4.9 | 55.3 | 0 | 14.0 | | | C-16626 | | | | | |
| NR | U | PROD | 1 | 0 | 69.0 | NR | 1 | 0 | 2.0 | 256 | 0 | NR | | | C-16628 | | | | | |
| 1966 | T | PROD | 1 | 0 | 41.8 | 639 | 16 | 0 | 29.4 | NR | 3.0 | NR | | | C-12517 | | | | | |
| NR | | NR | 0 | 0 | 0 | NR | 2 | 0 | 2.6 | NR | 0 | NR | 2 | | C-15992 | | | | | |
| 1969 | U | PROC & ARB | 1 | 0 | 262 | 2799 | 1 | 0 | 0.7 | 518 | 0.7 | 41.7 | | | C-10570 | | | | | |
| 1976 | U | PRCD | 1 | 0 | 116 | 688 | 2 | 0 | 3.8 | 96.8 | 0 | 0 | | | C-18410 | | | | | |
| 1970 | T | PROD | 1 | 0 | 52.1 | 940 | 3 | 0 | 1.4 | 32.5 | 1.4 | 20.5 | | | C-15302 | | | | | |
| 1969 | U | PROD | 4 | 1 | 291 | 4488 | 11 | 0 | 13.0 | 483 | 13.0 | 151 | | | C-15529 | | | | | |
| 1978 | U | PROD | 1 | 0 | 10.9 | 37.4 | 1 | 0 | 1.3 | 42.7 | 0 | NR | | | CR-5776 | | | | | |
| 1972 | T | PROD & CHEY | 4 | 0 | 331 | 3759 | 4 | 0 | 11.0 | 484 | 11.0 | 167 | | | C-16483 | | | | | |
| 1970 | T | PROD | 6 | 0 | 901 | 10561 | 7 | 0 | 14.0 | 298 | 7.0 | 149 | | | C-15354 | | | | | |
| 1965 | U | PROD | 8 | 0 | 1362 | 18700 | 26 | 0 | 53.4 | 2178 | 51.3 | 1259 | | | C-11849 | | | | | |
| 1969 | T | PROD | 1 | 0 | 112 | 1060 | 2 | 0 | 1.6 | 97.5 | 1.6 | 97.5 | | | C-15389 | | | | | |
| 1965 | T | PROD | 3 | 0 | 522 | 2236 | 6 | 0 | 8.0 | 307 | 8.0 | 307 | | | C-15129 | | | | | |
| | | | | | | | | | | | | | | | C-11302 | | | | | |

| OPERATOR LOCATION | PROJECT NO | PROJECT NAME | TYP PRJ | OIL PRODUCING ZONE | | | |
|-------------------------------------|---------------|-------------------------|------------|--------------------|-------|-----|------|
| | | | | NAME | DEPTH | THK | GRAV |
| ROOKS COUNTY | | | | | | | |
| PARADISE CREEK FIELD | | | | | | | |
| CITCO 16,21-09S18W | CR-5791 | PARADISE CREEK L-KC UNI | W | LKC | 3300 | 200 | NR |
| PAUL H. WILLIAMS 27,28- 9S18W | C-15855 | SOUTH PARADISE CREEK | P | LKC | 3324 | 5 | 37.0 |
| PLAINVILLE FIELD | | | | | | | |
| DAVIS BROS OIL PROD 6,7-10S17W | C-12384 | PLAINVILLE WF | W | LKC | 3500 | 75 | 34.0 |
| DAVIS BROS OIL PROD 17,18-10S17W | C-14009 | S PLAINVILLE UNIT #3 | P | LKC | 3500 | 75 | 34.0 |
| DAVIS BROS OIL PROD 8-10S17W | C-13187 | WINTER-PLANTE #2 | W | LKC | 3500 | 75 | 34.0 |
| RIFFE FIELD | | | | | | | |
| SIERRA PETROLEUM 4,5,8,9- 7S19W | C-16341 | RIFFE UNIT | W | LAN&TOR | 3180 | 7 | 34.5 |
| SIMONS FIELD | | | | | | | |
| THORNTON E. ANDERSON 11- 7S17W | C-16831 | SIMONS | P | LKC&TOP | 2758 | 20 | 38.0 |
| TRICO FIELD | | | | | | | |
| CITCO 33-10S20W | C-16056 | TRICO LKC ARB UNIT | W | LKC&ARB | 3580 | 24 | 31.0 |
| KAISET-FRANCIS 28-10S20W | C-13998 | WILLIAMS | D | ARB | 3747 | 9 | 29.5 |
| MONSANTO 28-10S20W | C-9412 | TRIBLE | | ARB | NR | NR | NR |
| MURFIN DRILLING 34-10S20W | C-10794 | BRIGGS-HARLAN WF | P | LKC | 3500 | 37 | 28.0 |
| TWIN MOUNDS FIELD | | | | | | | |
| PICKRELL DRILLING 3,4- 9S17W | C-17404 | TWIN MOUNDS UNIT | W | L PLEAS | 3426 | 7 | 34.0 |
| VOHS FIELD | | | | | | | |
| ARCO 13-10S19W | C-12298 | H.J. VOHS A | W | LKC | 3280 | 32 | 35.1 |
| ENERGY RESERVES | | | | | | | |
| 12-10S19W | C-13602 | SENECAL | W | LKC | 3305 | 105 | 35.4 |
| WEBSTER FIELD | | | | | | | |
| PHILLIPS PETROLEUM 33- 8S19W | C-14335 | FIDELIS | W | LKC | 3180 | 20 | 36.0 |
| WESTHUSIN FIELD | | | | | | | |
| ARCO 12- 9S17W | C-10080 | R.J. MCCLAY | W | LKC | 3130 | 254 | 35.4 |
| D.J. MARKLEY 13- 9S17W | CR-9803 | SMITH | D | LKC | 3400 | 290 | 34.0 |
| HAROLD KRLEGER 18- 9S16W | CR-5784 | COLAHAN & DOUGHERTY B | P | KC | 3150 | 4 | 37.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | PROJECT | | |
|----------------|------|-------------|-------|-----|--------------|-------|-------|-----|----------|-----------------|-------------|------|-------------|---------|---------|---------|--|
| FIRST YR | TYPE | SOURCE | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC PROD | | NOTES | NO | | | |
| | | | TOT | NEW | MB OR (MMCF) | 1982 | CUM | TOT | NEW | MB CR(MMCF) | 1982 | CUM | MB OR(MMCF) | 1982 | CUM | | |
| | | | | | (18) | | | | | | (18) | | | (18) | | | |
| 1978 | T | PROD | 3 | 0 | 188 | 531 | 9 | 0 | 8.1 | 518 | 0 | 1.3 | | | | CR-5791 | |
| 1972 | M | PROD | 3 | 0 | 29.0 | NR | 1 | 0 | 2.0 | NR | 7.9 | NR | | | | C-15855 | |
| 1965 | T | PROD & DAK | 4 | 0 | 463 | 10185 | 17 | 0 | 23.0 | 873 | 23.0 | 873 | | | | C-12384 | |
| 1968 | T | PROD | 2 | 0 | 29.3 | 1645 | 9 | 0 | 5.4 | 162 | 5.4 | 162 | | | | C-14009 | |
| 1967 | T | PROD & DAK | 3 | 0 | 427 | 4633 | 9 | 0 | 12.4 | 426 | 12.4 | 426 | | | | C-13187 | |
| 1972 | T | PROD&CHEY | 2 | 0 | 226 | 4166 | 9 | 0 | 11.5 | 149 | 11.5 | 149 | | | | C-16341 | |
| 1973 | U | PROD | 1 | 0 | 28.0 | 229 | 2 | 0 | 4.1 | 124 | 0.7 | 8.2 | | | | C-16831 | |
| 1972 | T | PROD & DAK | 5 | 0 | 362 | 4467 | 8 | 0 | 21.6 | 1260 | 21.6 | 235 | | | | C-16056 | |
| 1968 | L | PROD | 1 | 0 | 39.1 | 243 | 2 | 0 | 4.9 | 338 | 0 | NR | | | | C-13998 | |
| NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 84 | | | C-9412 | |
| 1964 | T | PROD | 1 | 0 | 1.0 | 301 | 1 | 0 | 2.7 | 91.2 | NR | NR | | | | C-10794 | |
| 1974 | U | DAK | 2 | 0 | 63.2 | 433 | 8 | 0 | 20.3 | 413 | 15.6 | 117 | | | | C-17404 | |
| 1965 | U | PROD & ARB | 1 | 0 | 274 | 6264 | 5 | 0 | 10.4 | 1270 | 10.4 | 1270 | | | | C-12298 | |
| 1967 | T | PROD | 1 | 0 | 13.3 | 514 | 1 | 0 | 1.3 | 90.4 | 1.3 | 57.0 | | | | C-13602 | |
| 1968 | M | PROD & CEDH | 2 | 0 | 261 | 2246 | 4 | 0 | 7.5 | 330 | 6.8 | 23.2 | | | | C-14335 | |
| 1963 | U | PROD | 5 | 0 | 616 | 12117 | 4 | 0 | 6.1 | 1094 | 6.1 | 1094 | | | | C-10080 | |
| 1980 | T | PROD | 1 | 0 | 32.9 | 65.7 | 2 | 1 | 2.5 | 3.8 | 0 | NR | | | | CR-9803 | |
| 1967 | T | PROD | 1 | 0 | 7.0 | 647 | 2 | 0 | 4.1 | 229 | 1.4 | 34.6 | | | | CR-5784 | |
| | | | | | | | | | | | | | C-13645 | C-11774 | | | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- |
|--|------------------------|-----------------------|-------------------|--|
|--|------------------------|-----------------------|-------------------|--|

ROOKS COUNTY
=====

WESTHUSIN FIELD

| | | | | | | | |
|---------------------------------|---------|----------------|---|-----|------|----|------|
| HAROLD KRUEGER 13- SS17W | C-13647 | MARY DOUGHERTY | P | KC | 3150 | 5 | 37.0 |
| TERRA RESOURCES 11,12- 9S17W | C-10108 | WESTHUSIN UNIT | W | LKC | 3130 | 20 | 30.8 |

ZURICH FIELD

| | | | | | | | |
|---------------------------------|---------|----------------------|---|---------|------|----|------|
| CITCO 27- SS19W | C-17039 | ZURICH TOWNSITE UNIT | W | TOR&LKC | 3360 | 1 | NR |
| MURFIN DRILLING 26,35-10S19W | C-6581 | MCCULLOUGH | W | LKC | 3300 | 25 | 32.0 |

*SEE ALSO ELLIS-ROOKS

RUSH COUNTY
=====

BASGALL WEST FIELD

| | | | | | | | |
|-----------------------------|---------|-----------|---|-----|------|-----|------|
| ENERGY RESERVES 4-16S17W | C-16776 | D.R. ROTH | W | LKC | 3200 | 220 | 35.3 |
|-----------------------------|---------|-----------|---|-----|------|-----|------|

PLEASANT VIEW FIELD

| | | | | | | | |
|--|---------|--------------|---|-----|------|---|------|
| SOUTHERN STATES OIL 10,14,15-16S17W | C-16358 | BASGALL ETAL | P | LKC | 3300 | 6 | 35.0 |
|--|---------|--------------|---|-----|------|---|------|

REICHEL FIELD

| | | | | | | | |
|---------------------------------|---------|-----------|---|-----|------|---|------|
| SOUTHERN STATES OIL 3-16S17W | CR11775 | BASGALL B | P | LKC | 3442 | 8 | 36.0 |
|---------------------------------|---------|-----------|---|-----|------|---|------|

SCHEUERMAN FIELD

| | | | | | | | |
|--------------------------------|---------|--------|---|------|------|---|------|
| PICKRELL DRILLING 34-18S20W | CR12774 | BOTT C | D | CHER | 4135 | 7 | 35.0 |
|--------------------------------|---------|--------|---|------|------|---|------|

RUSSELL COUNTY
=====

BAXTER FIELD

| | | | | | | | |
|--------------------|---------|----------|---|---------|------|----|------|
| CITCO 33-14S15W | C-14534 | BAXTER A | W | TOR&LKC | 3118 | 28 | 32.0 |
|--------------------|---------|----------|---|---------|------|----|------|

BOXBERGER WEST FIELD

| | | | | | | | |
|--------------------------------|---------|-------------|---|------|------|----|------|
| HELMERICH & PAYNE 34-15S15W | C-17274 | MORGENSTERN | P | LANS | 3200 | 26 | 32.0 |
|--------------------------------|---------|-------------|---|------|------|----|------|

DAVIDSON FIELD

| | | | | | | | |
|----------------------------------|---------|------------------|---|------|------|----|------|
| KWB OIL 29-15S11W | C-11475 | CHEGWIDDEN LEASE | D | LKC | 3020 | 15 | 36.0 |
| LADD PETROLEUM (KS) 34-15S11W | C-12723 | PELZ-SCHREIBER | | LANS | NR | NR | NR |

DRISCOLL FIELD

| | | | | | | | |
|------------------------------|---------|----------|---|----|------|-----|------|
| R & H OIL & GAS 19-15S11W | CR11795 | DRISCOLL | D | KC | 3340 | 270 | 34.0 |
|------------------------------|---------|----------|---|----|------|-----|------|

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | PROJECT | |
|----------------|------|------------|-------|-----|--------------|------|-------|-----|----------|-----------------|--------|------|-------|----|------------------|--|
| FIRST YR | TYPE | SOURCE | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC | PROD | NOTES | NO | | |
| | | | TOT | NEW | MB OR (MMCF) | 1982 | CUM | TOT | NEW | MB CR(MMCF) | 1982 | CUM | | | | |
| 1967 | T | PROD | 1 | 0 | 88.4 | 1216 | | 7 | 0 | 7.6 | 300 | 2.5 | 65.4 | | C-13647 | |
| 1963 | T | PROD | 3 | 0 | 356 | 9689 | | 8 | 0 | 14.1 | 1463 | 14.1 | 592 | | C-10108 | |
| 1974 | M | PROD & FR | 3 | 0 | 507 | 3648 | | 6 | 0 | 14.7 | 562 | 14.7 | 121 | | C-17039 | |
| 1968 | M | PROD & DAK | 1 | 0 | 221 | 1020 | | 5 | 0 | 8.4 | 147 | NR | NR | | C-6581 C-6557 | |
| 1973 | M | PROD & DAK | 1 | 0 | 52.6 | 521 | | 4 | 0 | 4.9 | 208 | 4.1 | 131 | | C-16776 | |
| 1972 | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 85 | C-16358 | |
| 1978 | U | PROD | 1 | 0 | 29.9 | 120 | | 2 | 0 | 3.2 | 15.6 | 3.2 | 15.6 | 86 | CR11775 | |
| 1978 | U | PROD | 1 | 0 | 32.1 | 262 | | 3 | 0 | 4.1 | 139 | 0 | 0 | | CR12774 | |
| 1968 | | PROD | 1 | 0 | 9.5 | 98.5 | | 2 | 0 | 3.2 | 92.0 | 3.2 | 19.7 | | C-14534 | |
| 1974 | M | DAK | 1 | 0 | 93.1 | 514 | | 3 | 0 | 3.8 | 297 | 3.8 | 55.9 | | C-17274 | |
| 1965 | T | PROD | 1 | 0 | 22.6 | 794 | | 2 | 0 | 1.7 | NR | 1.7 | NR | | C-11475 | |
| NR | U | PROD | 0 | 0 | 0 | NR | | 1 | 0 | 0.5 | NR | 0 | NR | 2 | C-12723 | |
| 1975 | U | PROD | 1 | 0 | 121 | NR | | 5 | 0 | 2.0 | NR | 0.5 | NR | | CR11795 | |

| OPERATOR ----- LOCATION | PROJECT ----- NO | PROJECT NAME ----- | TYP ----- PRJ | OIL PRODUCING ZONE | | | |
|---|------------------------|-----------------------|---------------------|--------------------|-------|-----|------|
| | | | | NAME | DEPTH | THK | GRAV |
| RUSSELL COUNTY ===== | | | | | | | |
| EULERT FIELD ----- | | | | | | | |
| ARCO 35-11S15W | C-14451 | EULERT UNIT | W | TOP&LKC | 2990 | 27 | 36.7 |
| SHIELDS OIL PRODUCER 34-11S15W | C-16754 | EULERT | D | ARB | 3260 | 10 | 33.0 |
| FAIRPORT FIELD ----- | | | | | | | |
| AYLWARD DRILLING 32-11S15W | C-11553 | BOOTH | P | LKC | 2850 | 22 | 30.0 |
| ENERGY RESERVES 32-11S15W | C-15009 | BOOTH A | W | CCC&LAN | 2875 | 10 | 33.4 |
| ENERGY RESERVES 8,30,31-12S15W 25,36-12S16W | C-14224 | AUSTIN WF UNIT | W | LKC | 3000 | 121 | 36.4 |
| ENERGY RESERVES 8-12S15W | C-11344 | OSWALD | W | LKC | 2911 | 31 | 35.9 |
| JCHN O. FARMER 20-12S15W | C-14502 | FAIRPORT WF | P | LKC | 3000 | 5 | 39.0 |
| MAI OPERATIONS 20-12S15W | C-16012 | MILKE-KRUG | W | LKC | 3000 | 6 | 36.0 |
| MAI OPERATIONS 10,15,16-12S15W | C-12911 | BELLER | W | LKC | 2970 | 6 | 36.0 |
| MAI OPERATIONS 9-12S15W | C-13149 | SUTTON B | W | LKC | 2961 | 6 | 37.6 |
| MAI OPERATIONS 4,9-12S15W | CR-7786 | SUTTON-BRUNDAGE | W | LKC&TRK | 2940 | 70 | 35.0 |
| R.P. NIXON OPERATION 20-12S15W | C-15693 | GIBBS | D | LKC | 3001 | 30 | 38.0 |
| SHIELDS OIL PRODUCER 4-12S15W | CR-8786 | EULERT B | W | TARKIO | 2375 | NR | 29.0 |
| SCHIO PETROLEUM 30-12S15W | C-13056 | DECKERT | W | LKC | 3020 | 36 | 34.9 |
| SCHIO PETROLEUM 5-12S15W | C-17612 | SUTTON COOP WF | W | LKC | NR | NR | NR |
| SCHIO PETROLEUM 8-12S15W | C-18706 | MIDDLE FAIRPORT | W | TRK&LKC | NR | NR | 33.5 |
| SCHIO PETROLEUM 19-12S15W | C-13057 | RUSCH A | W | LKC | 3020 | 36 | 37.5 |
| SCHIO PETROLEUM 19-12S15W | C-13058 | RUSCH B | W | LKC | 3020 | 36 | 38.6 |
| TEXACO 31-12S15W | C-6472 | JACOBS | W | LANS | 3000 | 34 | 33.0 |
| GCRHAM FIELD ----- | | | | | | | |
| A.F. SCHMIDT 7-14S14W | CR-6781 | SCHMIDT | | LKC® | 3089 | 4 | 35.0 |
| BILL MORRIS III 6-15S14W | C-13077 | VON FELDT | W | KC | 2965 | 5 | 33.0 |
| BROUGHER OIL 33-13S15W | C-10922 | MILLS B | W | LANS | NR | NR | NR |
| HOME STAKE PROD 32,33-13S15W 3,4,E-14S15W | C-9846 | GORHAM | W | LKC | 3050 | 28 | 36.0 |
| JAY HUTCHINSON 24-14S15W | C-17645 | REINHARDT | | ARB | 3230 | 10 | 34.0 |
| J.L. KING OIL OPERAT 36-14S15W 1-15S15W | C-11901 | SCHWEIN-HALL UNIT | D | GORHAM | NR | NR | NR |
| J.L. KING OIL OPERAT 31-14S14W 6-15S14W | C-12022 | DUMLER-MUDD | | GORHAM | NR | NR | NR |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|------|------------|-------|-----|--------------|---------|-----|-------------|-------|-----------------|-------------|----------|--|--|--------|------------------------------|------------------|----|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD | NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | TOT | NEW | MB OR(MMCF) | CUM | | | | | | |
| | | | | | 1982 | | | | | | | 1982 | | | | | | |
| | | | | | 1981 | | | | | | | 1981 | | | | | | |
| 1968 | L | PROC & ARB | 6 | 0 | 1997 | 21006 | 10 | 0 | 30.0 | 604 | 30.0 | 604 | | | | | C-14451 | |
| 1972 | U | PRCD | 1 | 0 | 74.3 | 892 | 1 | 0 | 1.8 | 27.5 | 0.8 | 6.7 | | | | | C-16754 | |
| 1965 | T | PRCD | 0 | 0 | 0 | 2909 | 6 | 0 | 7.8 | 372 | 7.8 | 171 | | | | | C-11553 | |
| 1956 | U | PRCD | 1 | 0 | 43.1 | 3344 | 3 | 0 | 6.1 | 1078 | 6.1 | 593 | | | | | C-15009 | |
| 1956 | U | PROD | 4 | 0 | 756 | 14438 | 13 | 0 | 25.1 | 3071 | 25.1 | 1689 | | | | | C-4976 | |
| | | | | | | | | | | | | | | | | C-14224 | | |
| | | | | | | | | | | | | | | | | C-12481 C-5094 C-5055 C-3243 | | |
| 1964 | U | PROC & DAK | 5 | 0 | 902 | 12705 | 14 | 0 | 36.3 | 3442 | 36.3 | 1893 | | | | | C-11344 | |
| 1968 | U | PROD | 1 | 0 | 19.3 | 206 | 3 | 0 | 2.3 | 148 | 0 | 0 | | | | | C-14502 | |
| 1971 | T | PROD | 3 | 0 | 172 | 2328 | 10 | 0 | 8.5 | 582 | 6.4 | 86.8 | | | | | C-16012 | |
| 1966 | T | PROD | 5 | 0 | 257 | 4138 | 11 | 0 | 13.6 | 1274 | 10.9 | 354 | | | | | C-12911 | |
| 1970 | T | PROD | 3 | 0 | 195 | 2467 | 8 | 0 | 9.1 | 282 | 6.4 | 102 | | | | | C-13149 | |
| 1979 | T | PROD | 1 | 0 | 118 | 347 | 14 | 0 | 24.6 | 364 | 7.4 | 14.5 | | | | | CR-7786 | |
| 1970 | T | PRCD | 2 | 0 | 319 | 1993 | 6 | 0 | 11.0 | 123 | 11.0 | 57.6 | | | | | C-15693 | |
| 1979 | U | PROD | 1 | 0 | 70.5 | 178 | 4 | 0 | 4.9 | 10.9 | 3.3 | 6.9 | | | | | CR-8786 | |
| 1967 | T | PRCD & DAK | 1 | 0 | 95.1 | 1365 | 4 | 1 | 17.4 | 289 | 17.4 | 167 | | | | | C-13056 | |
| NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | | | C-17612 | |
| 1977 | T | PROD & DAK | 12 | 0 | 1192 | 5016 | 45 | 0 | 169 | 1245 | 169 | 957 | | | | | C-18706 | |
| 1967 | T | PROD & DAK | 1 | 0 | 150 | 1883 | 2 | 0 | 6.0 | 214 | 6.0 | 163 | | | | | C-13057 | |
| 1967 | T | PROC & DAK | 2 | 0 | 304 | 3475 | 3 | 0 | 4.9 | 108 | 4.9 | 82.9 | | | | | C-13058 | |
| 1958 | NR | NR | 1 | 0 | 361 | 6669 | 6 | 0 | 13.7 | 585 | 0 | 0 | | | | | C-6472 | |
| 1965 | U | PROD | 1 | 0 | 63.0 | NR | 2 | 1 | 3.7 | NR | 0 | 0 | | | | | CR-6781 | |
| 1962 | T | PRCD | 1 | 0 | 110 | 2000 | 3 | 0 | 3.3 | 107 | 1.4 | 32.0 | | | | | C-13077 | |
| NR | U | PROD | 1 | 0 | 180 | 1800 | 2 | 0 | 3.0 | 450 | 3.0 | 140 | | | | | C-10922 | |
| 1962 | T | PRCD | 10 | 0 | 2684 | 64129 | 29 | 0 | 47.7 | 2436 | 47.7 | 2436 | | | | | C-9846 C-9137 | |
| 1974 | NR | NR | 1 | 0 | 420 | 2370 | 2 | 0 | 4.2 | 23.7 | 0.8 | 2.4 | | | | | C-17645 | |
| NR | U | PROD | 1 | 0 | 475 | 7404 | 9 | 0 | 7.1 | 108 | 3.4 | 34.5 | | | | | C-11901 | |
| NR | NR | NR | 1 | 0 | 456 | 7864 | 7 | 0 | 4.2 | 47.7 | 1.4 | 12.4 | | | | | C-12022 | |

| OPERATOR ----- LCCATICA ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- |
|--|------------------------|-----------------------|-------------------|--|
| RLSELL CCOUNTY | | | | |
| GCRHAM FIELD | | | | |
| LEBEN OIL 4-14S15W | C-10923 | MILLS A | | LANS 3050 90 56.0 |
| OKMAR OIL 17-14S14W | C-12345 | VAUGHN | W | LANS 3180 8 40.0 |
| FETRO-LEWIS 30-13S14W | C-17573 | ATHERTON | D | LKC 3209 13 31.0 |
| PHILLIPS PETROLEUM 18-14S14W | C-1354 | CARROLL | W | LKC 3100 50 41.0 |
| ROY VONFELDT 11-14S15W | CR-5811 | DUMLER C | W | LKC 3029 12 NR |
| TERRA RESOURCES 19-14S14W | C-15950 | REINHARDT D | D | LKC 3055 18 34.0 |
| TEXACO 20-14S14W | C-10618 | D. BRANDENBURG | W | LANS 3100 NR 38.3 |
| HALL-GURNEY FIELD | | | | |
| AM PETROFINA TEXAS 11-14S14W | C-9395 | J. BLEHM | W | TARKIO 2380 10 36.0 |
| AM PETROFINA TEXAS 4-15S12W | C-14923 | KUHNLE | D | LKC 2953 28 38.3 |
| AM PETROFINA TEXAS 17,20-14S13W | C-6968 | TARKIO UNIT | W | TARKIO 2315 10 41.0 |
| AM PETROFINA TEXAS 17,19-14S13W | C-9516 | REIN | W | TARKIO 3410 10 38.0 |
| ARROWHEAD PETROLEUM 14-15S12W | C-17789 | KAUFMAN A | P | LKC 3109 5 36.0 |
| AYLWARD DRILLING 26-14S14W | C-7165 | HERBEL B | P | LKC 2924 20 38.0 |
| AYLWARD DRILLING 26-14S14W | C-7619 | BOXBERGER | P | LKC&TOP 2928 79 36.0 |
| AYLWARD DRILLING 21-14S14W | C-9425 | ANSCHUTZ | D | LKC 3127 20 37.0 |
| AYLWARD DRILLING 22-14S14W | C-7950 | HOLL B | P | LKC 2950 22 37.0 |
| AYLWARD DRILLING 22-14S14W | C-4543 | HOLL A | P | LKC 3000 22 36.0 |
| AYLWARD DRILLING 22-14S14W | C-7946 | HOLL A | P | TARKIO 2425 22 36.0 |
| AYLWARD DRILLING 15,22-14S14W | C-8293 | H. A. FINK | P | LANS 3000 22 NR |
| AYLWARD DRILLING 26-14S14W | C-7167 | J. BOXBERGER | P | LKC 2292 18 39.0 |
| AYLWARD DRLG | C-13157 | HOLL C | P | LKC 3027 60 33.0 |
| 21-14S14W | | | | |
| BLANKE BROS PETR 20-14S12W | C-11343 | ROYLONG | D | TARKIO 2295 7 38.0 |
| BLANKE BROS PETR 4-15S12W | C-8566 | MAJOR | D | LKC 2940 8 37.0 |
| CARL W. BOXBERGER 14-14S14W | C-15814 | BOXBERGER B | D | LKC 3000 10 38.0 |
| CITCO 15-15S12W | C-6101 | KASTRUP | P | LKC 2930 48 NR |
| CITCO 9,16,10-15S12W | CR-7777 | ZEMAN LKC COOP WF | W | LKC 3000 83 NR |
| CITCO 28,29-14S13W | C-2328 | CARTER-GRAHAM COOP WF | W | LKC 2880 23 37.0 |
| CITCO 25-14S13W | C-16582 | WEIMEISTER | D | LKC&TRK 3652 26 39.1 |
| CITCO 24,26-14S14W | C-7524 | HALL-GURNEY LKC | W | LKC 2880 66 39.0 |

| INJECTION DATA | | | | | | | PRODUCTION DATA | | | | | | | PROJECT | |
|----------------|------|-------------|-------|-----|--------------|-------|-----------------|-------|------|-------------|------|------|-------------|---------|-------------------------|
| FIRST YR | TYPE | SOURCE | WELLS | | VOL INJ | | | WELLS | | PROD VOL | | | ENHANC PROD | NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | CUM | | TOT | NEW | MB CR(MMCF) | CUM | | | | |
| | | | | | 1982 | 1981 | | | | 1982 | 1981 | | 1982 | 1981 | |
| 1964 | T | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 | C-10923 |
| 1966 | U | PROD | 1 | 0 | 330 | 8952 | 4 | 0 | 7.2 | 722 | 4.8 | 214 | | | C-12345 |
| NR | U | PROD | 2 | 0 | 272 | NR | 8 | 0 | 3.1 | NR | 3.1 | NR | | | C-17573 |
| 1967 | L | PROD | 3 | 0 | 624 | 14346 | 4 | 0 | 4.1 | 1278 | 4.1 | 407 | | | C-1354 |
| 1981 | T | PROD | 2 | 0 | 438 | 438 | 8 | 2 | 20.1 | 20.1 | 0 | 0 | | | CR-5811 |
| 1964 | T | PROD | 1 | 0 | 347 | 11853 | 2 | 0 | 2.2 | 1868 | 2.2 | 331 | | | C-15950 |
| 1964 | T | PROD | 1 | 0 | 23.4 | 8001 | 1 | 0 | 2.9 | 294 | 0 | 0 | | | C-10518 C-4098 |
| 1962 | U | PROD & DAK | 1 | 0 | 19.7 | 1213 | 3 | 0 | 1.6 | 96.0 | 1.3 | 36.5 | | | C-9395 |
| 1969 | L | PROD & GOR | 1 | 0 | 25.6 | 473 | 2 | 0 | 3.0 | 392 | 2.5 | 50.6 | | | C-14923 |
| 1967 | U | PROD & DAK | 1 | 0 | 120 | 5001 | 3 | 0 | 1.5 | 90.1 | 1.5 | 58.1 | | | C-5968 |
| 1962 | L | PROD & DAK | 1 | 0 | 6.6 | 3670 | 2 | 0 | 1.0 | 583 | 1.0 | 57.1 | | | C-9516 |
| NR | U | PROD | 1 | 0 | 16.4 | NR | 2 | 0 | 0.8 | 28.1 | 0 | 0 | | | C-17789 |
| 1959 | T | PROD | 1 | 0 | 11.4 | 527 | 3 | 0 | 1.8 | 122 | 1.8 | 108 | | | C-7165 |
| 1950 | M | PROD & DAK | 2 | 0 | 211 | 4128 | 4 | 0 | 1.8 | 173 | 1.8 | 5.9 | | | C-7619 |
| 1962 | T | PROD | 2 | 0 | 306 | 3399 | 7 | 0 | 3.6 | 112 | 3.6 | 89.9 | | | C-9425 |
| 1970 | T | PROD & DAK | 2 | 0 | 412 | 4699 | 10 | 0 | 6.0 | 648 | 6.0 | 560 | | | C-7650 |
| 1954 | T | PROD | 3 | 0 | 453 | 4846 | 8 | 0 | 7.2 | 1072 | 7.2 | 910 | | | C-4543 |
| 1967 | T | PROD | 1 | 0 | 87.2 | 2285 | 1 | 0 | 0.5 | 54.7 | 0.5 | 54.7 | | | C-7946 |
| 1975 | T | PROD | 1 | 0 | 53.3 | 338 | 1 | 0 | 0.7 | 10.7 | 0.7 | 10.7 | | | C-8293 |
| 1959 | T | PROD | 1 | 0 | 140 | 3755 | 3 | 0 | 5.8 | 297 | 5.8 | 284 | | | C-7167 |
| 1966 | M | PROD & CHEV | 2 | 0 | 303 | 3339 | 4 | 0 | 6.9 | 625 | 6.9 | 415 | | | C-13157 |
| NR | U | PROD | 1 | 0 | 1.8 | NR | 1 | 1 | 0.2 | NR | NR | NR | | | C-11343 |
| 1967 | L | PROD | 1 | 0 | 52.2 | 780 | 2 | 0 | 1.9 | 42.5 | NR | NR | | | C-8566 |
| 1970 | U | PROD | 1 | 0 | 5.4 | 492 | 3 | 0 | 1.4 | 393 | 0.8 | 16.5 | | | C-15814 |
| 1959 | T | PROD | 1 | 0 | 124 | 1007 | 1 | 0 | 1.4 | 143 | 1.4 | 37.4 | | | C-6101 |
| 1977 | U | PROD | 6 | 0 | 699 | 1890 | 8 | 0 | 28.0 | 1566 | 9.2 | 12.3 | | | CR-7777 |
| 1950 | M | PROD & DAK | 2 | 0 | 85.6 | 3851 | 2 | 0 | 2.0 | 1221 | 2.0 | 515 | | | C-2328 |
| 1972 | T | PROD | 1 | 0 | 34.0 | 222 | 4 | 0 | 8.0 | 304 | 8.0 | 89.2 | | | C-16582 |
| 1948 | T | PROD | 7 | 0 | 1541 | 31530 | 11 | 0 | 23.0 | 3416 | 23.0 | 1663 | | | C-7524 C-4738 C-2030 |

| OPERATOR LOCATION | PROJECT NO. | PROJECT NAME | TYP PRJ | OIL PRODUCING ZONE | | | |
|--|----------------|-----------------|------------|--------------------|-------|-----|------|
| | | | | NAME | DEPTH | THK | GRAV |
| RUSSELL COUNTY | | | | | | | |
| HALL-GURNEY FIELD | | | | | | | |
| COASTAL OIL & GAS 36-14S13W | C-9985 | KRUG | D | LKC | 2850 | 150 | 37.0 |
| COASTAL OIL & GAS 7-15S13W | C-13777 | WEIMASTER | W | LKC | 3000 | 8 | 37.0 |
| CONOCO 26-14S13W | C-14758 | HALL TARKIO | W | TARKIO | 3250 | 9 | 37.4 |
| CONOCO 27-14S13W | C-9407 | REIN AREA | W | LANS | 2860 | 13 | 38.9 |
| CONOCO 26,35-14S13W | C-4592 | HALL LANSING | W | LANS | 2800 | 20 | 39.2 |
| DREILING OIL 4-14S14W | C-9693 | KRUG | D | LANS | 3049 | 100 | 38.0 |
| DREILING OIL 3-14S14W | C-10265 | BOX BURGER | D | LKC | NR | 0 | 37.0 |
| ENERGY RESERVES 25-14S14W | C-8926 | BEN REIN | W | LKC&TRK | 2950 | 20 | 36.4 |
| ENERGY RESERVES 10-14S14W | C-12387 | NEWCOMER | W | LKC | 3000 | 60 | 36.4 |
| ENERGY RESERVES 27,28-14S14W | C-14620 | KRUG-OLSON WFS | W | LKC | 3000 | 136 | 37.4 |
| ENERGY RESERVES 10-14S14W | C-12386 | BOXBERGER | P | LKC | 3000 | 200 | |
| GETTY OIL 28-14S13W | CR10792 | CARRIE COLLIVER | W | TARKIO | 2240 | 14 | 37.0 |
| GETTY OIL 25-14S14W 28,29-14S13W | C-5781 | HALL-GURNEY | W | LKC | 2890 | 18 | 35.0 |
| GETTY OIL 25-14S15W | C-16911 | A. EHRLICH L-KC | W | LKC | 2944 | 84 | 32.0 |
| GETTY OIL 33-14S13W | C-1088 | T.B. CARTER | P | LKC | 2885 | 10 | 34.0 |
| GULF 30-14S12W | C-12992 | ABRAHAM HEARD | W | LKC | 2850 | NR | NR |
| IVAN HOLT WELL SERV 25-14S14W | C-6727 | STRECKER TARKIO | P | TARKIO | 2257 | 7 | 37.5 |
| JASON OIL 16-14S13W | C-9974 | DUMLER | P | TARKIO | 2370 | 10 | NR |
| JAYHAWK WELL SERV 21-14S14W | C-11860 | HOLL B | D | KC | 2900 | 4 | 38.0 |
| JAYHAWK WELL SERV 2-15S14W | C-7366 | MICHEL B | D | KC | 2900 | 4 | 38.5 |
| JAYHAWK WELL SERV 16-14S14W | C-8456 | COADY | D | KC | 2900 | 4 | 38.6 |
| JAYHAWK WELL SERV | C-9078 | HOLL A | N | LANS | 2900 | 4 | 38.6 |
| 21-14S14W | | | | | | | |
| J.J. HALL OPERATING 30,31-14S13W | C-15078 | MILLER | | LKC | 2859 | 25 | 38.0 |
| JOHN O. FARMER 27-14S13W | C-9415 | REIN WF | P | LKC&TRK | 2850 | 5 | 37.0 |
| JOHN O. FARMER 4-15S12W | C-16068 | SMOKY UNIT | P | LKC | 2990 | 5 | 38.0 |
| JOHN S. MARTIN 33-15S12W | C-14595 | KAUFMAN | D | KC | 3250 | 15 | 36.0 |
| K & P OIL 4-15S14W | C-17046 | DRISCOLL A | | TARKIO | NR | NR | NR |
| KCCH EXPLORATION 32-15S12W | C-15052 | NEY WF UNIT | W | LKC | 3020 | NR | 38.5 |
| LADD PETROLEUM (KS) 30-14S13W | C-2969 | HICKEY | D | KC | 2922 | 4 | 36.0 |
| LADD PETROLEUM (KS) 16-14S14W | C-18327 | BOXBERGER C | D | LKC | 2975 | 160 | 37.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | PROJECT | | |
|----------------|------|------------|-------|-----|-----|---------|--------------|-------|-------|-----------------|------|----------|-------------|--------|---------|---------------|------------|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | ENHANC | PROD | NOTES | PROJECT NO |
| | | | YR | WTR | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | TOT | NEW | MB OR(MMCF) | CUM | CUM | CUM | |
| | | | | | | | 1982 | | | CUM | | | 1982 | | | 1981 | |
| | | | | | | | | | | | | | | | | | 1981 |
| 1963 | U | PROD | | | 2 | 0 | 40.1 | 1459 | 6 | 0 | 5.2 | 1000 | NR | NR | 88 | C-9985 | |
| 1967 | U | PROC & ARB | | | 1 | 0 | 160 | 1579 | 1 | 0 | 2.0 | 470 | NR | NR | 89 | C-13777 | |
| 1953 | U | PROC | | | 1 | 0 | 78.0 | 1372 | 4 | 0 | 3.5 | 85.7 | 3.5 | 67.9 | | C-14758 | |
| 1972 | U | CHEY | | | 3 | 0 | 353 | 7395 | 4 | 0 | 10.7 | 594 | 10.4 | 410 | | C-9407 | |
| 1956 | F | FR | | | 5 | 0 | 289 | 11237 | 6 | 0 | 11.7 | 996 | 11.7 | 926 | | C-4592 | |
| 1971 | T | PROD | | | 1 | 0 | 320 | 7790 | 3 | 0 | 4.9 | 238 | 4.0 | 135 | | C-9693 | |
| 1962 | T | PROD | | | 1 | 0 | 120 | 4630 | 4 | 0 | 4.4 | 569 | 4.0 | 169 | | C-10265 | |
| 1957 | U | PROD | | | 2 | 0 | 181 | 4895 | 5 | 0 | 4.2 | 1086 | 3.5 | 684 | | C-3926 | |
| 1956 | U | PROD | | | 1 | 0 | 159 | 2979 | 5 | 0 | 5.0 | 752 | 5.0 | 451 | | C-5437 | |
| 1953 | L | PROC | | | 10 | 0 | 1.3 | 26654 | 22 | 0 | 46.3 | 6600 | 46.3 | 4158 | | C-12387 | |
| 1966 | U | PROD | | | 0 | 0 | 0 | 2282 | 10 | 0 | 9.9 | 438 | 0 | 190 | | C-4587 C-4595 | |
| 1980 | T | PROD&DAK | | | 1 | 0 | 71.2 | 107 | 2 | 0 | 1.6 | 121 | 1.1 | 1.4 | | CR10792 | |
| 1950 | T | PROD & DAK | | | 14 | 0 | 1387 | 30317 | 22 | 0 | 35.9 | 3894 | 35.9 | 2835 | | C-5781 | |
| | | | | | | | | | | | | | | | | C-5195 C-2439 | |
| 1973 | T | PROD | | | 1 | 0 | 205 | 1673 | 3 | 0 | 5.3 | 507 | 5.3 | 66.9 | | C-16911 | |
| 1944 | T | PROD & DAK | | | 2 | 0 | 219 | 3679 | 5 | 0 | 6.6 | 537 | 6.6 | 301 | | C-1088 | |
| NR | U | PROD | | | 0 | 0 | 0 | 0 | 2 | 0 | 3.0 | 260 | 0 | 0 | 5 | C-12992 | |
| 1959 | T | PROC | | | 2 | 0 | 100 | 4674 | 4 | 0 | 6.0 | 306 | NR | NR | | C-6727 | |
| 1974 | T | PROD | | | 1 | 0 | 25.6 | NR | 1 | 0 | 0.2 | NR | 0 | NR | 90 | C-4691 | |
| 1965 | U | PROD | | | 1 | 0 | 3.7 | 42.7 | 4 | 0 | 2.4 | 32.4 | 1.2 | 16.2 | | C-9974 | |
| 1959 | U | PROD | | | 1 | 0 | 1.5 | 104 | 3 | 0 | 2.4 | 58.4 | 1.2 | 29.2 | | C-11860 | |
| 1961 | L | PROC | | | 1 | 0 | 8.0 | 394 | 5 | 0 | 2.4 | 174 | 6.5 | 15.5 | | C-7366 | |
| 1967 | | PROD | | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | C-8456 | |
| | | | | | | | | | | | | | | | | C-9078 | |
| 1967 | | PROD | | | 2 | 0 | 312 | 3238 | 15 | 0 | 38.7 | 476 | 38.7 | 476 | | C-15078 | |
| 1962 | U | PROD | | | 1 | 0 | 91.3 | 2900 | 5 | 0 | 3.9 | 683 | 0 | 0 | | C-9415 | |
| 1971 | U | PROC & DAK | | | 6 | 0 | 397 | 9382 | 13 | 0 | 12.9 | 1060 | 12.9 | 207 | | C-16068 | |
| 1966 | T | PROD | | | 1 | 0 | 32.8 | NR | 2 | 1 | 3.2 | NR | 1.5 | NR | | C-14595 | |
| NR | NR | | | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 | C-17046 | |
| 1969 | F | CED H | | | 0 | 0 | 0 | 2013 | 5 | 0 | 17.1 | 977 | 0 | 977 | 2 | C-15052 | |
| NR | U | PROD | | | 1 | 0 | 113 | 1010 | 4 | 0 | 2.9 | 785 | 1.5 | 250 | | C-2569 | |
| NR | T | PROD | | | 1 | 0 | 142 | 1540 | 5 | 0 | 3.6 | 262 | 1.2 | 86.9 | 91 | C-18327 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE | | | |
|--|------------------------|-----------------------|-------------------|--------------------|-------|-----|------|
| | | | | NAME | DEPTH | THK | GRAV |
| RUSSELL COUNTY ===== | | | | | | | |
| HALL-GURNEY FIELD ----- | | | | | | | |
| LEE PHILLIPS OIL 34-14S13W | C-13121 | LETSCH | W | TRK&LKC | 2810 | 30 | 39.0 |
| MAI OPERATIONS 21,22-14S13W | C-11301 | CAMPBELL-GRAHM | W | TARKIO | 2275 | 20 | 39.0 |
| MAI OPERATIONS 22-14S13W | C-11509 | BOND-JONES | W | TARKIO | 2265 | 20 | 38.0 |
| MAI OPERATIONS 26-14S13W | C-13594 | WM LETSCH | P | TARKIO | 2280 | 28 | 38.0 |
| MAI OPERATIONS 26-14S13W | C-11620 | SHAFFER C | W | TRK&LKC | 2890 | 33 | 36.0 |
| MAI OPERATIONS 3-15S13W | C-8345 | RUDGER-SHAFFER | D | LKC | 2970 | 6 | 39.0 |
| MAI OPERATIONS 27-14S13W | C-15796 | ROGG-REIN | W | TARKIO | 2265 | 8 | 36.0 |
| MOBIL 27-14S13W 29,30,31,32-14S12W | C-13313 | SMOKY HILL RIVER UNIT | W | LKC | 2860 | 18 | 36.4 |
| MURFIN DRILLING 6-15S13W | CR-6771 | BERRICK WF | W | LKC | 3014 | 25 | 38.0 |
| MURFIN DRILLING 33-14S13W | C-13536 | CARTER WF | P | LKC | 2860 | 48 | 37.0 |
| NCRA 34-14S14W | C-11738 | MAI | W | LANS | 2920 | 8 | 37.6 |
| OKMAR OIL 23-14S13W | C-8022 | BOND | W | TARKIO | 2275 | 10 | 36.0 |
| OKMAR OIL 15-14S14W | C-15415 | BOXBERGER A B D | W | LKC | 2980 | 10 | 34.0 |
| OKMAR OIL 15-15S12W | C-16088 | MILLER | P | LKC | 2965 | 100 | 38.0 |
| PETROLEUM MANAGEMENT 22-14S14W | C-13201 | BOXBERGER | | TARKIO | 2960 | 20 | 37.0 |
| PIONEER OPERATIONS 28-14S14W | C-8065 | FLEGLER | P | LKC | 2950 | 150 | 39.0 |
| R.P. NIXON OPERATION 24-14S14W | C-10610 | DUMLER | D | TARKIO | 2308 | 10 | 38.0 |
| R.P. NIXON OPERATION 2-14S14W | C-11459 | BOXBERGER | D | LKC | 3050 | 25 | 34.0 |
| ROBINOWITZ OIL 33-15S12W | C-17858 | GRIZZELL | W | ARB | 3316 | 36 | 39.2 |
| SACO OIL 26-14S14W | CR-3802 | KRUG A | P | LKC | 3050 | 40 | 38.0 |
| SHIELDS OIL PRODUCER 27,28-14S13W | C-9408 | REIN AREA WF | W | KC | 2800 | 25 | 39.3 |
| SHIELDS OIL PRODUCER | C-7750 | MILLER WF | W | KC | 2800 | 30 | 37.0 |
| 31-14S13W | | | | | | | |
| SHIELDS OIL PRODUCER 32-13S14W | C-1552 | G.C. EHRLICH | W | KC | 2800 | 30 | 37.0 |
| SHIELDS OIL PRODUCER 14-15S12W | C-6847 | GUSTASON ESTATE | D | TOR | 2840 | 15 | 37.0 |
| TERRA RESOURCES 9-14S14W | C-12707 | KRUG | P | LKC | 3000 | 45 | 35.8 |
| TERRA RESOURCES 15,16-14S14W | C-5396 | FINK | W | LKC | 3020 | 15 | 36.3 |
| TERRA RESOURCES 19,30-14S13W | C-14872 | C.E.P.-LKC | P | LKC | 2950 | 8 | 36.2 |
| TEXACO 22-14S14W | C-5073 | G. BOXBERGER A & B | W | LANS | 3100 | NR | 37.0 |
| TEXACO 32-14S12W 5-15S12W | C-11915 | BORELL & VEJL | P | LANS | 2900 | 10 | 36.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|------|------------|-------|-----|--------------|---------|-----|--------------|-------|-----------------|--------------|----------|------|-----|--------|------------|------------|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD NOTES | PROJECT NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | CUM | 1982 | CUM | | | |
| | | | | | | 1982 | | | 1982 | | | | 1982 | | 1982 | | |
| | | | | | | 1981 | | | 1981 | | | | 1981 | | 1981 | | |
| 1961 | M | PROD & FR | 4 | 0 | 60.0 | 2548 | 9 | 0 | 46.7 | 3249 | 51.4 | 883 | | | | C-13121 | |
| 1964 | T | PROD & DAK | 5 | 0 | 234 | 4084 | 11 | 0 | 6.2 | 449 | 4.9 | 196 | | | | C-11296 | C-9091 |
| 1965 | T | PROC | 1 | 0 | 8.4 | 1626 | 4 | 0 | 1.0 | 293 | 1.0 | 115 | | | | C-11509 | |
| 1962 | T | PROC | 3 | 0 | 183 | 4171 | 3 | 0 | 4.9 | 940 | 0 | NR | | | | C-11111 | |
| 1967 | T | PROC | 3 | 0 | 151 | 3717 | 7 | 0 | 4.4 | 901 | 2.2 | 49.6 | | | | C-13594 | |
| 1960 | T | PROC | 1 | 0 | 14.6 | 159 | 5 | 0 | 3.6 | 316 | 2.3 | 43.3 | | | | C-9417 | |
| 1970 | T | PROC | 1 | 0 | 30.4 | 389 | 7 | 0 | 9.4 | 598 | 4.7 | 51.0 | | | | C-11620 | |
| 1967 | M | PROD & FR | 8 | 0 | 1107 | 18799 | 18 | 0 | 25.0 | 893 | 25.0 | 1100 | | | | C-13313 | |
| 1971 | M | PROD & DAK | 1 | 0 | 21.5 | 251 | 4 | 0 | 5.4 | 23.4 | NR | NR | | | | CR-6771 | |
| 1974 | T | PROC | 1 | 0 | 16.6 | 230 | 2 | 0 | 1.1 | NR | NR | NR | | | | C-13536 | |
| 1965 | U | PROD & DAK | 0 | 0 | 0 | 659 | 4 | 0 | 8.8 | 115 | 0 | 44.6 | | | | C-11738 | |
| 1960 | U | PROC | 2 | 0 | 13.8 | 2181 | 4 | 0 | 2.0 | 293 | 2.0 | 56.6 | | | | C-8022 | |
| 1970 | U | PROC | 2 | 0 | 290 | 3412 | 6 | 0 | 11.8 | 689 | 6.5 | 66.4 | | | | C-15415 | |
| 1971 | T | PROC | 1 | 0 | 126 | 1009 | 1 | 0 | 1.2 | NR | 0.2 | 3.8 | | | | C-16088 | |
| 1966 | NR | | 0 | 0 | 0 | 2551 | 1 | 0 | 0.9 | 296 | 0 | 286 | | 2 | | C-13201 | |
| NR | T | PROC | 1 | 0 | 85.7 | NR | 1 | 0 | 1.9 | 10.9 | NR | NR | | | | C-5033 | |
| 1963 | U | PROC | 3 | 0 | 370 | 1771 | 10 | 0 | 10.1 | 227 | 10.1 | 210 | | | | C-8065 | |
| 1964 | T | PROC | 1 | 0 | 25.1 | 748 | 1 | 0 | 1.5 | 14.2 | 1.5 | 12.7 | | | | C-11459 | |
| 1975 | U | PROC | 1 | 0 | 94.5 | 502 | 2 | 0 | 3.4 | 261 | 0.2 | 8.8 | | | | C-17858 | |
| 1960 | U | PROC | 1 | 0 | 5.9 | NR | 5 | 1 | 20.7 | NR | 20.7 | NR | | | | CR-3802 | |
| 1963 | M | PROD & DAK | 7 | 0 | 783 | 18153 | 17 | 0 | 35.6 | 1194 | 31.0 | 841 | | | | C-9408 | |
| 1964 | M | PROC & DAK | 3 | 0 | 340 | 4171 | 6 | 0 | 19.6 | 329 | 17.5 | 251 | | | | C-7750 | |
| 1971 | M | PROD & DAK | 1 | 0 | 78.3 | 1285 | 4 | 0 | 19.4 | 213 | 16.8 | 174 | | | | C-1552 | |
| 1967 | U | PROC & ARB | 1 | 0 | 34.0 | 1093 | 2 | 0 | 3.0 | 63.1 | 1.8 | 53.6 | | | | C-6847 | |
| 1963 | T | PROC | 2 | 0 | 467 | 9011 | 4 | 0 | 9.5 | 227 | 9.5 | 143 | | | | C-12707 | |
| 1967 | T | PROC | 3 | 0 | 230 | 6627 | 8 | 0 | 8.9 | 795 | 8.9 | 496 | | | | C-10671 | C-10571 |
| 1959 | T | PROC & DAK | 5 | 0 | 469 | 7132 | 16 | 0 | 27.3 | 1610 | 27.3 | 1032 | | | | C-5396 | |
| 1963 | U | PROC | 1 | 0 | 201 | 5462 | 7 | 0 | 9.9 | 597 | 1.9 | 544 | | | | C-14872 | |
| 1963 | U | NR | 1 | 0 | 190 | 4491 | 5 | 0 | 6.4 | 432 | 0 | 0 | | | | C-3059 | |
| | | | | | | | | | | | | | | | | C-5073 | |
| | | | | | | | | | | | | | | | | C-4517 | |
| | | | | | | | | | | | | | | | | C-11915 | |
| | | | | | | | | | | | | | | | | C-10434 | C-10433 |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP ----- | OIL PRODUCING ZONE | | | |
|--|------------------------|-----------------------|--------------|--------------------|-------|-----|------|
| | | | PRJ | NAME | DEPTH | THK | GRAV |
| RUSSELL COUNTY ===== | | | | | | | |
| HALL-GURNEY FIELD ----- | | | | | | | |
| TEXACO 10-14S14W | C-10948 | BOXBERGER SL & H | W | LAN-REG | 3050 | NR | NR |
| TEXACO 31-14S13W 36-14S14W | C-5858 | KEIL & SCHNOOR | P | LKC | 2875 | 122 | NR |
| TEXACO 25,36-14S13W | C-10725 | GOODHEART-RUBY | W | LANS | 2900 | 23 | 36.0 |
| TEXACO 18-14S13W | C-3771 | C.W. SHAFFER | W | TARKIO | NR | NR | NR |
| TEXACO 23-14S14W | C-17442 | E.P. GURNEY | P | TARKIO | 2340 | NR | NR |
| THEODORE GORE 28-15S12W | C-16112 | WEBER | P | LKC | 3000 | 150 | 37.0 |
| THEODORE GORE 23,26-14S14W | C-17491 | BOXBERGER SWD | P | TRK | 3000 | 100 | 37.0 |
| THEODORE GORE 22,27-15S12W | C-12581 | KAUFMAN B | P | LKC | 2774 | 300 | 40.0 |
| THEODORE GORE 36-14S13W | C-13036 | RUBY A | P | LKC | 2835 | 90 | 37.0 |
| THORNTON E. ANDERSON 33-15S12W | CR27811 | KAUFMANN | D | ARB | NR | NR | 38.0 |
| TRI-W OIL 3-14S14W | C-4490 | WITT C LEASE | D | KC | 3000 | 30 | 37.0 |
| KRAFT-FRUSA FIELD ----- | | | | | | | |
| ISERN-SCHULTZ OIL 31-15S12W | C-14969 | DURR | P | GRTZ SD | 3374 | 20 | 35.0 |
| NUSS FIELD ----- | | | | | | | |
| RAM OIL 32-15S14W | C-8871 | NUSS-ELSASSER | D | LKC | 3190 | 250 | 35.0 |
| PARKER FIELD ----- | | | | | | | |
| THORNTON E. ANDERSON 7,8-15S12W 12,13-15S13W | C-18326 | PARKER UNIT | W | LANS | 3020 | 8 | 40.0 |
| PARKER NORTHEAST FIELD ----- | | | | | | | |
| MURFIN DRILLING 7,8-15S12W | CR-6774 | HERBER-HILGENBERG WF | W | LKC | 3050 | 162 | 37.5 |
| PLYMOUTH FIELD ----- | | | | | | | |
| ALBERT W. BORELL 13-14S11W | C-16313 | ESCHBAUGH | D | TOPEKA | 2485 | 5 | 36.0 |
| REICH FIELD ----- | | | | | | | |
| HAROLD KRLEGER 28,29-12S15W | C-11438 | REICH ETAL UNIT | P | KC | 2975 | 5 | 35.0 |
| ROOSEVELT FIELD ----- | | | | | | | |
| F & M OIL 24-15S15W | CR-7806 | ELSIE COADY | P | LANS | 3161 | 7 | 31.9 |
| SHIELDS OIL PRODUCER 23-15S15W | C-16992 | MORGANSTERN | D | LKC | 3300 | 10 | 38.0 |

| INJECTION DATA | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|-----|--------|-------|-----------------|--------------|-------|------|-------------|--------|----------|---------|---------|
| FIRST YR | TYP | SOURCE | WELLS | VOL | INJ | WELLS | PROD | VOL | ENHANC | PROD | NOTES | NO |
| YR | WTR | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | MB | CR(MMCF) | | |
| | | | 1982 | CUM | | 1982 | CUM | 1982 | CUM | | | |
| | | | 1981 | --- | | 1981 | --- | 1981 | --- | | | |
| 1954 | U | PROD | 2 | 0 | 376 | 11332 | 16 | 0 | 21.5 | 2055 | 11.8 | C-10948 |
| 1958 | U | PROD | 3 | 0 | 91.3 | NR | 5 | 0 | 4.6 | 135 | C-5445 | C-4504 |
| 1963 | U | PROD | 0 | 0 | 0 | 8852 | 9 | 0 | 14.9 | 639 | 4.9 | C-10725 |
| 1959 | | NR | 0 | 0 | 0 | 0 | 1 | 0 | 0.5 | 22.5 | 0 | C-10284 |
| 1974 | U | PROD | 0 | 0 | 0 | 1038 | 4 | 0 | 6.2 | 71.1 | 0.5 | C-3771 |
| 1966 | T | PROD | 0 | 0 | 0.6 | 855 | 1 | 0 | 1.9 | 1131 | 0.3 | C-17442 |
| 1955 | T | PROD | 4 | 0 | 442 | 5764 | 14 | 0 | 18.9 | 1467 | 6.2 | C-17491 |
| 1967 | T | PROD | 1 | 0 | 83.2 | 1724 | 4 | 0 | 7.2 | 769 | C-13980 | C-4499 |
| 1966 | T | PROD | 1 | 0 | 26.9 | 2527 | 3 | 0 | 5.1 | 757 | 3.0 | C-4032 |
| 1977 | | PROD | 1 | 0 | 48.0 | 190 | 2 | 0 | 2.0 | 74.5 | 74.1 | C-12581 |
| 1954 | U | PROD | 1 | 0 | 33.0 | NR | 2 | 0 | 2.7 | NR | NR | NR |
| 1969 | T | PROD | 1 | 0 | 160 | 3534 | 2 | 0 | 1.0 | 162 | 0 | NR |
| NR | U | PROD | 1 | 0 | 72.0 | NR | 2 | 0 | 1.2 | NR | 0.2 | NR |
| 1976 | T | PROD | 2 | 0 | 49.0 | 253 | 5 | 0 | 14.6 | 560 | 4.5 | C-18326 |
| 1976 | T | PROD | 2 | 0 | 100 | 775 | 6 | 0 | 12.1 | 70.0 | NR | NR |
| 1971 | U | PROD | 1 | 0 | 1.8 | NR | 1 | 0 | 0.2 | NR | 0 | CR-6774 |
| 1962 | T | PROD | 2 | 0 | 119 | 3113 | 15 | 0 | 15.2 | 740 | 7.6 | C-18104 |
| 1979 | U | PROD | 1 | 0 | 19.6 | 40.8 | 1 | 0 | 2.1 | 4.7 | 2.0 | CR-7806 |
| 1973 | T | PROD | 1 | 0 | 63.0 | 356 | 2 | 0 | 4.2 | 28.4 | 1.3 | C-16992 |

| OPERATOR ----- LOCATION ----- | PROJECT ----- NO ----- | PROJECT NAME ----- | TYP ----- PRJ | OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV ----- | | | |
|--|---------------------------------|-----------------------|---------------------|---|------|-----|------|
| RUSSELL COUNTY ===== | | | | | | | |
| RUSSELL FIELD ----- | | | | | | | |
| OKMAR OIL 28-13S14W | C-15953 | HOLLAND-KILLIAN | W | LKC | 3020 | 5 | 34.0 |
| S&S FIELD ----- | | | | | | | |
| GLENN W. PEEL EST 1-13S15W | C-15949 | SHAFFER | D | LKC | 2821 | 45 | 37.5 |
| MAI OPERATIONS 36-12S15W 1-13S15W | CR-3784 | S&S UNIT | W | LKC | 2860 | 164 | 35.0 |
| STRECKER FIELD ----- | | | | | | | |
| AM PETROFINA TEXAS 16-15S14W | C-11977 | STRICKER | W | LKC | 3041 | NR | 40.0 |
| AM PETROFINA TEXAS 20,21,28,29-15S14W | CW-4781 | STRECKER UNIT | W | LKC | 3277 | 200 | 39.7 |
| TRAPP FIELD ----- | | | | | | | |
| CITCO 9-15S13W | C-7631 | NORTHEAST TRAPP | W | LKC | 3090 | 28 | 37.0 |
| CITCO 12,13-15S14W | C-13257 | EICHMAN A WF | W | LKC | 3090 | 12 | 38.0 |
| CCASTAL OIL & GAS 7-15S13W | C-13766 | MAAG | D | LKC | 3000 | 8 | 37.0 |
| CONOCO 17-15S13W | C-7606 | TRAPP LANSING | W | LANS | 2950 | 21 | 38.5 |
| E.H. RIGGS 22-15S13W | CR-8771 | BER-SEL-ES | P | LKC | 3000 | 300 | 40.0 |
| ENERGY RESERVES 4,9-15S13W | C-7604 | NORTHEAST TRAPP | W | LKC | 3010 | 55 | 38.8 |
| EXXON 7,8,17-15S13W | C-7553 | N. TRAPP WF UNIT | W | KC | 2986 | 28 | 39.0 |
| GETTY OIL 7,8-15S13W | C-7765 | ANDERSON-REIN UNIT | W | LKC | 2900 | 50 | 37.0 |
| GULF 23,24-15S13W | C-14141 | BERRICK-PIESTER | W | KC | 3029 | 18 | 38.0 |
| HILLENBURG OIL 6-15S13W | C-7566 | BERRICK | D | LK | 2990 | 20 | 36.0 |
| JAYHAWK WELL SERV 2-15S14W | C-4550 | MICHEL C | D | LANS | NR | NR | NR |
| LARRY MCORE RANCH 20-15S13W | CR77712 | HILL | W | LKC | 3096 | 17 | 37.0 |
| | | | | | | | |
| MURFIN DRILLING 22,27-15S13W | C-14364 | BER-SEL-ES | W | LKC | 3060 | 36 | 38.5 |
| NCRA 2,11-15S14W | C-5183 | FLEGLER B TARKIO | W | TARKIO | 2298 | 20 | 38.3 |
| NCRA 11-15S14W | C-9131 | FLEGLER B LANSING | W | LANS | 2966 | 26 | 38.3 |
| NCRA 11-15S14W | C-6038 | FLEGLER C | W | LANS | 3057 | 7 | 27.7 |
| PHILLIPS PETROLEUM 9-15S13W | C-7568 | ROESNER | W | LKC | 3100 | 50 | 39.0 |
| R.H. SIEGFRIED 11-15S13W | C-5952 | ROSS | W | LANS | 3000 | 12 | 41.3 |
| ROY VONFELDT 20-15S13W | C-7370 | SELLENS | W | KC | NR | NR | 35.0 |
| RUTHVEN 8-15S13W | C-10920 | BEN REIN | D | LKC | 2950 | 150 | 38.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|------|------------|-------|-----|------|--------------|-----|-----|-------------|-----------------|------|----------|-----|------|--------|---------|-------|---------|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD | NOTES | NO |
| | | | TOT | NEW | | MB OR (MMCF) | TOT | NEW | MB OR(MMCF) | MB OR(MMCF) | CUM | 1982 | CUM | 1982 | CUM | | | |
| | | | | | | 1982 | | | 1982 | | --- | 1982 | | 1982 | | 1982 | | 1982 |
| 1971 | U | PROD & ARB | 1 | 0 | 87.4 | 804 | 2 | 0 | 7.3 | 1013 | 2.5 | 42.1 | | | | | | C-15953 |
| 1971 | U | PROD | 1 | 0 | 34.1 | 331 | 5 | 0 | 2.5 | 34.1 | 2.5 | 34.1 | | | | | | C-15949 |
| 1978 | T | PROD | 3 | 0 | 78.5 | 193 | 6 | 0 | 8.1 | 158 | 0.8 | 1.6 | | | | | | CR-3784 |
| 1965 | U | PROD | 3 | 0 | 89.4 | 1492 | 5 | 0 | 1.0 | 71.2 | 1.0 | 71.7 | | | | | | C-11977 |
| 1978 | T | PROD & DAK | 3 | 0 | 265 | 964 | 5 | 0 | 10.1 | 39.5 | 10.1 | 39.5 | | | | | | CW-4781 |
| 1960 | M | PROD & DAK | 4 | 0 | 640 | 9825 | 3 | 0 | 20.2 | 1545 | 20.2 | 544 | | | | | | C-7631 |
| 1957 | T | PROD | 2 | 0 | 172 | 7403 | 2 | 0 | 8.1 | 1637 | 8.1 | 611 | | | | | | C-13257 |
| 1967 | U | PRCD | 1 | 0 | 24.7 | 581 | 2 | 0 | 3.1 | 573 | NR | NR | 92 | | | | | C-5472 |
| 1961 | U | DAK & CHEY | 6 | 0 | 569 | 10738 | 7 | 0 | 21.7 | 991 | 21.7 | 919 | | | | | | C-13766 |
| 1968 | T | PROD | 1 | 0 | 21.9 | 244 | 3 | 0 | 9.2 | 262 | 6 | NR | | | | | | CR-8771 |
| 1960 | U | PROD & DAK | 8 | 0 | 783 | 14823 | 14 | 1 | 35.9 | 1601 | 35.9 | 1121 | | | | | | C-7604 |
| 1961 | T | DAK | 9 | 0 | 1453 | 21129 | 15 | 0 | 35.0 | 3666 | 35.0 | 2433 | | | | | | C-7590 |
| 1961 | T | PROD & DAK | 9 | 0 | 1132 | 16204 | 11 | 0 | 35.2 | 2718 | 35.2 | 1334 | | | | | | C-7553 |
| 1969 | U | PROD | 2 | 0 | 109 | 2829 | 4 | 0 | 2.6 | 924 | 2.6 | 924 | | | | | | C-7765 |
| 1960 | L | PRCD | 1 | 0 | 287 | NR | 2 | 0 | 2.1 | NR | 0 | NR | | | | | | C-7566 |
| NR | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 | | | | | C-4550 |
| 1978 | U | PROD | 2 | 0 | 6.2 | 26.5 | 2 | 0 | 1.8 | 45.7 | 1.8 | 7.4 | | | | | | CR77712 |
| 1969 | M | PROD & DAK | 3 | 0 | 254 | 3163 | 7 | 0 | 11.1 | 242 | NR | NR | | | | | | C-14364 |
| 1956 | U | PRCD | 1 | 0 | 73.3 | 3056 | 1 | 0 | 1.3 | 357 | 1.3 | 193 | | | | | | C-5183 |
| 1962 | U | PROD & ARB | 1 | 0 | 273 | 5776 | 3 | 0 | 3.8 | 253 | 3.8 | 168 | | | | | | C-9131 |
| 1958 | T | PROD & ARB | 2 | 0 | 203 | 6276 | 6 | 0 | 6.4 | 351 | 6.4 | 272 | | | | | | C-6038 |
| 1960 | U | PROD | 1 | 0 | 233 | 4741 | 1 | 0 | 1.7 | 322 | 1.7 | 142 | | | | | | C-7568 |
| 1958 | T | PROD & ARB | 2 | 0 | 159 | 3276 | 2 | 0 | 4.1 | 289 | 4.1 | 289 | | | | | | C-5952 |
| 1968 | T | PROD & ARB | 2 | 0 | 71.0 | NR | 2 | 0 | 1.6 | NR | NR | NR | | | | | | C-7370 |
| NR | T | PROD | 1 | 0 | 18.5 | NR | 2 | 0 | 5.1 | 9.8 | NR | NR | | | | | | C-10920 |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ ----- | OIL PRODUCING ZONE | | | |
|--|------------------------|-----------------------|---------------------|--------------------|-------|-------|-------|
| | | | | NAME | DEPTH | THK | GRAV |
| | | | | ----- | ----- | ----- | ----- |
| RUSSELL COUNTY ===== | | | | | | | |
| TRAPP FIELD ----- | | | | | | | |
| SHELL 11,14-15S13W | C-11410 | MARY KEJR ABC | W | TOR&LKC | 2917 | 115 | 37.0 |
| SHELL 22-15S13W | C-13496 | L SELLENS BC | D | LKC | 3035 | 84 | 33.0 |
| SHELL 7-16S13W 12-16S14W | C-12252 | EHRLICH-HOFFMAN | W | TOP&LKC | 2962 | 100 | 36.0 |
| SHIELDS OIL PRODUCER 9-15S13W | C-7570 | NORTHEAST TRAPP | W | KC | 2800 | 25 | 37.2 |
| SCHIO PETROLEUM 10-15S13W | C-7565 | ANSCHUTZ | W | LKC | 3050 | 18 | 42.0 |
| SOUTHERN STATES OIL 25,26,25-15S13W | C-16047 | TRAPP UNIT WF | W | LKC | 3065 | 150 | 37.0 |
| TERRA RESOURCES 16,17-15S13W | C-7607 | NORTH TRAPP WFS | W | LKC | 3000 | 25 | 37.9 |
| WILSON CREEK FIELD ----- | | | | | | | |
| L.G. STEPHENSON 23-14S11W | C-17428 | PRINC | P | LANS | 2821 | 7 | 37.3 |
| L.G. STEPHENSON 24-14S11W | C-16282 | STOPPEL-SEBESTA | P | LANS | 2821 | 20 | 37.4 |
| L.G. STEPHENSON 24-14S11W | C-17954 | SMALL-SEBESTA A | P | TARKIO | 2100 | 4 | 37.5 |
| SALINE COUNTY ===== | | | | | | | |
| BACHOFER FIELD ----- | | | | | | | |
| G.R. HESS & L. MOORE 14-15S 2W | CR-9771 | MELANDER UNIT | P | MISS | 2840 | 16 | 30.0 |
| GYPSUM FIELD ----- | | | | | | | |
| TEICHGRAEBER OIL 4-16S 1W | C-18390 | MORTIMER | P | MISS | 2600 | NR | 34.0 |
| HUNTER NORTH FIELD ----- | | | | | | | |
| MELLAND DRILLING 5,8-16S 1W | C-17809 | NORTH HUNTER | D | MISS | 2662 | 4 | 34.0 |
| LINDSBORG FIELD ----- | | | | | | | |
| RAY PERERA 32-15S 3W | C-10664 | ROBINSON ET AL | D | MAQ | 3400 | 5 | NR |
| PIHL FIELD ----- | | | | | | | |
| TOMLINSON OIL 24-15S 2W | C-11513 | PIHL | D | MISS | 2750 | 10 | 35.5 |
| SALINA FIELD ----- | | | | | | | |
| L. B. JACKSON 32-14S 2W | CR-7803 | NORTON | W | MAQ | 3235 | 8 | 32.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|--------|------------|-----|---------|-----|--------------|-------|----------|-------------|-----------------|------|-------|------|--|-----|--------------------|--|
| FIRST TYP | SOURCE | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC | PROD | NOTES | NO | | | | |
| | | YR | WTR | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | | | | | | | | |
| | | | | | | 1982 | | CUM | | 1982 | | CUM | 1982 | | CUM | | |
| | | | | | | 1981 | | --- | | 1981 | | --- | 1981 | | --- | | |
| NR | U | PRCD | | 2 | 0 | 147 | 1630 | 4 | 0 | 9.1 | 641 | NR | NR | | | C-11410 | |
| NR | U | PROD | | 0 | 0 | 92.6 | 580 | 5 | 0 | 23.9 | 402 | NR | NR | | | C-13496 | |
| NR | U | PRCD | | 0 | 0 | 0 | 388 | 12 | 0 | 41.5 | 5735 | NR | NR | | | C-12252 | |
| 1960 | T | PROD | | 4 | 0 | 344. | 6074 | 3 | 0 | 19.7 | 492 | 16.0 | 407 | | | C-7570 | |
| 1960 | T | PRCD & DAK | | 2 | 0 | 265 | 4740 | 4 | 1 | 38.3 | 552 | 38.3 | 474 | | | C-7565 | |
| 1971 | U | PROD | | 4 | 0 | 615 | 3239 | 8 | 0 | 9.9 | 106 | 9.9 | 106 | | | C-16047 | |
| 1961 | T | PROD | | 10 | 0 | 1053 | 20498 | 19 | 0 | 54.9 | 7286 | 54.9 | 2751 | | | C-7607 | |
| 1974 | U | PRCD | | 1 | 0 | 45.0 | 900 | 3 | 0 | 15.6 | 417 | 0 | NR | | | C-17428 | |
| 1978 | U | PRCD | | 3 | 0 | 179 | 1310 | 12 | 0 | 24.8 | 561 | 0 | NR | | | C-16282 C-15539 | |
| 1973 | U | PROD | | 3 | 0 | 25.9 | 329 | 0 | 0 | 0 | NR | NR | NR | | | C-17954 C-17785 | |
| 1977 | T | PROD | | 1 | 0 | 5.9 | 99.4 | 2 | 0 | 3.1 | 77.1 | 3.1 | 13.1 | | | CR-9771 | |
| 1976 | U | PROD | | 1 | 0 | 18.3 | 161 | 3 | 0 | 2.0 | 17.9 | 0.1 | 0.9 | | | C-18390 | |
| 1975 | U | PROD | | 1 | 0 | 122 | 824.5 | 7 | 0 | 4.8 | 38.4 | 0 | NR | | | C-17803 | |
| 1970 | U | PROD | | 1 | 0 | 217 | NR | 0 | 0 | 0 | NR | 0 | NR | | | C-10564 | |
| 1965 | U | PROD | | 1 | 0 | 233 | 3140 | 3 | 0 | 4.7 | 209 | NR | NR | | | C-11513 | |
| 1981 | U | PRCD | | 1 | 0 | 26.3 | NR | 1 | 0 | 0.3 | NR | NR | NR | | | CR-7803 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- ----- ----- ----- | | | |
|---|------------------------|-------------------------|-------------------|--|------|----|------|
| SALINE COUNTY ===== | | | | | | | |
| SALINA FIELD ----- | | | | | | | |
| L.B. JACKSON 28,29-14S2W | C-18025 | CLINE-FLOYD HAGG | W | MAG | NR | NR | 32.0 |
| MULTISTATE OIL PROP 6,7,8-15S2W | C-9817 | SWIGART | P | MAG | 3225 | 15 | 35.0 |
| SMOLAN FIELD ----- | | | | | | | |
| GEAR PETROLEUM 25,36-15S 4W 30-15S 3W | C-14385 | SMOLAN FIELD WF PROJECT | W | MAG | 3400 | 6 | 35.0 |
| SCOTT COUNTY ===== | | | | | | | |
| BROOKOVER FIELD ----- | | | | | | | |
| OKMAR OIL 20-17S31W | CR10772 | BOYER A | | LANS | NR | NR | NR |
| HUGOTON NORTH FIELD ----- | | | | | | | |
| M.L. BROWN 26-17S33W | CR-6778 | SMITH | P | MCRR | 4642 | 20 | 26.0 |
| SHALLOW WATER FIELD ----- | | | | | | | |
| M.L. BROWN 14-20S33W | C-4383 | MARK B | P | MISS | 4595 | 80 | 26.0 |
| SEDWICK COUNTY ===== | | | | | | | |
| BUERKI FIELD ----- | | | | | | | |
| RAINS & WILLIAMSON 2-28S 2W | CR-9786 | BUERKI | W | MISS | NR | NR | NR |
| BUZZI FIELD ----- | | | | | | | |
| AM PETROFINA TEXAS | C-16044 | HEMME | P | HUNTON | 3445 | 5 | 41.0 |
| 31-25S 1E | | | | | | | |
| CHENEY FIELD ----- | | | | | | | |
| A. SCOTT RITCHIE 7-27S 4W | C-17209 | CASAD | P | MIS&VIO | 3976 | 44 | 35.0 |
| CLEARWATER FIELD ----- | | | | | | | |
| ENERGY RESOURCES 08G 23-29S 2W | C-15022 | SEENTER | P | LKC | 2940 | 10 | 37.0 |
| DUBOIS FIELD ----- | | | | | | | |
| AM PETROFINA TEXAS 11-25S2E | C-17378 | YAZEL | W | BURGESS | 2813 | NR | 38.9 |
| GILLIAN FIELD ----- | | | | | | | |
| CONOCO 27,28,33,34-29S01W | CR11791 | GILLIAN-SIMPSON | W | SIMP | 3735 | 33 | 44.8 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|------|-----------|-------|-----|------|---------|-----|--------|-------|-----------------|------|----------|-----|--------|--------|---------|--------------------|----|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD | NOTES | NG |
| | | | TOT | NEW | | MB | OR | (MMCF) | TOT | NEW | | MB | CR | (MMCF) | | | | |
| | | | | | | 1982 | CUM | | | | | 1982 | CUM | | 1982 | CUM | | |
| | | | | | | 1981 | | | | | | 1981 | | | 1981 | | | |
| 1946 | U | PROD | 1 | 0 | 254 | NR | 7 | 0 | 5.0 | NR | NR | NR | NR | NR | NR | NR | C-18025 | |
| 1962 | U | PROD | 1 | 0 | 276 | NR | 10 | 0 | 10.1 | NR | 5.8 | NR | NR | NR | NR | NR | C-9817 | |
| 1962 | | PROD & MC | 5 | 0 | 985 | NR | 13 | 0 | 8.6 | NR | 8.6 | NR | NR | NR | NR | NR | C-14385 | |
| NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 2 | CR10772 | |
| 1977 | U | PROD | 1 | 0 | 202 | 985 | 6 | 0 | 21.3 | 645 | 4.3 | 12.5 | NR | NR | NR | NR | CR-6778 | |
| 1968 | T | PROD | 1 | 0 | 30.2 | 142 | 2 | 1 | 2.5 | 2072 | 1.2 | 22.9 | NR | NR | NR | NR | C-4383 | |
| 1978 | U | PROD | 5 | 0 | 18.7 | 50.0 | 5 | 0 | 10.8 | 62.0 | NR | NR | NR | NR | NR | NR | CR-5786 | |
| 1971 | U | PROD | 1 | 0 | 229 | 2848 | 1 | 0 | 1.7 | 258 | 0.9 | 64.8 | NR | NR | NR | NR | C-16044 | |
| 1973 | U | PROD | 1 | 0 | 18.7 | 237 | 1 | 0 | 0.8 | 47.8 | NR | NR | NR | NR | NR | NR | C-17209 | |
| 1969 | U | PROD | 0 | 0 | 0 | NR | 1 | 1 | 2.3 | 35.1 | 0 | NR | NR | NR | NR | NR | C-15022 | |
| 1973 | U | PROD | 1 | 0 | 35.4 | 35.4 | 1 | 0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | C-17378 | |
| 1974 | U | PROD | 3 | 0 | 435 | 2938 | 9 | 0 | 29.4 | 448 | 29.4 | 328 | NR | NR | NR | NR | CR11791 C-17666 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ ----- | OIL PRODUCING ZONE | | | |
|---|------------------------|-----------------------|---------------------|--------------------|-------|-------|-------|
| | | | | NAME | DEPTH | THK | GRAV |
| | | | | ----- | ----- | ----- | ----- |
| SEDWICK COUNTY ===== | | | | | | | |
| GLADYS FIELD ----- | | | | | | | |
| GULF 25,29,30,31,-28S 1E 32,36-28S 1E | C-8324 | GLADYS UNIT | W | MISS | 3200 | 44 | 42.0 |
| GULF 29-28S 1E | C-8325 | GLADYS UNIT EAST | W | MISS | 3200 | 25 | 42.0 |
| GOODRICH FIELD ----- | | | | | | | |
| CITCO 16-25S 1E G & W CIL PROD 17-25S 1E | C-13037 | GOODRICH PROJ | W | KC | 2730 | 11 | 33.0 |
| | C-15691 | ROWLEY | P | KC | 2690 | 30 | 35.0 |
| HOSPITAL FIELD ----- | | | | | | | |
| DONALD C. ASH 32-25S 2W | CR-3813 | ST FRANCIS HOSP | W | SIMPSON | 4057 | 6 | NR |
| KUSKE WEST FIELD ----- | | | | | | | |
| TET PETR 14-25S 1E | C-16157 | KORBER INPUT | P | BURG | 3414 | 38 | 39.0 |
| O S A FIELD ----- | | | | | | | |
| CONOCO 10,11,14,15,22-29S 1W | C-15105 | O.S.A. | W | SIMP | 2884 | 8 | 45.5 |
| ROBBINS FIELD ----- | | | | | | | |
| ISADCRE LAMBERT 16,21-28S 1E | C-4626 | ROBBINS | W | MISS | 3150 | 30 | 43.0 |
| LLMER FIELD ----- | | | | | | | |
| CROWE DRILLING 33-25S 2E | C-16303 | GREENUP | D | BURG | 2902 | 8 | NR |
| VALLEY CENTER FIELD ----- | | | | | | | |
| BANKOFF OIL 1-26S 1W | C-12272 | BRIGHT INJ. | W | LANS | 2550 | NR | 36.6 |
| SAMSON RESOURCES 7-26S 1E | C-11419 | VALLEY CENTER WF | W | KC | 2500 | NR | 33.0 |

1,12-26S 1W

*SEE ALSO KINGMAN-SEDWICK

| SEWARD CCLNTY ===== | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ ----- | OIL PRODUCING ZONE | | | |
|--|------------------------|-----------------------|---------------------|--------------------|-------|-------|-------|
| | | | | NAME | DEPTH | THK | GRAV |
| | | | | ----- | ----- | ----- | ----- |
| EVALYN-CONDIT FIELD ----- | | | | | | | |
| ANADARKO PRODUCTION 7,18,15-34S32W 12,13,24-34S33W | C-16786 | CONDIT UNIT | W | MISS&CH | 6236 | 13 | 41.9 |
| KISMET FIELD ----- | | | | | | | |
| A.L. ABERCROMBIE 26-33S31W | CR10783 | JURY | D | MISS | 5876 | 40 | 31.5 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|------------|-------------|-------|-----|------|--------------|-----|-----|--------------|-----------------|------|--------------|-----|-----|-----------------------|---------------------|------------------|----|
| FIRST YR | TYP WTR | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC MB OR(MMCF) | PROD MB OR(MMCF) | NOTES | NO |
| | | | TOT | NEW | | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | CUM | | | | | |
| | | | | | | 1982 | | | 1982 | | | 1982 | | CUM | | | | |
| | | | | | | 981 | | | 981 | | | 981 | | | | | | |
| 1961 | F | FR | 28 | 0 | 2491 | 118023 | 56 | 0 | 65.0 | 15574 | 65.0 | 15574 | | | | | C-8324 | |
| 1961 | F | FR | 6 | 0 | 449 | 18968 | 6 | 0 | 9.4 | 2272 | 9.4 | 2272 | | | | | C-8325 | |
| 1966 | L | PRCD & MISS | 6 | 0 | 336 | 5073 | 8 | 0 | 8.1 | 751 | 8.1 | 615 | | | | | C-13037 | |
| 1970 | U | PROD | 1 | 0 | 11.0 | 138 | 1 | 0 | 1.3 | 15.8 | 0 | NR | | | | | C-15691 | |
| NR | U | PRCD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 | CR-3813 | |
| 1971 | U | PRCD | 1 | 0 | 1.9 | 1636 | 1 | 0 | 0.8 | 66.3 | 0 | 0 | | | | | C-16157 | |
| 1970 | U | STAL | 7 | 0 | 1050 | 9554 | 14 | 0 | 21.4 | 1101 | 21.4 | 1043 | | | | | C-15105 | |
| 1964 | T | PRCD | 2 | 0 | 300 | 7795 | 3 | 0 | 13.3 | NR | 13.3 | 1456 | 93 | | | | C-4626 C-4183 | |
| 1971 | | PROD | 2 | 0 | 65.7 | NR | 2 | 0 | 2.9 | NR | NR | NR | | | | | C-16303 | |
| 1968 | L | PRCD | 2 | 0 | 6.5 | 1097 | 2 | 0 | 2.3 | 66.4 | 1.6 | 58.5 | | | | | C-12272 | |
| 1966 | U | PROD | 1 | 0 | 273 | 3951 | 5 | 0 | 4.6 | 3892 | 3.8 | 77.1 | | | | | C-11419 | |
| 1973 | M | PROD & OGLA | 3 | 0 | 376 | 6279 | 4 | 0 | 26.5 | 1341 | 26.5 | 781 | | | | | C-16786 | |
| 1979 | L | PRCD | 1 | 0 | 93.0 | 561 | 6 | 0 | 13.9 | 1457 | 0 | NR | | | | | CR10783 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE | | | |
|---|------------------------|-----------------------|-------------------|--------------------|----------------|--------------|---------------|
| | | | | NAME --- | DEPTH ----- | THK ----- | GRAV ----- |
| SEWARD COUNTY ===== | | | | | | | |
| MASSONI EAST FIELD ----- | | | | | | | |
| LEBEN OIL 25-32S31W | C-15801 | STEWART | P | MISS | 5624 | 184 | 36.0 |
| STUKEN BROKER FIELD ----- | | | | | | | |
| TEXAS ENERGIES 20-32S31W | CR-7807 | STUKEN BROKER | P | ST GEN | 5826 | 15 | 24.0 |
| SEWARD-STEVENS COUNTIES ===== | | | | | | | |
| CUTTER FIELD ----- | | | | | | | |
| MCBIL 6,7-31S34W 1,12-31S35W | C-13902 | CUTTER UNIT AREA | W | L MORR | 3200 | 15 | 40.0 |
| SHERIDAN COUNTY ===== | | | | | | | |
| ADELL FIELD ----- | | | | | | | |
| CONOCO 1,2,3,11,12- 6S27W | C-8906 | ADELL LKC UNIT | W | LKC | 3500 | 23 | 39.0 |
| PETROLEUM MANAGEMENT 7,18- 6S26W 12,13- 6S27W | C-9881 | ADELL | W | LKC | 3530 | 12 | 38.0 |
| HORTONVILLE FIELD ----- | | | | | | | |
| KAISER-FRANCIS 20- 6S26W | C-10188 | HARDESTY | O | LANS | 3744 | 94 | 34.5 |
| HOXIE FIELD ----- | | | | | | | |
| JOHN O. FARMER 36- 8S29W 1- 9S29W 6- 9S28W | C-16164 | HOXIE UNIT | P | TOR&LKC | 3856 | 5 | 39.0 |
| HOXIE WEST FIELD ----- | | | | | | | |
| KCCH EXPLORATION 34,35- 8S29W | C-18370 | WEST HOXIE | W | LKC | 3915 | NR | 27.9 |
| KOCH EXPLORATION 35- 8S29W | C-15224 | PRATT | W | SHAW | 2816 | 14 | 27.9 |
| JEROME FIELD ----- | | | | | | | |
| OKMAR OIL 35- 8S27W | C-15345 | JEROME | W | LKC | 3930 | 5 | 39.0 |
| OCHS FIELD ----- | | | | | | | |
| L.G. STEPHENSON 24- 9S28W | C-18290 | OCHS | P | LKC | 3906 | 8 | 28.5 |
| OVERLOOK NORTH FIELD ----- | | | | | | | |
| DREILING OIL 17-8S26W | C-17103 | KYSAR | D | LKC | 3805 | 80 | 37.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|------|-------------|-------|-----|------|--------------|-----|-----|-------|-----------------|------|----------|-----|---------|----------|---------|-------|----|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD | NOTES | NO |
| | | | TOT | NEW | | MB OR (MMCF) | TOT | NEW | | MB OR (MMCF) | | TOT | NEW | | | | | |
| | | | | | | 1982 CUM | | | | 1982 CUM | | | | | 1982 CUM | | | |
| | | | | | | 1981 | | | | 1981 | | | | | 1981 | | | |
| 1970 | U | PROD | 1 | 0 | 67.5 | 442 | 1 | 0 | 2.9 | 42.2 | 0 | NR | | | C-15801 | | | |
| 1978 | L | PROD | 1 | 0 | 135 | NR | 1 | 0 | 1.5 | 60.0 | 1.5 | 8.4 | | | CR-7807 | | | |
| 1968 | M | PROD & OGLA | 5 | 0 | 1043 | 17202 | 4 | 0 | 32.8 | 1950 | 32.8 | 1767 | | | C-13902 | | | |
| 1972 | U | CEOH | 7 | 0 | 1163 | 31104 | 11 | 0 | 64.5 | 2373 | 64.5 | 2147 | | | C-8906 | | | |
| 1963 | T | PROD & CEOH | 1 | 0 | 102 | 5192 | 2 | 0 | 2.0 | 327 | 2.0 | 289 | | | C-9881 | | | |
| 1963 | U | PROD | 1 | 0 | 38.7 | 221 | 2 | 0 | 4.8 | 126 | 0 | NR | | | C-10188 | | | |
| 1971 | U | PROD | 2 | 0 | 134 | 2193 | 3 | 0 | 16.9 | 573 | 3.8 | 220 | | | C-16164 | | | |
| 1976 | U | PROD | 1 | 0 | 57.4 | 555 | 3 | 0 | 3.0 | 430 | 7.7 | 15.4 | | | C-18370 | | | |
| 1969 | U | PROD | 0 | 0 | 0 | 995 | 2 | 0 | 10.3 | 214 | 10.3 | 152 | 2 | C-15224 | | | | |
| 1970 | U | PROD | 1 | 0 | 130 | 926 | 4 | 0 | 7.9 | 208 | 6.3 | 207 | | | C-15349 | | | |
| 1976 | U | PROD | 1 | 0 | 12.0 | 82.4 | 1 | 0 | 1.1 | 19.9 | 0 | NR | | | C-18290 | | | |
| 1969 | T | PROD | 1 | 0 | 39.0 | 930 | 2 | 0 | 1.2 | 58.8 | 0.9 | 23.7 | | | C-17103 | | | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- |
|--|------------------------|-----------------------|-------------------|--|
| SHERIDAN COUNTY ===== | | | | |
| STUDLEY FIELD ----- KRM PETROLEUM 22,23- 8S26W | C-6322 | PRATT | D LKC | 3740 20 39.0 |
| *SEE ALSO GRAHAM-SHERIDAN | | | | |
| STAFFORD COUNTY ===== | | | | |
| BAYER FIELD ----- PHILLIPS PETROLEUM 29-21S14W | C-15826 | LINCOLN A | P SIMP | 3750 14 32.0 |
| BRENN FIELD ----- STERLING DRILLING 19-23S13W | C-15211 | BRENN UNIT | P LKC | 3654 8 31.0 |
| BROCK FIELD ----- EDWARDS OIL 7-23S11W | CR10817 | INSURANCE | D ARB | 3700 40 NR |
| CENTERVIEW FIELD ----- LADD PETROLEUM (KS) 28-24S13W WHITE HAWK OIL 28-24S13W | C-12237 | TOLAND | P LKC | 3590 20 26.0 |
| CEPHAS FIELD ----- PETROLEUM INC 10-25S14W | C-11941 | VAN LIEU UNIT | D LKC | 3580 12 25.0 |
| CHASE-SILICA FIELD ----- PARRISH 4-21S12W | CR58110 | COLLINS B | W LKC | 3800 10.2 NR |
| CRISSMAN FIELD ----- | | | | |
| ARCO 15,16-23S14W | C-13792 | WELSH BEAVER UNIT | W SIMP | 3950 8 31.7 |
| DELL EAST FIELD ----- CITCO 8-21S13W PETROLEUM INC. 5-21S13W | C-15378 | REED B L-KC WF | P LKC | 3450 10 37.0 |
| FANSHIER FIELD ----- SOUTHERN STATES OIL 16-21S13W SOUTHERN STATES OIL 9-21S13W | CPM8791 | NEWCOMBE A WF | P LKC | 3442 7 30.2 |
| GATES FIELD ----- ARCO 27-21S13W | C-16704 | HARMS | W LKC | 3319 5 33.0 |
| | C-16314 | FANSHIER | W LKC | 3318 5 32.0 |
| | C-12284 | GATES UNIT | W LKC | 3550 130 37.1 |

| INJECTION DATA | | | | | | | | | | | | PRODUCTION DATA | | | | PROJECT | |
|----------------|------|------------|-------|-----|--------------|---------|-----|--------------|----------|------|------|-----------------|------|--------|------|---------|---------|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | ENHANC | PROD | NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | CR(MMCF) | CUM | 1982 | 1982 | CUM | | | | |
| | | | --- | --- | --- | --- | --- | --- | --- | --- | (98) | (98) | (98) | --- | --- | --- | --- |
| 1958 | U | PROD | 1 | 0 | 9.2 | 2118 | 2 | 0 | 2.1 | 21.0 | 0 | 0 | 0 | 0 | 0 | 0 | C-6322 |
| 1970 | L | PROD | 1 | 0 | 6.7 | 37.8 | 1 | 0 | 5.1 | 294 | 0 | 0 | 0 | 0 | 0 | 0 | C-15826 |
| 1969 | M | PROD & FR | 1 | 0 | 88.4 | 1086 | 2 | 0 | 3.4 | 99.3 | 3.4 | 99.3 | 3.4 | 99.3 | 3.4 | 99.3 | C-15211 |
| 1981 | U | PROD | 1 | 0 | 1.5 | 6.0 | 4 | 5 | 12.0 | 16.0 | 0 | NR | 0 | NR | 0 | NR | CR10817 |
| 1966 | F | PROD & FR | 0 | 0 | 0 | 112 | 3 | 0 | 2.1 | 406 | 0 | 0 | 0 | 0 | 0 | 2 | C-12237 |
| 1965 | U | PROD | 1 | 0 | 18.2 | 303 | 2 | 0 | 1.6 | 35.6 | 1.6 | 35.6 | 1.6 | 35.6 | 1.6 | 35.6 | C-11941 |
| 1981 | L | PROD | 1 | 0 | 18.5 | 18.5 | 2 | 1 | 3.4 | 264 | 0 | 0 | 0 | 0 | 0 | 0 | CR58110 |
| 1962 | L | PROD | 1 | 0 | 80.3 | 1542 | 3 | 0 | 4.2 | 395 | 1.8 | 45.3 | 1.8 | 45.3 | 1.8 | 45.3 | C-9481 |
| 1966 | M | PROD & TER | 2 | 0 | 311 | 4148 | 6 | 0 | 5.7 | 374 | 5.7 | 374 | 5.7 | 374 | 5.7 | 374 | C-13792 |
| 1970 | U | PROD | 1 | 0 | 184 | 689 | 2 | 0 | 2.5 | 144 | 2.5 | 13.8 | 2.5 | 13.8 | 2.5 | 13.8 | C-15378 |
| 1979 | T | PROD | 1 | 0 | 50.0 | 102 | 1 | 0 | 6.3 | 236 | 6.3 | 180 | 6.3 | 180 | 6.3 | 180 | CPM8791 |
| 1972 | M | PROD & FR | 2 | 0 | 144 | 678 | 6 | 0 | 8.3 | 183 | 8.3 | 183 | 8.3 | 183 | 8.3 | 183 | C-16794 |
| 1972 | M | PROD & FR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | C-16314 |
| 1966 | U | PROD | 1 | 0 | 257 | 36116 | 5 | 0 | 14.8 | 2343 | 14.8 | 2343 | 14.8 | 2343 | 14.8 | 2343 | C-12284 |

| OPERATOR LOCATION | PROJECT NO. | PROJECT NAME | TYP | OIL PRODUCING ZONE | | | |
|--|----------------|--------------------|-----|--------------------|-------|-----|------|
| | | | PRJ | NAME | DEPTH | THK | GRAV |
| STAFFORD COUNTY | | | | | | | |
| GATES FIELD | | | | | | | |
| ENERGY RESERVES 32-21S13W | C-16179 | CHAPMAN | W | LKC | 3500 | 200 | 26.2 |
| NADEL & GUSSMAN 25,36-21S13W | C-15785 | FISCHER UNIT | W | LKC | 3300 | 20 | 34.5 |
| OKMAR OIL 36-21S13W 1,2-22S13W | C-13744 | FISCHER-WEIZBROD | W | LKC | 3300 | 5 | 34.0 |
| PHILLIPS PETROLEUM 33-21S13W | C-16109 | STAFFORD | W | LKC | 3371 | 24 | 30.0 |
| STALCUP OIL 11-22S13W | C-6844 | SITTNER | W | LKC | 3650 | 4 | 29.0 |
| GLASSCOCK FIELD | | | | | | | |
| PETROLEUM INC 32-24S13W 5-25S13W | C-14551 | GLASSCOCK LKC UNIT | W | LKC | 3837 | 15 | 28.6 |
| GREEN RIDGE FIELD | | | | | | | |
| R.H. SIEGFRIED 19,25-23S14W | C-15604 | CADMAN UNIT | W | LKC | 3600 | 10 | 32.0 |
| GRUNDER FIELD | | | | | | | |
| TOMLINSON OIL 11-25S15W | C-17842 | GRUNDER | | MISS | NR | NR | NR |
| HAZEL WEST FIELD | | | | | | | |
| BROUGHEF OIL 17-21S13W | C-18556 | G. GROW | W | KC | 3325 | 175 | 29.8 |
| HICKMAN FIELD | | | | | | | |
| CHAPMAN EXPL 33-21S14W | C-17790 | KRAMPE | W | LKC | 3614 | 14 | 22.0 |
| KAISET-FRANCIS 27-21S14W | C-10320 | GATES B & PILE | | LANS | 3412 | 200 | 29.0 |
| HICKMAN WEST FIELD | | | | | | | |
| TENNECO 33-21S14W | C-17848 | KRAMPE COOP | W | LKC | 3550 | 16 | 20.0 |
| JORDAN FIELD | | | | | | | |
| CITCO 15,16-25S14W | C-16263 | JORDAN | W | LKC | 3630 | 35 | 33.0 |
| KENILWORTH FIELD | | | | | | | |
| PHILLIPS PETROLEUM 15-22S13W | C-1976 | OCHEL SWD #3 | | ARB | 3820 | NR | 30.0 |
| KIPP FIELD | | | | | | | |
| EARL M. KNIGHTON 22,26,27-25S14W | C-1419 | KIPP | P | LKC | 3836 | 73 | 33.0 |
| KIPP NORTHEAST FIELD | | | | | | | |
| CITCO 14,23,24-25S14W | C-14970 | KIPP N.E. | W | LKC | 3650 | 21 | 32.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|------|-------------|-------|-----|-----|---------|--------------|-------|-------|-----------------|------|----------|-------------|------|--------|---------|---------|----|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD | NOTES | NO |
| | | | YR | WTR | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | TOT | NEW | MB OR(MMCF) | CUM | | | | |
| | | | | | | | 1982 | | | 1982 | | | 1982 | | 1981 | | | |
| | | | | | | | 1981 | | | 1981 | | | 1981 | | 1981 | | | |
| 1971 | U | PROD | | | 0 | 0 | 0 | 1801 | 3 | 0 | 9.0 | 100 | 9.0 | 70.2 | | 2 | C-16179 | |
| 1970 | M | PROD & SHSD | | | 3 | 0 | 287 | 2666 | 20 | 0 | 33.7 | NR | 6.4 | NR | | | C-15785 | |
| 1967 | U | PROD & ARB | | | 1 | 0 | 7.3 | 814 | 5 | 0 | 6.3 | 521 | 3.1 | 35.3 | | | C-13744 | |
| 1977 | U | PROD | | | 1 | 0 | 64.2 | 862 | 6 | 0 | 6.9 | 901 | 0 | 64.4 | | | C-16109 | |
| 1965 | U | PROD | | | 1 | 0 | 72.0 | NR | 1 | 0 | 2.2 | NR | NR | NR | | | C-6844 | |
| 1968 | F | QUAT | | | 2 | 0 | 333 | 4748 | 4 | 0 | 10.9 | 838 | 10.9 | 345 | | | C-14551 | |
| 1970 | M | PROD & FR | | | 3 | 0 | 124 | 1633 | 5 | 0 | 5.4 | 108 | 5.4 | 108 | | | C-15604 | |
| NR | | NR | | | 1 | 0 | 44.5 | 186 | 2 | 0 | 0.6 | 63.0 | NR | NR | | | C-17842 | |
| NR | T | PROD | | | 1 | 0 | 216 | 2500 | 2 | 0 | 2.8 | 90.0 | 1.0 | 10.0 | | | C-18556 | |
| 1978 | M | PROD & FR | | | 1 | 0 | 25.3 | 167 | 1 | 0 | 3.9 | 110 | 2.8 | 6.1 | | | C-17790 | |
| 1963 | T | PROD | | | 2 | 0 | 379 | 2108 | 8 | 0 | 16.3 | 1291 | 16.3 | 87.2 | | | C-10320 | |
| 1975 | M | PROD & FR | | | 2 | 0 | 12.0 | NR | 2 | 0 | 8.7 | NR | 6.5 | NR | | | C-17848 | |
| 1956 | M | PROD & FRSD | | | 5 | 0 | 731 | 9877 | 6 | 1 | 15.9 | 1658 | 15.9 | 581 | | | C-1E263 | |
| 1948 | U | PROD | | | 1 | 0 | 264 | 13545 | 2 | 0 | 1.5 | 236 | 0 | 0 | | | C-1976 | |
| 1946 | U | PROD | | | 1 | 0 | 65.0 | 1507 | 5 | 0 | 10.4 | NR | 7.0 | NR | | | C-1419 | |
| 1961 | M | PROD&FR SD | | | 2 | 0 | 10.0 | 2500 | 2 | 0 | 2.6 | 441 | 2.6 | 89.7 | | | C-14970 | |

| OPERATOR ----- LOCATION | PROJECT ----- NO | PROJECT NAME ----- | TYP ----- PRJ | OIL PRODUCING ZONE | | | |
|---------------------------------|------------------------|-----------------------|---------------------|--------------------|-------|-----|------|
| | | | | NAME | DEPTH | THK | GRAV |
| STAFFORD COUNTY ===== | | | | | | | |
| KNOCHE SOUTH FIELD | | | | | | | |
| PALOMINO PETROLEUM 8-24S12W | C-14623 | JORDAN B | D | VIO&LKC | 3871 | NR | 34.0 |
| KOELSCH WEST FIELD | | | | | | | |
| NADEL & GUSSMAN 23-24S14W | C-15408 | KOELSCH | W | LKC | 3700 | 8 | 31.0 |
| KOWALSKY SOUTHWEST FIELD | | | | | | | |
| OKMAR OIL 7,8-21S11W | C-17285 | SCHLOCTERMEIER | W | SIM&ARB | 3418 | 29 | 33.0 |
| LEESBURG FIELD | | | | | | | |
| CONOCO 12-25S15W | C-11122 | LEESBURG NO. | | LAN&SIM | 4070 | 96 | 33.5 |
| LEESBURG SOUTH FIELD | | | | | | | |
| CONOCO 13-25S13W | CR1816 | RUSSELL | P | TOPEKA | 3075 | 18 | NR |
| MACKSVILLE EAST FIELD | | | | | | | |
| MURFIN DRILLING 13,23-24S15W | CR-4807 | SUITER-REED | W | SIMPSON | 4303 | 5 | 38.0 |
| MAX FIELD | | | | | | | |
| GREENWOLF OIL 1-22S12W | CR-9807 | MELLIES | W | LKC | 3286 | 40 | 26.0 |
| FHILLIPS PETRCLEUM 34-21S12W | C-15562 | SIEFKES A | D | ARB | 4001 | 2 | 38.0 |
| MCCANDLESS FIELD | | | | | | | |
| ARCO 30-25S13W | C-14032 | MCCANDLESS | W | LKC | 3701 | 5 | NR |
| MCKITTRICK FIELD | | | | | | | |
| ASPEN DRILLING 28-21S11W | C-17223 | WOLF A | W | SIMP | 3350 | 18 | 48.0 |
| MOODY FIELD | | | | | | | |
| NADEL & GUSSMAN 7,8-25S14W | C-15347 | MOODY UNIT | W | MISS | 4200 | 20 | 35.0 |
| MOUNTAIN VIEW FIELD | | | | | | | |
| PETROLEUM INC 29-22S13W | C-13905 | WALLS A WF | W | LKC | 3450 | 7 | 30.7 |
| MELLER FIELD | | | | | | | |
| JOE HOLMAN 18-21S12W | C-6117 | WELCH | W | ARB | 3570 | 14 | 36.3 |
| KAISET-FRANCIS 12-21S13W | C-6062 | BATMAN B | D | ARB | 3570 | NR | 37.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | PROJECT | |
|----------------|------|-------------|-------|-----|--------------|-------|-------|-------------|----------|-----------------|-------------|------|-------|----|---------|--|
| FIRST YR | TYPE | SOURCE | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC | | NOTES | NO | | |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR(MMCF) | TOT | CUM | MB OR(MMCF) | CUM | | | | |
| | | | | | 1982 | CUM | | | 1982 | CUM | | 1981 | | | | |
| | | | | | 981 | --- | | | 981 | --- | | 981 | | | | |
| 1968 | U | PROD | 1 | 0 | 9.3 | 87.1 | 1 | 0 | 0.8 | 100 | 0.1 | 0.5 | | | C-14623 | |
| 1970 | M | PROD & FR | 1 | 0 | 52.9 | 489 | 2 | 0 | 1.1 | NR | 1.1 | NR | | | C-15408 | |
| 1974 | U | PROD | 1 | 0 | 21.7 | 218 | 5 | 0 | 4.2 | 297 | 0.2 | 2.0 | | | C-17285 | |
| 1964 | F | FR | 8 | 0 | 642 | 12223 | 6 | 0 | 13.1 | 928 | 13.1 | 807 | | | C-11122 | |
| NR | T | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 4 | | CR1816 | |
| 1981 | F | FRESH | 1 | 0 | 58.5 | 58.5 | 5 | 0 | 23.7 | 130 | NR | NR | | | CR-4807 | |
| 1980 | U | ARB | 1 | 0 | 11.9 | 16.7 | 3 | 0 | 2.7 | 332 | 0.4 | 0.4 | | | CR-5807 | |
| 1970 | U | PRCC | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 5 | | C-15562 | |
| NR | | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 4 | | C-14032 | |
| 1973 | U | PROD | 1 | 0 | 20.1 | 176 | 4 | 0 | 7.2 | 389 | NR | NR | | | C-17223 | |
| 1970 | T | PROD | 1 | 0 | 163 | 2243 | 5 | 0 | 8.8 | NR | 8.8 | NR | | | C-15347 | |
| 1967 | M | PROD & QUAT | 1 | 0 | 55.5 | 709 | 2 | 0 | 7.5 | 420 | 7.5 | 180 | | | C-13909 | |
| 1958 | T | PROD | 2 | 0 | 137 | 1553 | 2 | 0 | 3.9 | 118 | NR | NR | | | C-6117 | |
| 1958 | T | PROD | 1 | 0 | 32.9 | 428 | 3 | 0 | 9.5 | 575 | 0.4 | 15.7 | | | C-6062 | |

| OPERATOR LOCATION | PROJECT NO. | PROJECT NAME | TYP PRJ | OIL PRODUCING ZONE | |
|----------------------------------|----------------|---------------------|------------|---------------------|----------|
| | | | | NAME DEPTH THK GRAV | |
| STAFFORD COUNTY | | | | | |
| MUELLER FIELD | | | | | |
| SOUTHERN STATES OIL 21-21S12W | CR-9782 | REISER UNIT | P ARB | 3627 | 40 40.0 |
| WHITE HAWK OIL 13-21S13W | C-18245 | BATMAN UNIT | P LKC | 3280 | 10 35.0 |
| OMLOR FIELD | | | | | |
| BILL WITCRAFT 10-24S12W | C-13180 | OMLOR-BUSHNELL | W KC | 3556 | 6 32.0 |
| OSCAR NORTH FIELD | | | | | |
| FALOMINO PETROLEUM 12-22S14W | C-15248 | WILLIAMS | W LKC | 3553 | 5 30.0 |
| OSCAR SOUTH FIELD | | | | | |
| PETROLEUM INC 26-22S14W | C-5948 | OSCAR SOUTH | P LKC | 3456 | 10 32.8 |
| OSCAR WEST FIELD | | | | | |
| CITCO 15,16,21,22-22S14W | C-6336 | OSCAR WEST UNIT | W LKC | 3600 | 7 33.0 |
| PLEASANT GROVE FIELD | | | | | |
| JCHN S. MARTIN 26-22S12W | C-6910 | SPANGENBERG | W KC | 3550 | 10 32.0 |
| PUNDSACK FIELD | | | | | |
| CITCO 19,20,29,30-21S13W | C-13372 | PUNDSACK UNIT | W LKC | 3270 | 27 30.0 |
| RADIUM TOWNSITE FIELD | | | | | |
| CHAPMAN EXPL 32,33-21S14W | C-16232 | BAUER-STROBEL | W LKC | 3569 | 7 36.0 |
| ROBERT E. DAVIS 4-22S14W | C-16034 | GARTUNG | P VIO&ARB | 3822 | 25 28.0 |
| RATTLESNAKE EAST FIELD | | | | | |
| PETROLEUM INC 7-24S13W | C-18179 | HENDERSON | P LKC | 3743 | 30 32.0 |
| PETROLEUM INC 7-24S13W | C-18379 | RIXON A | P LKC | 3646 | 30 31.9 |
| RATTLESNAKE SE FIELD | | | | | |
| WHITE HAWK OIL 13-24S24W | C-8232 | MC CONNAUGHHAY UNIT | W LKC | 3700 | 10 28.0 |
| RICHARDSON FIELD | | | | | |
| C&S WELL SERVICE 20-22S11W | C-13751 | AIKEN | P KC | 3500 | 200 38.0 |
| ENERGY RESERVES 30,31-22S11W | C-16654 | KOMARK-HEYEN B | P LKC | 3235 | 250 NR |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|------|-------------|-------|-----|---------|-------|--------------|------|----------|-----------------|--------|-------------|------|-------|-------------|---------|--|
| FIRST YR | TYPE | SOURCE | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC | | PROD | NOTES | NO | | |
| | | | YR | WTR | TOT | NEW | MB OR (MMCF) | 1982 | CUM | TOT | NEW | MB CR(MMCF) | 1982 | CUM | MB OR(MMCF) | | |
| | | | | | | | | 1982 | CUM | | | | 1982 | CUM | | | |
| | | | | | | | | 1981 | --- | | | | 1981 | --- | | | |
| 1978 | M | PROD&FR | 1 | 0 | 118 | 284 | 13 | 0 | 30.8 | 13401 | 30.8 | 13401 | | | | CR-5782 | |
| 1976 | U | PROD | 1 | 0 | 140 | 499 | 2 | 0 | 2.0 | 17.0 | 1.6 | 7.3 | | | | C-18245 | |
| 1967 | L | PRCD | 1 | 0 | NR | 0.1 | 2 | 0 | 4.9 | 42.1 | 4.9 | 42.1 | | | | C-13180 | |
| 1969 | F | SUPPLY WELL | 1 | 0 | 61.8 | 1262 | 3 | 0 | 3.5 | 511 | NR | NR | | | | C-15248 | |
| 1957 | T | PROD | 1 | 0 | 0.3 | 42.1 | 1 | 0 | 1.6 | 138 | 1.0 | 59.1 | | | | C-5948 | |
| 1958 | M | PRCD & FRSD | 8 | 0 | 763 | 17743 | 8 | 0 | 21.4 | 2640 | 21.4 | 1821 | | | | C-6336 | |
| NR | T | PROD | 1 | 0 | 70.2 | NR | 2 | 0 | 2.4 | NR | 2.4 | NR | | | | C-6910 | |
| 1967 | M | PROD & SHSD | 7 | 0 | 384 | 7236 | 3 | 0 | 4.9 | 1127 | 4.9 | 250 | | | | C-13372 | |
| 1973 | T | PROD & ARB | 2 | 0 | 58.5 | 838 | 3 | 0 | 24.5 | 1231 | 19.0 | 182 | | | | C-16232 | |
| 1971 | T | PRCD | 1 | 0 | 196 | 1676 | 3 | 0 | 5.0 | NR | 5.0 | NR | | | | C-16034 | |
| 1976 | T | PROD | 1 | 0 | 18.1 | 85.1 | 1 | 0 | 1.8 | 90.0 | 0 | 0 | | | | C-18179 | |
| 1976 | T | PROD | 1 | 0 | 17.7 | 79.7 | 1 | 0 | 1.4 | 119 | 0 | 0 | | | | C-18379 | |
| 1961 | U | PROD | 1 | 0 | 7.8 | 66.1 | 1 | 0 | 1.4 | 41.2 | 1.4 | 41.2 | | | | C-8232 | |
| 1960 | T | PROD | 1 | | 78.3 | 790 | 2 | 1 | 5.3 | 54.4 | 5.0 | 50.0 | | | | C-13751 | |
| 1972 | | NR | 0 | 0 | 0 | 86.3 | 19 | 0 | 47.3 | 602 | 0 | 0 | 2 | | | C-16654 | |

| OPERATOR LOCATION | PROJECT NO | PROJECT NAME | TYP PRJ | OIL PRODUCING ZONE | |
|--|---------------|---------------------|------------|---------------------|---------------|
| | | | | NAME DEPTH THK GRAV | |
| STAFFORD COUNTY | | | | | |
| ROTHGARN, S.E. FIELD | | | | | |
| WHITE HAWK OIL 14-21S13W | CR-6791 | DORAN UNIT | P | LKC | 3264 15 35.0 |
| SAND HILLS FIELD | | | | | |
| BERGMAN OIL 36-21S12W 31-21S11W | C-12920 | MELLIES | W | SIMP | 3504 4 42.0 |
| CHAPMAN EXPL 30-21S11W | C-17119 | DUGGAN | W | LKC | 3329 6 36.0 |
| SANDAGO FIELD | | | | | |
| ENERGY RESERVES 12,13-21S12W | CR-2794 | E.B. HALL A&B | W | LKC | 3190 200 37.0 |
| SAUNDRA FIELD | | | | | |
| SOUTHERN STATES OIL 22-21S12W | CR47710 | ROSE | W | LKC | 3266 6 36.0 |
| SOUTHERN STATES OIL 15-21S12W | C-15780 | CHRISTIANSEN | P | KC | 3361 25 33.0 |
| SEEVERS NORTHWEST FIELD | | | | | |
| LAOD PETROLEUM (KS) 1-2ES14W | C-13617 | SANDERS UNIT | W | LKC | 3664 NR 25.0 |
| PETROLEUM INC 6-2ES13W 1,12-2ES14W | C-14994 | SEEVERS NW LKC UNIT | W | LKC | 3760 15 31.0 |
| THORNTON E. ANDERSON 36-24S14W | C-13406 | BOWKER | D | MISS | 4030 20 34.0 |
| SHAEFFER-ROTHGARN FIELD | | | | | |
| GEORGE A. REED 10-21S13W | CR9781 | BLAKESLEE | D | LANS | 3480 5 30.0 |
| KAISER-FRANCIS 4-21S13W | C-8784 | WILLCUT B | P | LANS | 3270 200 38.0 |
| PETROLEUM INC 4-21S13W | C-11894 | SHAEFFER UNIT | W | CONGL | 3500 7 42.2 |
| TEXACO 4-21S13W | C-14211 | C.D. KOOPMAN | W | CONGL | 3540 11 44.5 |
| SILVER BELL FIELD | | | | | |
| WOODMAN-IANNITTI 9-22S13W | C-15937 | SILVER BELL P.F. | W | LKC | 3530 4 31.0 |
| SITTNER FIELD | | | | | |
| WOODMAN-IANNITTI 34-21S12W | CR-7785 | WILLIAMSON | W | LKC | NR NR NR |
| SMALLWOOD FIELD | | | | | |
| WHITE HAWK OIL 2-22S14W | C-11775 | WETIG UNIT | D | LKC | 3412 20 31.0 |
| WHITE HAWK OIL 2,11-22S14W | C-11857 | SMALLWOOD LKC UNIT | W | LKC | 3550 6 35.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | PROJECT | |
|----------------|------|-------------|-------|-----|--------------|------|-------|-------------|-------------|-----------------|-------------|------|-------|----------|---------|--|
| FIRST YR | TYPE | SOURCE | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC PROD | | NOTES | NO | | |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | MB OR(MMCF) | | | | | | | |
| | | | 1982 | --- | CUM | 1982 | --- | CUM | 1982 | CUM | 1981 | 1981 | | | | |
| | | | 1981 | --- | | 1981 | --- | | 1981 | --- | | | | | | |
| 1979 | L | PRCD | 1 | 0 | 42.0 | 100 | 1 | 0 | 2.8 | 6.7 | 1.4 | 2.7 | | CR-6791 | | |
| 1966 | T | PROD | 1 | 0 | 0.7 | 39.3 | 2 | 0 | 1.5 | 43.2 | 0.7 | 14.8 | | C-12920 | | |
| 1973 | T | PRCD & ARB | 1 | 0 | 16.1 | 235 | 1 | 0 | 4.5 | 232 | 3.0 | 20.2 | | C-17119 | | |
| 1979 | U | PROD | 1 | 0 | 39.9 | 154 | 3 | 0 | 5.2 | 15.8 | 0 | NR | | CR-2794 | | |
| 1977 | T | PROD | 1 | 0 | 124 | 334 | 10 | 0 | 11.6 | 136 | 11.6 | 136 | | CR-47710 | | |
| 1971 | T | PRCD | 1 | 0 | 8.3 | 355 | 3 | 0 | 2.1 | 48.6 | 2.1 | 48.6 | | C-15780 | | |
| 1967 | T | PROD | 2 | 0 | 179 | 1694 | 3 | 0 | 3.1 | 378 | 0 | 0 | | C-13617 | | |
| 1969 | F | QUAT | 7 | 0 | 690 | 7682 | 11 | 0 | 15.3 | 1495 | 15.3 | 418 | | C-14994 | | |
| 1967 | U | PRCD | 1 | 0 | 26.0 | 402 | 2 | 0 | 2.4 | 153 | 0 | 4.3 | | C-13406 | | |
| 1978 | L | PRCD | 1 | 0 | 65.0 | 162 | 3 | 0 | 2.5 | 13.6 | 1.0 | 1.0 | | CR-9781 | | |
| 1961 | T | PROD | 2 | 1 | 78.1 | 1078 | 4 | 2 | 8.0 | 235 | 6.2 | 7.2 | | C-8784 | | |
| 1965 | M | PRCD & QUAT | 1 | 0 | 107 | 873 | 2 | 0 | 2.2 | 380 | 2.2 | 156 | | C-11894 | | |
| 1969 | M | PROD & FR | 2 | 0 | 324 | 3363 | 2 | 0 | 6.0 | 133 | 6.0 | 120 | | C-14211 | | |
| 1967 | T | PROD | 1 | 0 | 73.0 | 1666 | 2 | 0 | 2.4 | 30.8 | 1.5 | 7.1 | | C-15937 | | |
| 1978 | U | PROD | 1 | 0 | 14.4 | NR | 1 | 0 | 0.9 | NR | 0 | NR | | CR-7785 | | |
| 1965 | U | PROD | 1 | 0 | 143 | 1125 | 4 | 0 | 15.6 | 222 | 15.6 | 172 | | C-11775 | | |
| 1957 | M | PROD & FR | 3 | 0 | 352 | 5542 | 2 | 0 | 2.6 | 197 | 2.6 | 197 | | C-11857 | | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- ----- ----- ----- | |
|--|------------------------|-----------------------|-------------------|--|--|
| STAFFORD COUNTY ===== | | | | | |
| SNIDER FIELD ----- | | | | | |
| F.G. HOLL ET AL 11-21S11W | C-13885 | SCHAFER | D CONGL | 3350 25 48.5 | |
| ST. JOHN FIELD ----- | | | | | |
| ARCO 27-24S13W | C-12286 | MCNAUGHTEN B | W LKC | 3711 300 31.5 | |
| STROBEL FIELD ----- | | | | | |
| THORNTON E. ANDERSON 8-22S14W | C-12323 | STROBEL | P KC | 3658 6 35.0 | |
| ZENITH-PEACE CREEK FIELD ----- | | | | | |
| A. SCOTT RITCHIE 22-24S11W | C-18099 | RICHARDSON | P VIOLA | 3818 42 39.0 | |
| *SEE ALSO BARTON-STAFFORD | | | | | |
| *SEE ALSO SEWARD-STEVENS | | | | | |
| SUMNER COUNTY ===== | | | | | |
| ANSON SOUTHEAST FIELD ----- | | | | | |
| PHILLIPS PETROLEUM 6,7,18-31S 1W | C-11093 | ANSON EAST UNIT | P MISS | 3750 10 41.0 | |
| PHILLIPS PETROLEUM 6,7-31S 1W | C-13989 | ANSON WEST UNIT | P MISS | 3750 10 41.0 | |
| ASHTON NORTHWEST FIELD ----- | | | | | |
| LARIO OIL & GAS 13,14-34S 1E | C-12774 | WILLIAMSON | D MISS | 3484 NR 40.0 | |
| BADGER CREEK FIELD ----- | | | | | |
| CLYDE M. BECKER 1-34S 1E | CR98111 | GRESSER | P LAYTON | 3116 16 38.0 | |
| BATES FIELD ----- | | | | | |
| PHILLIPS PETROLEUM 31-30S 1W 36-30S 2W | C-13900 | BATES UNIT | P MISS | 3750 10 41.0 | |
| CASTER FIELD ----- | | | | | |
| GETTY OIL 2,3-34S 2E 34,35-33S 2E | C-15716 | CASTER | D LAYTON | 2680 10 41.0 | |
| PREMIER PETROLEUM 2-24S02E | C-15825 | CASTER | D LAYTON | NR NR NR | |
| CHURCHILL FIELD ----- | | | | | |
| DOCKING DEVELOPMENT 25,36-31S 2E | C-13051 | CHURCHILL | W STAL | 1850 NR NR | |
| N.R. NELSON 25-31S 2E | C-18419 | NELSON | D HOOVER | 1596 6 NR | |

| INJECTION DATA | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|------|-------------|-------|-----|-------------------------|-----------------|-----|-------------------------|------|-----------------------|------------|---------|---------|
| FIRST YR | TYPE | SOURCE | WELLS | | VOL INJ MB OR (MMCF) | WELLS | | PROD VOL MB CR(MMCF) | | ENHANC MB OR(MMCF) | PROD NOTES | NO | |
| | | | TOT | NEW | | TOT | NEW | 1982 | CUM | | | | |
| | | | | | 1982 | | | 1982 | CUM | 1982 | | | |
| | | | | | 1981 | | | 1981 | | 1981 | | | |
| 1967 | U | PROD | 1 | 0 | 9.0 | 135 | 1 | 0 | 7.0 | 134 | NR | NR | C-13889 |
| 1968 | M | PROD & TER | 2 | 0 | 354 | 3926 | 2 | 0 | 9.2 | 488 | 9.2 | 488 | C-12286 |
| 1965 | U | PROD | 1 | 0 | 72.0 | 700 | 1 | 0 | 1.4 | 79.1 | 0.5 | 3.2 | C-12323 |
| 1975 | U | PROD | 1 | 0 | 182 | 1713 | 2 | 0 | 1.8 | 387 | 1.8 | 79.0 | C-18099 |
| 1964 | F | FR WELL | 2 | 0 | 130 | 5070 | 8 | 0 | 17.3 | 1824 | 17.3 | 927 | C-11093 |
| 1968 | M | PROD & FR | 2 | 0 | 205 | 4623 | 7 | 0 | 25.3 | 1291 | 17.5 | 354 | C-13989 |
| 1966 | U | PROD & ARB | 1 | 0 | 28.2 | NR | 1 | 0 | 2.9 | 112 | 0.5 | 9.2 | C-12774 |
| 1981 | U | PROD | 1 | 1 | 1.8 | 1.8 | 4 | 2 | 9.2 | 13.6 | 0 | 0 | CR98111 |
| 1967 | U | PROD & STAL | 2 | 0 | 606 | 9222 | 13 | 1 | 52.8 | 1191 | 52.8 | 603 | C-13900 |
| 1970 | U | PROD | 3 | 0 | 175 | 1683 | 12 | 0 | 18.3 | 517 | 12.7 | 22.2 | C-15716 |
| NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | C-15825 |
| NR | U | PROD | 1 | 0 | 17.8 | NR | 1 | 0 | 1.0 | NR | NR | NR | C-13051 |
| 1976 | | PROD | 2 | 0 | 8.8 | NR | 2 | 0 | 1.5 | NR | 0 | NR | C-18419 |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ ----- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- |
|--|------------------------|-----------------------|---------------------|--|
| SUMNER COUNTY ===== | | | | |
| CONWAY SPRINGS FIELD ----- | | | | |
| TEXACO 5,8-31S 3W | C-12381 | CONWAY SPRINGS | P | SIMP 4352 15 44.0 |
| FALL CREEK FIELD ----- | | | | |
| TEXACO 3,4,9,10-35S 3W | C-14630 | FALL CREEK UNIT | W | KC 3700 7 36.0 |
| GUELPH FIELD ----- | | | | |
| HERDON OIL & GAS 6-35S1E | C-17006 | GURLEY | | SIMP 3908 19 45.0 |
| HOLMAN FIELD ----- | | | | |
| MCNAUL C. SLAWSON 26,35-33S 2E | C-18062 | HOLMAN UNIT | W | BARTL 3275 18 39.0 |
| INTERCHANGE FIELD ----- | | | | |
| LARIC OIL & GAS 18,19-32S 1E | C-10738 | ASHTON-LYNCH UNIT | P | SIMP 4050 NR 43.0 |
| KLEIER FIELD ----- | | | | |
| PREMIER PETROLEUM 10-33S02E | C-16912 | KLEIER | D | LAYTON 2700 30 40.0 |
| LATTA FIELD ----- | | | | |
| OKMAR OIL 8,9-30S 2W | C-15035 | LATTA COOP | W | LKC 3045 5 37.0 |
| LATTA NORTHWEST FIELD ----- | | | | |
| CITCO 5-30S2W | C-17986 | DALEY | D | LANS 3170 3 36.0 |
| TEXACO 5-30S 2W | C-8774 | MARY LOWRY | P | KC 3180 10 NR |
| LEE FIELD ----- | | | | |
| CCN W. KNAPP OIL 33-32S 2E | CR-2795 | LEE | D | MISS 3349 15 38.0 |
| LOVE FIELD ----- | | | | |
| CCNOOC 13-32S 4W | C-15195 | LOVE | P | SIMP 4378 12 38.8 |
| MCLAUGHLIN FIELD ----- | | | | |
| HUMMON 12-30S 2W | CR-5802 | CASTHOLM | P | LKC 3199 7 35.0 |
| MURPHY FIELD ----- | | | | |
| TERRA RESOURCES 8,9,16,17-35S 2E | C-14498 | VERNON NORTH UNIT | W | MISS 3392 11 41.3 |
| WILLIAM COHEN ESTATE 1-35S2E | C-17971 | HORTON | P | BARTL NR NR NR |

| INJECTION DATA | | | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT |
|----------------|------|-------------|-------|-----|--------------|---------|-----|-------------|-------|------|-------------|-----------------|-----|-------------|--------|------------|------------|---------|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD NOTES | PROJECT NO | |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | TOT | NEW | MB OR(MMCF) | TOT | NEW | MB CR(MMCF) | | | | |
| | | | 1982 | CUM | --- | 1982 | CUM | --- | 1982 | CUM | --- | 1982 | CUM | --- | | | | |
| | | | 1981 | --- | --- | 1981 | --- | --- | 1981 | --- | --- | 1981 | --- | --- | | | | |
| 1967 | L | PROD | 3 | 0 | 563 | 6608 | 4 | 0 | 5.6 | 1215 | 0 | 0 | 0 | 0 | 0 | 0 | C-12381 | |
| 1969 | U | PROD | 2 | 0 | 288 | 3427 | 5 | 0 | 2.8 | 163 | 2.8 | 137 | 0 | 0 | 0 | 0 | C-14630 | |
| 1973 | L | PRCD | 1 | 0 | 712 | 5701 | 7 | 0 | 17.9 | 2660 | 0 | 0 | 0 | 0 | 0 | 0 | C-17006 | |
| 1976 | T | PROD & STAL | 3 | 0 | 360 | 2049 | 4 | 0 | 6.2 | 566 | 6.2 | 47.3 | 0 | 0 | 0 | 0 | C-18062 | |
| 1964 | U | PROD | 1 | 0 | 298 | 1780 | 2 | 0 | 6.6 | 940 | 0 | 0 | 0 | 0 | 0 | 0 | C-10738 | |
| 1975 | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | C-16912 | |
| 1969 | U | PROD | 2 | 0 | 197 | 1968 | 6 | 1 | 9.7 | 596 | 5.3 | 41.5 | 0 | 0 | 0 | 0 | C-15035 | |
| 1975 | L | PRCD | 1 | 0 | 25.8 | 79.3 | 2 | 0 | 1.1 | 166 | 1.1 | 1.1 | 0 | 0 | 0 | 0 | C-17986 | |
| 1977 | U | PROD | 1 | 0 | 125 | 463 | 5 | 0 | 24.0 | 88.8 | 0 | 0 | 0 | 0 | 0 | 0 | C-8774 | |
| 1981 | L | STAL | 1 | 0 | 156 | 156 | 5 | 0 | 4.6 | 4.6 | 0 | 0 | 0 | 0 | 0 | 0 | CR-2795 | |
| 1973 | L | PRCD | 1 | 0 | 47.5 | 416 | 1 | 0 | 1.0 | 6.7 | 1.0 | 6.7 | 0 | 0 | 0 | 0 | C-15195 | |
| 1979 | T | PROD | 1 | 0 | 142 | 284 | 3 | 0 | 11.1 | 26.5 | 0.4 | 0.6 | 0 | 0 | 0 | 0 | CR-5802 | |
| 1961 | T | PROD&STAL | 4 | 0 | 480 | 9355 | 6 | 0 | 15.7 | 746 | 15.7 | 375 | 0 | 0 | 0 | 0 | C-14498 | |
| NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 3 | C-17971 | | |

| OPERATOR ----- LOCATION ----- | PROJECT ----- NO ----- | PROJECT NAME ----- | TYP ----- PRJ | OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV ----- | | | |
|--|---------------------------------|-----------------------|---------------------|---|------|----|------|
| SLUMMER COUNTY ===== | | | | | | | |
| O'HARA FIELD ----- | | | | | | | |
| STELBAR OIL 18-32S 1W | C-9106 | O'HARA | W | KC | 3250 | 10 | 35.0 |
| PADGETT FIELD ----- | | | | | | | |
| R.P. GUYOT 22-32S 4E | C-4601 | THIESSEN | D | MISS | 3491 | 29 | 40.2 |
| STELBAR OIL 26,27,34-34S 2E | C-14030 | NORRISH-SHAWVER | W | MISS | 3450 | 30 | 40.0 |
| STELBAR OIL 34-34S 2E | C-10688 | POST | W | MISS | 3450 | 30 | 40.0 |
| PORTLAND FIELD ----- | | | | | | | |
| A.L. ABERCROMBIE 16-34S 1E | C-16148 | HUNT | | LAYTON | 3026 | 31 | 35.0 |
| ROME FIELD ----- | | | | | | | |
| ANADARKO PRODUCTION 7,18-33S 1E | C-18663 | ROME | P | SIMP | 4170 | 19 | 40.2 |
| RUSK FIELD ----- | | | | | | | |
| LARIC OIL & GAS 8-32S 1W | C-17898 | RUSK | P | SIMP | 4027 | NR | 38.0 |
| RITTER SOUTHWEST FIELD ----- | | | | | | | |
| LARIC OIL & GAS 29-33S 2E | C-12773 | KING | P | SIMP | 3525 | 15 | 38.0 |
| SEYDELL FIELD ----- | | | | | | | |
| E. MORRIS SEYDELL 8,16,17-30S 1E | C-11612 | SEYDELL | W | SIMP | 3800 | 13 | 40.0 |
| MULTISTATE OIL PROP. 9-30S 1E | C-14742 | STUNKEL | P | SIMP | 3766 | 7 | 47.0 |
| SLATE CREEK FIELD ----- | | | | | | | |
| OIL PROPERTY MGT 9-30S 2E | C-18259 | BRANN MARTIN | P | KC | 2680 | 12 | 36.5 |
| SLICK-CARSON FIELD ----- | | | | | | | |
| J.A. ALLISON 24-32S 2E | C-16485 | CONRAD | W | BARTL | 3124 | 13 | 42.0 |
| TREKELL FIELD ----- | | | | | | | |
| PHILLIPS PETROLEUM 18,19-31S 1W | C-11012 | ANSON SOUTH UNIT | P | MISS | 3750 | 40 | 41.0 |
| VOILS FIELD ----- | | | | | | | |
| DONALD C. SLAWSON 16,17-30S 1W | C-15952 | BELL B - KRAFT B | W | MISS | 3500 | 20 | 46.0 |
| WELLINGTON FIELD ----- | | | | | | | |
| TERRA RESOURCES 20,28,29,32,33-31S 1W 4,5,6,7,8,9-32S 1W | C-3396 | WELLINGTON UNIT | W | MISS | 3650 | 20 | 42.7 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | PROJECT | |
|----------------|------|-------------|-------|-----|--------------|--------|-------|-------------|----------|-----------------|--------|-------|-------|----|-------------------|--|
| FIRST YR | TYPE | SOURCE | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC | PROD | NOTES | NO | | |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB GR(MMCF) | CUM | MB OR(MMCF) | | | | | | |
| | | | | | 1982 CUM | | | 1982 CUM | | 1982 CUM | | | | | | |
| | | | | | 1981 | | | 1981 | | 1981 | | | | | | |
| 1961 | T | PROD | 2 | 0 | 96.8 | 1958 | 4 | 0 | 5.3 | NR | 5.3 | 284 | | | C-9106 | |
| NR | U | PROD | 1 | 0 | 10.9 | NR | 2 | 0 | 1.6 | NR | 0 | NR | | | C-4601 | |
| 1960 | L | PROD | 2 | 0 | 274 | 2692 | 12 | 0 | 20.3 | NR | 20.3 | 270 | | | C-14030 | |
| 1965 | U | PROD & STAL | 1 | 0 | 128 | 1506 | 1 | 0 | 6.3 | NR | 6.3 | 91.0 | | | C-9209 C-10688 | |
| 1971 | U | PROD | 1 | 0 | 266 | 1121 | 5 | 1 | 3.7 | 632 | 0 | 0 | | | C-16148 | |
| 1977 | U | PROD | 1 | 0 | 45.0 | 265 | 3 | 0 | 23.6 | 429 | 0 | 0 | | | C-18663 | |
| 1978 | U | PROD | 1 | 0 | 255 | 837 | 1 | 0 | 2.7 | 375 | 0 | 0 | | | C-17898 | |
| 1964 | U | ARB | 1 | 0 | 132 | 1000 | 1 | 0 | 4.7 | 163 | 0.9 | 5.1 | | | C-12773 | |
| 1963 | M | PRCD & FR | 3 | 0 | 319 | 3736 | 4 | 0 | 7.6 | 874 | 7.6 | 298 | | | C-11612 | |
| 1969 | U | PROD | 1 | 0 | 129 | NR | 1 | 0 | 1.9 | NR | 1.8 | NR | | | C-14742 | |
| 1976 | T | PROD | 1 | 0 | 19.4 | 69.3 | 1 | 1 | 1.6 | 10.5 | 0.2 | 10.5 | | | C-18259 | |
| 1972 | T | PROD | 1 | 0 | 11.3 | 169 | 1 | 0 | 2.3 | 108 | 2.3 | 54.2 | | | C-16485 | |
| 1964 | T | PROD | 1 | 0 | 70.0 | 4098 | 2 | 0 | 6.3 | 369 | 6.3 | 118 | | | C-11012 | |
| 1971 | U | PROD & STAL | 1 | 0 | 24.6 | 384 | 2 | 0 | 4.8 | 192 | 0.6 | 3.5 | | | C-15952 | |
| 1953 | T | PROD & STAL | 34 | 0 | 5779 | 145859 | 67 | 0 | 1E3 | 17988 | 153 | 10014 | | | C-3396 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ --- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- ----- ----- | |
|--|------------------------|-------------------------|-------------------|--|--|
| SLMNER COUNTY ===== | | | | | |
| WELLINGTON NORTHEAST FIELD | | | | | |
| ALADDIN PETRCLEUM 23,27-31S1W | C-11040 | MILLER-VOILS | W | MISS 3640 18 38.0 | |
| ZYBA SOUTHWEST FIELD | | | | | |
| A. L. ABERCROMBIE 15-30S 1W | C-7955 | CHITWOOD-SNYDER | NR | NR NR NR | |
| TREGO COUNTY ===== | | | | | |
| DIEBOLT FIELD | | | | | |
| PETROLEUM CORP OF TX 4-11S23W | CR-8817 | WALKER C | D | LKC 3573 133 NR | |
| GARNER WEST FIELD | | | | | |
| JOE KATZ & ASSOC. 24-11S25W | C-16437 | BROWN | P | LANS 3911 22 24.0 | |
| GROFF FIELD | | | | | |
| EARL M. KNIGHTON 35-14S21W | C-13935 | HOLTZINGER | W | CHER 3795 16 37.0 | |
| JOHN O. FARMER 35-14S21W | C-17618 | GROFF COOP FLD | P | CHER 3800 5 32.0 | |
| HAMBURG FIELD | | | | | |
| JOHN JAY DARAH JR 11-13S21W | CR-7816 | HAMBURG | D | MARM 3400 60 38.0 | |
| HOLLAND FIELD | | | | | |
| MCNAUL C. SLAWSON 23-13S22W | C-17377 | HOLLAND B | W | LKC 3650 5 31.0 | |
| KROEGH SOUTH FIELD | | | | | |
| HESS OIL 1-14S21W | CR11804 | LUEA | P | ARB 3949 20 39.0 | |
| KUTINA FIELD | | | | | |
| DREILING CIL 20-15S21W | C-6250 | C. KUTINA | D | CHER 4340 40 34.0 | |
| MCNG FIELD | | | | | |
| WICK'S PETR 25-11S13W | C-11229 | TREGO | D | KC 3616 NR 36.6 | |
| NEWCOMER FIELD | | | | | |
| A.L. ABERCROMBIE 12-12S23W | C-8278 | RASEK A | D | LKC 3700 35 39.0 | |
| PETROLEUM MANAGEMENT 2,11,12-12S23W | C-10092 | NEWCOMER COOP-HIXSON LK | W | LKC 3760 12 36.0 | |

| INJECTION DATA | | | | | | | | | | | | PRODUCTION DATA | | | | PROJECT | |
|----------------|-----|-----------|-------|-----|--------------|------|-------|-----|-------------|------|-------------|-----------------|-------|------|------|---------|--------------------|
| FIRST YR | | SOURCE | WELLS | | VOL INJ | | WELLS | | PROD VOL | | ENHANC PROD | | NOTES | NO | | | |
| YR | WTR | | TOT | NEW | MB OR (MMCF) | | TOT | NEW | MB CR(MMCF) | | MB OR(MMCF) | | | | | | |
| | | | | | 1982 | CUM | | | 1982 | CUM | 1982 | CUM | | | | | |
| | | | | | --- | --- | | | --- | --- | --- | --- | | | | | |
| | | | | | 1981 | | | | 1981 | | 1981 | | | | | | |
| 1957 | T | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | C-11040 |
| NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 94 | C-7955 |
| 1981 | U | PROD | 1 | 0 | 166 | 165 | 2 | 0 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | CR-8817 |
| 1972 | U | PROD | 1 | 0 | 148 | 1424 | 2 | 0 | 3.4 | 105 | 0 | 0 | 0 | 0 | 0 | 0 | C-16437 |
| 1967 | M | PRCD & FR | 1 | 0 | 64.0 | NR | 3 | 0 | 6.0 | NR | 1.5 | NR | NR | NR | NR | NR | C-13935 |
| 1974 | U | PROD | 2 | 0 | 60.0 | 2078 | 5 | 0 | 6.3 | 1219 | 0.6 | 78.8 | 0.6 | 78.8 | 0.6 | 78.8 | C-17618 C-10154 |
| 1981 | U | PROD | 1 | 0 | 9.0 | 9.0 | 3 | 1 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | CR-7816 |
| 1974 | U | PRCD | 1 | 0 | 34.2 | 252 | 2 | 0 | 2.7 | 93.3 | 1.6 | 10.6 | 1.6 | 10.6 | 1.6 | 10.6 | C-17377 |
| NR | T | PROD | 1 | 0 | 65.7 | 65.7 | 4 | 0 | 9.1 | 16.7 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | CR11804 |
| NR | T | PROD | 1 | 0 | 400 | 2000 | 1 | 0 | 2.7 | 230 | 1.1 | 103 | 1.1 | 103 | 1.1 | 103 | C-6250 |
| 1962 | U | PROD | 1 | 0 | 1.6 | 32.0 | 2 | 0 | 4.5 | 14.8 | 0 | 0 | 0 | 0 | 0 | 0 | C-11229 |
| 1960 | U | PROD | 1 | 0 | 160 | 1414 | 2 | 0 | 1.8 | 217 | 0 | 4.5 | 0 | 4.5 | 0 | 4.5 | C-8278 |
| 1960 | T | PROD | 1 | 0 | 105 | 4829 | 6 | 0 | 12.1 | 637 | 12.1 | 481 | 12.1 | 481 | 12.1 | 481 | C-10092 |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP ----- | OIL PRODUCING ZONE ----- | | | |
|--|------------------------|-----------------------|--------------|-----------------------------|---------------|----------------|--------------|
| | | | | PRJ --- | NAME ----- | DEPTH ----- | THK ----- |
| TREGO COUNTY ===== | | | | | | | |
| NEWCOMER FIELD ----- | | | | | | | |
| TEXACO 1-12S23W | C-16356 | NEWCOMER UNIT | W | LKC | 3650 | 4 | 38.4 |
| NICHOLSON FIELD ----- | | | | | | | |
| CITCO 25-11S21W | C-17636 | NICHOLSON LKC WF | W | LKC | 3580 | 12 | NR |
| OGALLAH FIELD ----- | | | | | | | |
| COASTAL OIL & GAS 26-12S22W | C-14633 | SCHOENTHALER | D | LKC | 3580 | 10 | 39.0 |
| TEXACO 25,26,27,31,34-12S22W 35,36-12S22W 35,36-2S22W | CR-6779 | OGALLAH UNIT | P | ARB | 3950 | 24 | 37.0 |
| RIDGEWAY FIELD ----- | | | | | | | |
| TEXACO 26,27-12S21W | C-17401 | E. KING | P | LAN&ARB | 3893 | NR | NR |
| TIDBALL FIELD ----- | | | | | | | |
| ASSOCIATES OIL & GAS 12-11S25W | CR97916 | TIDBALL WF | W | LKC | 4000 | 7 | NR |
| TIDBALL EAST FIELD ----- | | | | | | | |
| RUPE OIL 7-11S24W | CR10771 | DAVIS | P | LKC | 3910 | 7 | 37.0 |
| TRICO FIELD ----- | | | | | | | |
| CITCO 1-11S21W | C-17094 | SPAULDING B WF | W | LKC | 3366 | 8 | NR |
| U-P FIELD ----- | | | | | | | |
| JCHN JAY DARRAH JR 21-12S22W | CR-7813 | WINDHOL Z | D | ARB | 4088 | 31 | 41.0 |
| WODA FIELD ----- | | | | | | | |
| FOUR-WAY OPERATING 21,28-11S24W | C-15938 | WODA UNIT | W | LKC | 3991 | 21 | 33.0 |
| WAKEENEY FIELD ----- | | | | | | | |
| OKMAR OIL 13,24-11S24W | C-14181 | MONG | W | LKC | 3539 | 5 | 36.0 |
| OKMAR OIL 15-11S23W | C-6045 | KRAUS-LEMKE | W | LKC | 3500 | 5 | 40.0 |
| WALZ FIELD ----- | | | | | | | |
| CONOCO 13-11S21W | C-14887 | WALZ LKC | W | LKC | 3400 | 17 | 33.6 |
| *SEE ALSO GRAHAM-TREGO | | | | | | | |
| WABAUNSEE COUNTY ===== | | | | | | | |
| ASHBURN FIELD ----- | | | | | | | |
| MACK OIL 29-14S10E | C-13504 | ASHBURN DROLL UNIT | D | VIOLA | 3250 | 15 | 20.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|-------------|-------------|-------|-----|------|---------|------|----|-------|-----------------|------|----------|------|----|-----------------------|------------|---------|
| FIRST YR | TYPE WTR | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC MB OR(MMCF) | PROD NOTES | NO |
| | | | TOT | NEW | | TOT | NEW | | TOT | NEW | | TOT | NEW | | | | |
| | | | | | | 1982 | CUM | | 1982 | CUM | | 1982 | CUM | | | | |
| | | | | | | 1981 | | | 1981 | | | 1981 | | | | | |
| 1972 | M | PROD & CEDH | 4 | 0 | 382 | 3815 | 4 | 0 | 9.7 | 162 | 9.7 | 111 | | | | C-16356 | |
| 1974 | M | PROD & DAK | 1 | 0 | 46.5 | 554 | 2 | 0 | 2.0 | 177 | 2.0 | 20.3 | | | | C-17636 | |
| 1969 | U | PROD & ARB | 1 | 0 | 361 | 1329 | 3 | 0 | 3.4 | 459 | NR | NR | 95 | | | C-14633 | |
| NR | | NR | | 0 | 0 | 0 | 0 | 35 | 0 | 72.8 | 3219 | 0 | 0 | | | CR-6779 | |
| | | | | | | | | | | | | | | | C-14548 | C-14667 | C-14666 |
| 1974 | U | PROD | | 1 | 0 | 300 | 1511 | 5 | 0 | 16.9 | 74.3 | 0 | 0 | | | C-17401 | |
| 1979 | U | PROD | | 1 | 0 | 13.5 | 247 | 7 | 0 | 10.0 | 246 | 10.0 | 25.0 | | | CR 97916 | |
| 1977 | U | PROD | | 1 | 0 | 271 | 550 | 5 | 2 | 18.8 | 75.6 | 1.5 | 6.9 | | | CR 10771 | |
| 1974 | U | PROD | | 1 | 0 | 152 | 799 | 3 | 0 | 9.0 | 631 | 9.0 | 101 | | | C-17094 | |
| 1981 | U | PROD | | 1 | 0 | 0.5 | 0.5 | 1 | 1 | 0.5 | 0.5 | 0.5 | 0.5 | | | CR-7813 | |
| 1970 | U | PROD | | 3 | 0 | 0 | 234 | 3 | 0 | 0.5 | 456 | 0.8 | 25.4 | 96 | | C-15938 | |
| NR | U | PROD | | 1 | 0 | 129 | 2295 | 2 | 0 | 6.1 | 85.8 | 2.4 | 82.9 | | | C-14181 | |
| 1958 | U | PROD | | 1 | 0 | 76.7 | NR | 3 | 1 | 5.1 | 633 | 1.2 | NR | | | C-6045 | |
| 1969 | U | PROD | | 2 | 0 | 362 | 4352 | 5 | 0 | 12.4 | 204 | 11.4 | 111 | | | C-14887 | |
| 1967 | U | PROD | | 1 | 0 | 199 | 3034 | 2 | 0 | 2.9 | 254 | 2.9 | 254 | | | C-13504 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP PRJ ----- | OIL PRODUCING ZONE NAME DEPTH THK GRAV ----- | | | |
|--|------------------------|-------------------------|---------------------|--|--|--|--|
| WILSON COUNTY | | | | | | | |
| ALTOONA FIELD | | | | | | | |
| CACHE OIL 34-28S16E | C-5729 | POST-WATSON UNIT | | SQUIR 950 20 NR | | | |
| DAVIS & BELL CONST 25,36-28S16E | C-12954 | FOLGER | W | SQUIR 690 10 26.0 | | | |
| DAVIS OIL 36-28S16E | C-12711 | UMBARGER | N | SQUIR 660 12 29.0 | | | |
| DAVIS OIL 21-29S16E | C-7516 | MULLEN | W | BARTL 780 20 34.0 | | | |
| DAVIS OIL 20-29S17E | C-10968 | GOFF | W | BARTL 850 20 25 | | | |
| H.L. RICHEY 8,9,16,17,20-28S17E | C-11377 | WIGGANS | W | BARTL 1000 18 28.0 | | | |
| JCNES & CAMPBELL 31-28S17E 1-29S16E | C-8983 | SHORT | W | SQUIR 790 20 29.0 | | | |
| BENEDICT FIELD | | | | | | | |
| BENEDICT OIL 01-28S15E | C-11983 | GALLON | | BARTL NR NR NR | | | |
| BILL MACLASKEY 13,18-28S15E | C-7257 | MORSE | W | BARTL NR NR NR | | | |
| L & L OIL 11-28S15E | C-10348 | ROBERTS | P | BARTL 950 10 30.0 | | | |
| L & L OIL 24-28S15E | C-7467 | MORTON | D | BARTL 950 16 NR | | | |
| LAYTON OIL 4,9-28S15E | C-11290 | MANDRSCHEID & FIERPOINT | | BARTL NR NR NR | | | |
| TECH AM RESOURCES 14-28S15E | CR-6773 | KEITH | D | BARTL 1020 20 36.0 | | | |
| BUFFALO-VILAS FIELD | | | | | | | |
| DIAMOND B INDUSTRIES 6-27S17E | CR-7784 | RUBOW | W | CATTLE 930 20 24.0 | | | |
| ESTORIL PRODUCING 13,24-27S16E | C-9507 | FISHER UNIT | W | BARTL 1068 10 31.0 | | | |
| K. C. ENERGY 14-27S15E | C-12901 | MILLIGAN-PAYNE | D | BARTL 925 20 35.0 | | | |
| TECH AM RESOURCES 12-28S15E | C-12177 | MILLER | D | BARTL 1020 10 36.0 | | | |
| FREDONIA FIELD | | | | | | | |
| KATANA RESOURCES 1-29S14E | CR11815 | FREDONIA CITY | D | BARTL 994 72 31.0 | | | |
| R.R. ABDERLAHDEN 27,28,34,35-29S15E | C-8283 | VAN CAMP | W | BARTL 1160 40 25.0 | | | |
| WYCKOFF & E. RUNYON 2-30S15E | C-18342 | BAKER | D | BARTL 1000 12 33.0 | | | |
| NEODESHA FIELD | | | | | | | |
| ALBIAN W. BAILEY 21-30S16E | C-10231 | BARNES | W | NEOD 750 12 38.0 | | | |
| ALBIAN W. BAILEY 13,24-30S15E 18,19-30S16E | C-10232 | NEODESHA | NEOD | NR NR NR | | | |

| INJECTION DATA | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|-----|-------------|-------|-----|--------------|-----------------|------|--------------|--------------|--------------|-------|---------|---------|---------|
| FIRST | TYP | SOURCE | WELLS | VOL | INJ | WELLS | PROD | VOL | ENHANC | PROD | NOTES | NO | | |
| YR | WTR | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR (MMCF) | MB OR (MMCF) | MB OR (MMCF) | | | | |
| | | | | | 1982 CUM | | | 1982 CUM | 1982 | 1982 CUM | | | | |
| | | | | | 1981 | | | 1981 | | 1981 | | | | |
| 1960 | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | C-5729 | | |
| 1966 | T | PRCC & BAR | 2 | 0 | 7.0 | 143 | 4 | 0 | 0.8 | 21.8 | 0.8 | 7.4 | C-12954 | |
| 1972 | T | BARTL | 11 | 0 | 120 | 550 | 17 | 0 | 5.2 | 31.9 | 5.1 | 23.2 | C-12711 | |
| 1964 | T | WARNER | 1 | 0 | 7.0 | 278 | 2 | 0 | 0.4 | 25.8 | 0.4 | 25.8 | C-7516 | |
| 1964 | T | PROD | 1 | 0 | 3.5 | 8780 | 1 | 0 | 0.2 | 396 | 0.2 | 396 | 97 | C-10968 |
| NR | U | PRCC | 20 | 1 | 42.8 | NR | 38 | 4 | 19.3 | NR | 9.0 | NR | C-11377 | |
| NR | U | PRCD & OSWE | 7 | 0 | 3.0 | NR | 12 | 0 | 1.0 | NR | 1.0 | NR | C-5749 | |
| | | | | | | | | | | | | | C-8983 | |
| NR | | NR | 1 | 0 | 2.0 | 10.0 | 5 | 0 | 0.2 | 2.5 | 0 | 0 | C-11983 | |
| NR | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | C-7257 | |
| NR | T | PROC | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 2 | C-10348 |
| NR | T | PRCD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | C-7467 | |
| NR | | NR | 4 | 1 | 0 | 0 | 7 | 0 | 1.7 | 1.7 | 0 | 0 | 2 | C-11290 |
| NR | U | PROD | 1 | 0 | 1.8 | NR | 15 | 4 | 6.5 | NR | 0 | 0 | CR-6773 | |
| 1979 | U | PRCD | 1 | 0 | 0.2 | NR | 4 | 0 | 0.2 | NR | 0.1 | NR | CR-7784 | |
| 1976 | F | PRCD | | | | | | | | | | | C-9507 | |
| 1966 | U | PRCD | 1 | 0 | 4.4 | 65.7 | 6 | 0 | 1.9 | 38.3 | 0.2 | 3.8 | 98 | C-12901 |
| NR | U | PRCD | 1 | 0 | 1.5 | NR | 9 | 0 | 0.6 | NR | 0 | 0 | C-12177 | |
| 1981 | U | PRCD | 2 | 1 | 5.1 | 5.1 | 10 | 10 | 2.7 | 2.7 | 0 | 0 | CR11815 | |
| 1961 | T | PROD&KC | 6 | 0 | 430 | 11095 | 31 | 3 | 15.2 | 331 | 15.2 | NR | C-8283 | |
| 1976 | U | PRCD | 1 | 0 | 3.5 | 16.0 | 6 | 1 | 1.7 | 10.0 | 0 | NR | C-18342 | |
| 1964 | F | SH GRAV | 0 | 0 | 0 | 240 | 6 | 0 | 1.9 | 8.2 | NR | 4.6 | 2 | C-10231 |
| 19N | U | PRCD | 0 | 0 | 0 | 564 | 3 | 0 | 0.4 | 33.9 | NR | NR | 2 | C-10232 |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP ----- | OIL PRODUCING ZONE ----- | | | |
|--|------------------------|-----------------------|--------------|-----------------------------|-------|-----|------|
| | | | PRJ | NAME | DEPTH | THK | GRAV |
| | | | --- | ----- | ----- | --- | --- |
| WILSON COUNTY ===== | | | | | | | |
| NEODESHA FIELD ----- | | | | | | | |
| ALBIAN L. BAILEY 12-30S15E 07-30S16E | C-9559 | CRAWFORD UNIT II | | BARNEOD | NR | NR | NR |
| ALBIAN L. BAILEY 20,21,28,29,32-30S16E 33-30S16E | C-9937 | UNIT 1 | W | NEOD | 800 | 15 | 38.0 |
| DAVIS CIL 20-30S16E | CR10777 | HOLMBERG | P | BARTL | NR | NR | 38.0 |
| TRIO DEVELOPMENT 26-30S16E | C-7521 | PHILLIPS | W | BARTL | 780 | 20 | 38.0 |
| TRIO DEVELOPMENT 16-30S16E | C-18060 | CRAM | W | BARTL | 780 | 20 | 36.0 |
| TRIO DEVELOPMENT 26-30S16E | C-18097 | DICKENS | W | BARTL | 800 | 15 | 35.0 |
| WOODSON COUNTY ===== | | | | | | | |
| BATESVILLE FIELD ----- | | | | | | | |
| MARION MYERS 29-25S14E | C-10770 | CORKERY | W | BARTL | 1400 | 20 | 40.0 |
| VICTOR LIES DRILLING 9,10,15,16-25S14E | C-18388 | BERRY-STEBEY | P | SQUIR | NR | NR | NR |
| BIG SANDY FIELD ----- | | | | | | | |
| MACK C. COLT 14,22,23-26S14E | C-6103 | BIG SANDY | W | BARTL | 1300 | 35 | 21.0 |
| MARK HAAS 13-26S14E | C-5587 | STEINFORTH | P | BARTL | 1250 | 6 | 28.0 |
| DURAND FIELD ----- | | | | | | | |
| DLNIGAN OPERATING 6-25S16E | C-14889 | EARL DAVIDSON | W | SQUIR | 965 | 10 | 21.0 |
| N & B ENTERPRISES 7-25S16E | C-15067 | DURAND FLOOD | W | SQUIR | 990 | 9 | 24.0 |
| STUBBS & FLEMING 8-25S16E | CR-3781 | FULHAGE | D | SQUIR | 950 | 10 | 23.0 |
| HUMBOLDT-CHANUTE FIELD ----- | | | | | | | |
| DCN L. THOMPSON 20,21,27,28-25S17E | C-9075 | MOON-PRIBBERNOW | W | SQUIR | 800 | 10 | 27.0 |
| VICTOR LIES DRILLING 17,19,30-26S17E 29,30,31-26S17E | C-8990 | ROSE UNIT | | SQUIR | NR | NR | NR |
| NEOSHO FALLS-LEROY FIELD ----- | | | | | | | |
| ALCO 8-24S17E | CR98110 | TIDD | D | MISS | 1219 | 176 | 32.0 |
| CHRIESTENSON OIL 34-23S17E | CR-5771 | MENTZER | P | MISS | 1190 | 10 | 35.4 |
| LANCE E. BALLARD 3-24S17E | CR-5782 | NELSON | | MISS | 1200 | 6 | 34.0 |
| LANCE E. BALLARD 33-23S17W | CD11815 | CHRIESTENSON | | MISS | 1200 | 6 | 34.0 |

| INJECTION DATA | | | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | |
|----------------|------|-----------|-------|-----|--------------|---------|------|-------------|-------|------|-------------|-----------------|------|---------|-------------|-----|---------|----------|--|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC PROD | | NOTES | NO | |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB CR(MMCF) | TOT | NEW | MB OR(MMCF) | CUM | CUM | CUM | CUM | CUM | | | |
| | | | | | 1982 | | | | | | | 1982 | | | | | | | |
| | | | | | | --- | | | | | | 1981 | | | | | | | |
| | | | | | | | 1981 | | | | | | 1981 | | | | | | |
| NR | NR | | 0 | 0 | NR | 1339 | 5 | 0 | 2.7 | NR | NR | 35.1 | 2 | C-9559 | | | | | |
| | | | | | | | | | | | | | | | | | C-12549 | | |
| 1961 | M | PROD & FR | 69 | 0 | 407 | 13370 | 77 | 7 | 14.9 | 531 | 14.9 | 531 | | | | | | C-9937 | |
| 1965 | T | PROD | 2 | 0 | 7.0 | 70.0 | 2 | 0 | 0.4 | 26.4 | 0.4 | 26.4 | | | | | | CR10777 | |
| 1962 | U | SW S | 3 | 0 | 1.0 | 856 | 8 | 0 | 0.1 | 94.3 | 0.1 | 94.1 | 99 | C-7521 | | | | | |
| 1976 | U | PROD | 1 | 0 | 0.2 | 29.2 | 7 | 0 | 0.2 | 17.2 | 0.1 | 3.0 | 100 | C-18060 | | | | | |
| 1976 | U | PROD | 2 | 0 | 1.0 | 33.1 | 8 | 0 | 0.3 | 13.1 | 0.1 | 12.7 | 101 | C-18097 | | | | | |
| 1973 | U | PROD | 2 | 2 | 0.4 | NR | 9 | 1 | 12.0 | NR | 6.0 | NR | | | | | | C-10770 | |
| NR | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 4 | C-18388 | | | | | |
| 1957 | T | PROD & CH | 8 | 0 | 159 | 2518 | 47 | 0 | 32.8 | 682 | 32.8 | 682 | | | | | | C-6103 | |
| 1959 | L | PRCD | 1 | 0 | 0.1 | NR | 3 | 3 | 0.8 | NR | 0.8 | NR | | | | | | C-5587 | |
| 1969 | T | PROD & KC | 1 | 0 | 8.6 | 252 | 3 | 0 | 2.0 | 43.3 | 2.0 | 43.3 | | | | | | C-14889 | |
| 1970 | U | PROD | 2 | 0 | 10.9 | NR | 5 | 0 | 2.2 | NR | NR | NR | | | | | | C-15067 | |
| 1977 | L | PROD | 1 | 0 | 9.0 | 37.0 | 25 | 2 | 9.0 | 172 | 0 | 0 | | | | | | CR-3781 | |
| NR | L | PRCD & KC | 34 | 0 | 40.2 | NR | 48 | 6 | 11.9 | 113 | 11.9 | 113 | 102 | C-9075 | | | | | |
| NR | NR | | 0 | 44 | 0 | 0 | 58 | 40 | 20.0 | 400 | 0 | 0 | 103 | C-8990 | | | | | |
| | | | | | | | | | | | | | | | | | C-3345 | | |
| 1919 | U | PROD | 3 | 0 | 79.6 | | 19 | | 8.8 | 12.3 | 0.4 | 0.4 | | | | | | CR98110 | |
| 1977 | U | PRCD | 1 | | 7.3 | 29.2 | NR | NR | 1.8 | 7.5 | 1.8 | 7.5 | | | | | | CR-5771 | |
| 1978 | T | PROD | 2 | 0 | 18.2 | NR | 17 | 7 | 8.5 | NR | 0 | NR | | | | | | CR-5782 | |
| 1981 | U | PROD | 1 | 1 | 6.9 | NR | 4 | 4 | 3.6 | NR | 0 | NR | | | | | | CD111815 | |

| OPERATOR | PROJECT | PROJECT NAME | TYP | OIL PRODUCING ZONE | | | |
|--------------------------------------|---------|--------------------|-----|--------------------|-------|-----|------|
| LOCATION | NO | | PRJ | NAME | DEPTH | THK | GRAV |
| WOODSON COUNTY | | | | | | | |
| NEOSHO FALLS-LEROY FIELD | | | | | | | |
| LEEDY-BEAMAN OIL 25-23S16E | C-13220 | LEEDY-ENTZ | P | SQUIR | 925 | 12 | 26.0 |
| RAYMOND BELL OIL 5-24S17E | C-14914 | MCADAMS | D | SQUIR | 860 | 10 | 26.0 |
| RAYMOND BELL OIL 30-23S17E | C-12579 | RUSSELL GEORGE | P | SQUIR | 890 | 12 | 26.0 |
| OWL CREEK FIELD | | | | | | | |
| GERALD KEYS 21-25S17E | CR12791 | PRIBBERNOW | | SQUIR | 825 | 5 | 26.0 |
| LANCE E. BALLARD 15-25S16E | CR-5785 | CROUCH | | SQUIR | 900 | 6 | 22.0 |
| N & B ENTERPRISES 8-25S1EE | C-15500 | TOEDMAN | W | SQUIR | 965 | 10 | 23.0 |
| TEC DRILLING 16,17,20,21-25S16E | C-15417 | OWL CREEK | W | SQUIR | 911 | 12 | 24.0 |
| WILSON PULLING & PRO 28-25S17E | CR97911 | BENNETT | W | SQUIR | 744 | 9 | 26.0 |
| PIQUA FIELD | | | | | | | |
| ALCO DRILLING 15,22-24S17E | CR-2784 | SPECHT | D | MISS | 1200 | 10 | 31.0 |
| GLINCY FIELD | | | | | | | |
| BIRD & HANLEY 19,20,28,29-25S14E | C-10634 | BATESVILLE | W | BARTL | 1425 | 40 | 40.0 |
| G & W OIL PROD 34-25S14E | CR-4786 | HASSENFFLUG | D | BARTL | 1486 | 7 | 33.0 |
| ROSE EAST FIELD | | | | | | | |
| BARNEY KLIPPEL 12,13-26S14E | C-8779 | EAST ROSE UNIT | P | SQUIR | 1075 | 15 | 27.5 |
| SILVER CITY FIELD | | | | | | | |
| STEINFORTH & SAUBERS 15-26S15E | C-12198 | SILVER CITY UNIT A | W | BARTL | 1400 | 20 | 28.0 |
| STEINFORTH & SAUBERS 20,25-26S15E | C-11604 | SILVER CITY UNIT B | W | BARTL | 1400 | 20 | 28.0 |
| TICHENOR FIELD | | | | | | | |
| CANNAN-SIEGFRIED 19-23S16E | CR-9812 | CANNAN B | D | SQUIR | 1037 | 3 | 24.8 |
| MCK DRILLING 19-23S1EE | C-13137 | DEARINGER B | W | SQUIR | 1050 | 9 | 25.0 |
| VERNON FIELD | | | | | | | |
| BILL MACLASKEY 22,27-23S16E | C-8951 | ROSS | P | SQUIR | NR | NR | NR |
| B. D. VAN STAVERN 4-24S1EE | CR10773 | R. C. ROBERTS | D | SQUIR | 1000 | 8 | 24.0 |
| JAMES E. RUSSELL 1,11,12-24S16E | C-12706 | SOUTH VERNON | W | SQUIR | 1000 | 20 | 26.0 |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|------|-----------|-------|-----|------|--------------|-----|----|-------|-----------------|-------------|----------|-------------|-------------|---------|---------|---------|---------|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | ENHANC PROD | NOTES | NO | | |
| | | | TOT | NEW | | MB OR (MMCF) | | | TOT | NEW | MB CR(MMCF) | | MB OR(MMCF) | | | | | |
| | | | | | | 1982 | CUM | | | | 1982 | CUM | | 1982 | CUM | | | |
| | | | | | | --- | --- | | | | --- | --- | | --- | --- | | | |
| | | | | | | 1981 | | | | | 1981 | | | 1981 | | | | |
| 1967 | U | PROD & KC | 2 | 0 | 4.0 | NR | 21 | 0 | 3.3 | NR | NR | NR | NR | NR | NR | NR | C-13220 | |
| 1969 | U | PROD | 1 | 0 | 2.0 | NR | 12 | 3 | 4.1 | NR | 0 | 0 | 0 | 0 | 0 | 0 | C-14914 | |
| 1966 | U | PROD | 1 | 0 | 1.0 | NR | 14 | 2 | 2.7 | NR | 0 | 0 | NR | 0 | NR | 0 | C-12579 | |
| | | | | | | | | | | | | | | | | | | |
| 1980 | U | PRCD&KC | 1 | 1 | 4.3 | NR | 12 | 1 | 3.0 | NR | NR | NR | NR | NR | NR | NR | CR12791 | |
| 1979 | L | PRCD | 1 | 0 | 2.0 | 4.5 | 5 | 0 | 0.2 | 0.9 | 0 | 0 | 0 | 0 | 0 | 0 | CR-5785 | |
| 1976 | U | PRCD | 3 | 0 | 7.3 | NR | 6 | 0 | 2.3 | NR | NR | NR | NR | NR | NR | NR | C-15500 | |
| 1975 | T | PROD&LKC | 10 | 0 | 100 | 484 | 28 | 2 | 22.2 | 285 | 15.4 | 95.7 | NR | NR | NR | NR | C-15417 | |
| 1981 | U | PRCD | 2 | 0 | 14.6 | 20.0 | 12 | 0 | 2.6 | 10.0 | 1.4 | NR | 104 | CR97911 | CR97911 | CR97911 | | |
| | | | | | | | | | | | | | | | | | | |
| 1978 | U | PRCD | 2 | 0 | 19.0 | 61.6 | 7 | 0 | 2.4 | 12.6 | 0 | 0 | 0 | 0 | 0 | 0 | CR-2784 | |
| | | | | | | | | | | | | | | | | | | |
| 1942 | T | PRCD | 18 | 4 | 425 | 33940 | 61 | 14 | 139 | 5482 | 139 | 5482 | C-10584 | C-10585 | C-10634 | C-10634 | | |
| 1978 | U | PROD | 1 | 0 | 0.8 | 2.4 | 1 | 0 | 0.3 | NR | 0 | NR | 0 | NR | 0 | NR | CR-4786 | |
| | | | | | | | | | | | | | | | | | | |
| 1967 | | NONE | | NR | NR | NR | | NR | NR | NR | NR | NR | NR | NR | NR | 2 | C-8779 | |
| | | | | | | | | | | | | | | | | | | |
| 1965 | U | PROD | 1 | 0 | 5.5 | 705 | 8 | 1 | 1.3 | 33.5 | 1.3 | 33.6 | NR | NR | NR | NR | NR | C-12198 |
| 1967 | U | PROD | 1 | 0 | 5.0 | 227 | 3 | 0 | 0.6 | 28.3 | 0.6 | 28.3 | NR | NR | NR | NR | NR | C-11604 |
| | | | | | | | | | | | | | | | | | | |
| 1981 | U | PROD | 1 | 0 | 18.8 | 18.8 | 4 | 0 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | CR-9812 | |
| 1974 | T | PRCD | | NR | NR | NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | C-13137 | |
| | | | | | | | | | | | | | | | | | | |
| NR | L | PROD | | NR | NR | NR | | NR | NR | NR | NR | NR | NR | NR | NR | NR | C-8951 | |
| 1977 | U | PROD | | 1 | 2 | 1.0 | 3.5 | 10 | 3 | 2.2 | 6.7 | 2.2 | 6.7 | 105 | CR10773 | CR10773 | | |
| 1966 | T | KC | | 4 | 0 | 24.4 | 437 | 22 | 0 | 6.6 | 131 | 5.8 | 66.6 | NR | NR | NR | NR | C-12706 |

| OPERATOR ----- LOCATION | PROJECT NO ----- | PROJECT NAME | TYP --- | OIL PRODUCING ZONE | | | |
|---|------------------------|-----------------------|------------|--------------------|-------|-----|------|
| | | | PRJ | NAME | DEPTH | THK | GRAV |
| | | | --- | ---- | ----- | --- | ---- |
| WOODSON COUNTY ===== | | | | | | | |
| VERNON FIELD ===== | | | | | | | |
| JAMES E. RUSSELL 35-23S16E 2-24S1EE | C-6887 | ALJO FLOOD | W | SQUIR | 1000 | 22 | 26.0 |
| K & L OIL 34-23S16E 3-24S16E | C-13074 | ROBERTS-KESKE | D | SQUIR | 1080 | 20 | 25.0 |
| KANALTA RESOURCES 34-23S16E | C-10670 | STURLONG | W | SQUIR | 1100 | 14 | 23.0 |
| KANALTA RESOURCES 13-24S15E | C-18572 | WESTON ET AL | W | SQUIR | 1090 | 14 | 23.0 |
| L.C. BODEMANN JR 18-24S16E | CR97710 | VIRGINIA ALEXANDER | W | SQUIR | 1110 | 20 | 21.6 |
| L.C. BODEMANN JR 16,17-24S17E | C-17126 | WINGRAVE | W | SQUIR | 1015 | 20 | 25.0 |
| LCNG TIE OIL 29,33-23S16E | C-12385 | GLADES-FULLER ROBISON | W | SQUIR | 1035 | 15 | 24.0 |
| RAY LUEKING-KERE CALL 15-24S16E | CR-3773 | LUEKING | P | SQUIR | 1000 | 10 | 25.0 |
| ROBISON BROTHERS 29-23S16E | CR27810 | ROBISON | D | SQUIR | NR | NR | NR |
| TAP OIL 9,16-24S16E | CR-3787 | GLADES | W | SQUIR | 1015 | 12 | 25.0 |
| TAP OIL 5-24S16E | C-14285 | VERNON PROJECT | W | SQUIR | 1180 | 35 | 22.0 |
| VIRGIL FIELD ===== | | | | | | | |
| FRENCH OIL 21-23S14E | C-6222 | QUARTET | P | MISS | 1700 | 6 | 36.0 |
| FRENCH OIL 24-24S13E | C-12149 | RHEA | P | MISS | 1650 | 6 | 33.0 |
| FRENCH OIL 29,32-23S14E | C-3902 | W. P. HEADLEY | P | MISS | 1700 | 6 | 37.0 |
| FRENCH OIL 29-23S14E | C-5662 | HEADLEY | P | MISS | 1700 | 6 | 37.0 |
| FRENCH OIL 24-23S13E | C-8459 | FLOYD JONES | P | MISS | 1700 | 3 | 36.0 |
| FRENCH OIL 32-23S14E | C-416 | DEWEY | P | MISS | 1600 | 6 | 37.0 |
| FRENCH OIL 35-23S14E | C-7898 | ARNOLD | P | MISS | 1700 | 5 | 36.0 |
| FRENCH OIL 20-23S14E | C-5646 | SOUTH PEEK | P | MISS | 1700 | 6 | 37.0 |
| FRENCH OIL | C-1056 | MACLASKEY | P | MISS | 1700 | 4 | 36.0 |
| 31-23S14E | | | | | | | |
| FRENCH OIL 24-24S13E | C-12189 | KNOX | P | MISS | 1600 | 4 | 33.0 |
| FRENCH-WINTERSCHIED 6-24S14E | C-3892 | WINTERSCHIED | | MISS | 1700 | 5 | 36.0 |
| FRENCH-WINTERSCHIED 7-24S14E | C-1055 | ESTES | P | MISS | 1700 | 6 | 36.0 |
| FRENCH-WINTERSCHIED 21-23S14E | C-5645 | EMMA OTTO | P | MISS | 1700 | 4 | 36.0 |
| FRENCH-WINTERSCHIED 18-24S14E | C-6021 | KIMBELL | P | DOUG | 1700 | 6 | 35.0 |
| FRENCH-WINTERSCHIED 7-24S14E | C-3893 | SMITH-JOBÉ | P | MISS | 1700 | 6 | 36.0 |
| FRENCH-WINTERSCHIED 30-23S14E | C-6088 | W. JONES | P | MISS | 1700 | 6 | 37.0 |
| SUNSHINE ENERGY 14-23S13E | C-8745 | BAHR | W | MISS | 1700 | NR | 30.8 |
| 23 | | | | | | | |

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|------|-----------|-------|-----|------|--------------|-----|-----|-------|-----------------|------|----------|------|-------------|--------|---------|--------------------|------------|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD | NOTES | PROJECT NO |
| | | | TOT | NEW | | MB OR (MMCF) | TOT | NEW | | MB OR(MMCF) | TOT | NEW | | MB OR(MMCF) | CUM | CUM | | |
| | | | | | | 1982 | | | | 1982 | | | | 1982 | | | | |
| | | | | | | 1981 | | | | 1981 | | | | 1981 | | | | |
| 1963 | T | KC | 52 | 3 | 271 | 5301 | 61 | 1 | 13.5 | 653 | 13.5 | 653 | | | | | C-6887 | |
| 1968 | U | PROD & KC | 1 | 0 | 11.0 | 142 | 8 | 3 | 3.9 | 50.3 | 0 | NR | | | | | C-13074 | |
| 1965 | T | PROD & KC | 4 | 0 | 48.0 | | NR | 20 | 0 | 3.2 | | NR | NR | NR | | | C-10670 C-10663 | |
| 1976 | L | PROD & KC | 10 | 0 | 56.4 | | NR | 45 | 25 | 27.6 | | NR | NR | NR | | | C-18572 | |
| 1977 | U | PROD & KC | 1 | 0 | 1.7 | 10.8 | 8 | 2 | 1.3 | 83.5 | 0 | 0 | | | | | CR97710 | |
| 1973 | U | PROD&KC | 1 | 0 | 9.2 | 125 | 10 | 1 | 1.9 | 77.9 | 1.9 | 77.9 | | | | | C-17126 | |
| 1966 | U | PROD & KC | 8 | 0 | 189 | | NR | 40 | 3 | 23.4 | | NR | 5.8 | NR | | | C-12385 | |
| 1976 | L | PRCD | 1 | 0 | 3.7 | | NR | 28 | 0 | 5.1 | | NR | 0 | NR | | | CR-3773 | |
| 1978 | U | PROD | 1 | 0 | 1.0 | 4.0 | 6 | 1 | 1.2 | | NR | 0 | 0 | | | | CR27810 | |
| 1978 | T | PRCD | 2 | 1 | 0.4 | 16.2 | 25 | 8 | 8.8 | 57.4 | | NR | NR | NR | | | CR-3787 | |
| 1969 | T | PROD & KC | 4 | 0 | 10.9 | 935 | 19 | 0 | 3.3 | | NR | NR | NR | | | | C-14285 | |
| 1955 | T | PROD | 1 | 0 | 4.0 | 56.0 | 2 | 0 | 3.1 | | NR | 1.2 | 35.3 | | | | C-6222 | |
| 1963 | T | PRCD | 1 | 0 | 18.0 | 332 | 6 | 0 | 2.1 | | NR | 0.3 | 26.9 | | | | C-12149 | |
| 1965 | T | PROD | 1 | 0 | 35.0 | 1290 | 11 | 0 | 9.1 | | NR | 3.2 | 88.6 | | | | C-3902 | |
| 1955 | T | PRCD | 1 | 0 | 12.0 | 428 | 6 | 0 | 4.4 | | NR | 1.8 | 56.4 | | | | C-5662 | |
| NR | T | PROD | 1 | 0 | 38.0 | 1332 | 5 | 0 | 2.2 | | NR | 0.4 | 25.4 | | | | C-8459 | |
| 1956 | T | PROD | 1 | 0 | 24.0 | 436 | 7 | 0 | 8.8 | | NR | 2.2 | 50.3 | | | | C-416 | |
| 1960 | T | PROD | 1 | 0 | 15.0 | 460 | 4 | 0 | 1.0 | | NR | 0.3 | 21.9 | | | | C-7898 | |
| 1956 | T | PRCD | 1 | 0 | 30.0 | 1150 | 8 | 0 | 6.4 | | NR | 1.9 | 113 | | | | C-5646 | |
| 1960 | T | | 1 | 0 | 10.0 | 200 | 4 | 0 | 1.9 | | NR | 0.5 | 20.5 | | | | C-1056 | |
| 1965 | T | PROD | 1 | 0 | 8.0 | 122 | 4 | 0 | 2.7 | | NR | 0.7 | 25.8 | | | | C-12189 | |
| 1950 | T | PROD | 1 | 0 | 25.0 | 950 | 6 | 0 | 2.2 | | NR | 1.1 | 65.6 | | | | C-3892 | |
| 1950 | T | PROD | 1 | 0 | 58.0 | 914 | 5 | 0 | 1.4 | | NR | 0.7 | 76.0 | | | | C-1055 | |
| NR | T | PROD | 1 | 0 | 14.0 | 431 | 2 | 0 | 0.3 | | NR | 0.3 | 21.3 | | | | C-5645 | |
| NR | T | PROD | 1 | 0 | 20.0 | 240 | 3 | 0 | 1.7 | | NR | 0.8 | 11.3 | | | | C-6021 | |
| NR | T | PROD | 1 | 0 | 28.5 | 1049 | 5 | 0 | 1.1 | | NR | 0.8 | 72.8 | | | | C-3893 | |
| NR | T | PRCD | 1 | 0 | 32.5 | 1185 | 4 | 0 | 1.3 | | NR | 0.7 | 52.7 | | | | C-6088 | |
| 1961 | U | PROD | 2 | 1 | 951 | NR | 23 | 3 | 25.8 | | NR | 10.5 | NR | | | | C-8745 | |

| OPERATOR ----- LOCATION ----- | PROJECT NO ----- | PROJECT NAME ----- | TYP ----- | OIL PRODUCING ZONE | | | |
|---|------------------------|-----------------------|--------------|--------------------|-------|-----|------|
| | | | PRJ | NAME | DEPTH | THK | GRAV |
| WOODSON COUNTY ===== | | | | | | | |
| WINTERSCHIED FIELD ----- | | | | | | | |
| ARCO 29,30-23S14E | C-7103 | WINTERSCHIED WFP | W | MISS | 1700 | 20 | 39.0 |
| BERTHA MACLASKEY 34-23S14E | CR-4788 | SCOTT | D | MISS | 1722 | NR | 36.0 |
| DAMSON OIL 33,34-23S14E | C-6143 | EMERY PROJECT | W | MISS | 1680 | 20 | 35.0 |
| FRENCH-WINTERSCHIED 28-23S14E | C-16396 | EBY(FIGGE) | P | MISS | 1685 | 7 | 36.0 |
| FRENCH-WINTERSCHIED 21-23S14E | C-16395 | E. OTTO B | P | MISS | 1685 | 5 | 36.0 |
| FRENCH-WINTERSCHIED 7,21-24S13E | C-6001 | DYE, JAMES | P | MISS | NR | NR | NR |
| GRIGGS OIL 23-23S13E | C-17607 | BAHR | D | VIOLA | 2200 | 10 | 34.0 |
| GULF 29-23S14E | C-12212 | MACLASKEY | W | MISS | 1670 | 20 | 39.0 |
| HAAS DRILLING 27-23S14E | C-18582 | FIGGE | P | MISS | 1600 | 5 | 36.0 |
| HAAS DRILLING 35,36-23S14E 2-24S14E | C-6177 | COLT UNIT | P | MISS | 1600 | 5 | 35.0 |
| HAAS DRILLING 22-23S13E | C-6251 | FUNK UNIT | P | MISS | 1650 | 5 | 38.0 |
| HOUSTON OKLAHOMA OIL 18-24S14E | C-13109 | KIMBELL | | MISS | 1684 | 10 | 33.5 |
| HOUSTON OKLAHOMA OIL 13-24S13E | C-13162 | RHEA A | W | MISS | 1649 | 10 | 36.0 |
| KRAFT OIL 31-23S15E | C-13047 | WEIDE | W | MISS | 1550 | 14 | 39.0 |
| KRAFT OIL 24-23S14E | C-11700 | RICH A & OWENS | W | MISS | 1600 | 20 | 39.0 |
| KRAFT OIL 6-24S15E | C-13070 | WEIDE | W | MISS | 1550 | 20 | 36.0 |
| KRAFT OIL 34-23S14E | C-14365 | FIGGE | | MISS | 1650 | 20 | 38.0 |
| UNION OF CAL 32,33-23S14E | C-10251 | W.P. HEADLEY | W | MISS | 1700 | 20 | 38.5 |
| WELLS OIL 5-24S14E | C-4218 | STEVENSON | D | MISS | 1695 | 6 | 35.0 |
| WISSMAN FIELD ----- | | | | | | | |
| HAAS DRILLING 2,3-24S15E | C-8422 | SWITZER UNIT | P | MISS | 1500 | 4 | 29.0 |
| YATES CENTER FIELD ----- | | | | | | | |
| DAMSON OIL 21,22-25S15E | C-11592 | LAUBER UNIT | W | MISS | 1480 | 15 | 38.0 |
| GEORGE SAGE 27-25S15E | C-1474 | YATES CENTER | W | MISS | 1500 | 5 | 32.0 |
| LAIDLAW & GALEMORE 34,35-25S15E | CR-2803 | LAIDLAW | W | MISS | 1420 | 10 | 36.0 |
| MARK HAAS 21-25S16E | C-729 | WALLACE LANDES | P | MISS | 1500 | 5 | 31.0 |

*SEE ALSO GREENWOOD-WOODSON
*SEE ALSO COFFEY-WOODSON

| INJECTION DATA | | | | | | | | | | PRODUCTION DATA | | | | | | PROJECT | | |
|----------------|------|-------------|-------|-----|--------------|---------|-----|-------------|-------|-----------------|-------------|----------|------|------|--------|---------|-------------------|----|
| FIRST YR | TYPE | SOURCE | WELLS | | | VOL INJ | | | WELLS | | | PROD VOL | | | ENHANC | PROD | NOTES | NO |
| | | | TOT | NEW | MB OR (MMCF) | TOT | NEW | MB OR(MMCF) | TOT | CUM | MB OR(MMCF) | CUM | 1980 | 1980 | | | | |
| | | | 1982 | --- | 1982 | 1982 | --- | 1982 | 1981 | --- | (98) | --- | 1980 | 1980 | | | | |
| 1981 | | | | | | | | | | | | | | | | | | |
| 1960 | U | PROD & DOUG | 14 | 0 | 1000 | 19839 | 27 | 0 | 18.4 | 1980 | 18.4 | 1980 | 0 | 0 | | | C-7103 | |
| 1969 | U | PROD | 1 | 0 | 2.2 | 36.0 | 2 | 0 | 0.6 | 9.0 | 0 | 0 | 0 | 0 | | | CR-4788 | |
| 1961 | U | PROC & ARB | 8 | 0 | 279 | 22518 | 22 | 0 | 5.0 | 816 | NR | NR | NR | NR | | | C-6143 | |
| NR | | PROD | 1 | 0 | 5.0 | 50.0 | 15 | 0 | 10.7 | NR | 4.7 | 49.4 | NR | NR | | | C-1E395 | |
| 1960 | T | PROC | 1 | 0 | 2.0 | 20.0 | 5 | 0 | 4.9 | NR | 2.0 | 14.2 | NR | NR | | | C-16395 | |
| NR | T | PROC | 1 | 0 | 15.0 | 750 | 7 | 0 | 3.4 | NR | 3.4 | 27.4 | NR | NR | | | C-6001 | |
| 1975 | U | PROC | 1 | 0 | 182 | NR | 11 | 0 | 8.9 | NR | NR | NR | NR | NR | | | C-17607 | |
| 1944 | U | PROC | 3 | 0 | 386 | 4793 | 12 | 0 | 8.0 | 977 | 8.0 | 977 | NR | NR | | | C-12212 C-1054 | |
| 1980 | L | PROC | 1 | 0 | 18.3 | NR | 1 | 0 | 0.4 | NR | 0 | NR | NR | NR | | | C-18582 | |
| 1970 | U | PROD | 1 | 0 | 32.5 | NR | 4 | 1 | 1.1 | NR | 0 | NR | NR | NR | | | C-6177 | |
| 1970 | L | PROC | 1 | 0 | 36.5 | NR | 5 | 1 | 1.8 | NR | 0 | NR | NR | NR | | | C-6251 | |
| NR | U | PROD | 0 | 0 | NR | NR | 5 | 1 | NR | NR | NR | NR | NR | NR | 5 | | C-13109 | |
| NR | L | PROC | 0 | 0 | NR | NR | 6 | 0 | NR | NR | NR | NR | NR | NR | 5 | | C-13162 | |
| 1965 | T | PROC | 1 | 0 | 110 | 875 | 4 | 0 | 1.8 | 15.2 | 0.8 | 5.9 | NR | NR | | | C-13047 | |
| 1965 | U | PROC | 1 | 0 | 29.2 | 186 | 4 | 0 | 0.9 | 6.9 | 0.4 | 2.5 | NR | NR | | | C-11700 | |
| 1967 | U | PROD | 1 | 0 | 80.3 | 420 | 5 | 1 | 2.2 | 12.0 | 0.7 | 4.0 | NR | NR | | | C-13070 | |
| 1968 | L | PROC | 1 | 0 | 0 | 1807 | 5 | 0 | 2.5 | 24.2 | 0 | 3.4 | 2 | | | | C-14365 | |
| 1963 | T | PROC & ARB | 1 | 0 | 62.4 | 10929 | 17 | 0 | 10.3 | 424 | 10.3 | 424 | NR | NR | | | C-10251 | |
| 1954 | U | PROC | 1 | 0 | 9.0 | NR | 5 | 0 | 1.8 | NR | NR | NR | NR | NR | | | C-4218 | |
| 1970 | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | C-8422 | |
| 1968 | T | PRCC & ARB | 3 | 0 | 137 | 1849 | 12 | 0 | 4.6 | 430 | NR | NR | NR | NR | | | C-11592 | |
| 1946 | T | PPOD | 4 | 1 | 288 | 3997 | 14 | 10 | 10.0 | 374 | 10.0 | 374 | 106 | 106 | | | C-1474 | |
| 1981 | U | PROD | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | | | CR-2803 | |
| 1950 | U | PROD | 1 | 0 | 0.1 | NR | 2 | 0 | 1.9 | NR | 1.9 | NR | NR | NR | | | C-729 | |

NOTES

- 1 TERTIARY RECOVERY PROJECT
- 2 PROJECT INACTIVE
- 3 PROJECT ABANDONED
- 4 PROJECT NOT INITIATED
- 5 PROJECT CANCELLED
- 6 PROJECT DATA NOT SUBMITTED
- 7 PROJECT CANCELLED

- 8 PREVIOUSLY OPERATED BY J-J OIL
- 9 PREVIOUSLY OPERATED BY TEXACO
- 10 PREVIOUSLY OPERATED BY LAYTON OIL
- 11 PREVIOUSLY OPERATED BY TEXACO
- 12 PREVIOUSLY OPERATED BY DISCOVERY OIL & GAS
PROJECT INACTIVE
- 13 PREVIOUSLY OPERATED BY DISCOVERY OIL & GAS
- 14 PREVIOUSLY OPERATED BY JAMES E. RUSSELL
PROJECT CANCELLED
- 15 PREVIOUSLY OPERATED BY GAS PRODUCING ENTR
- 16 PREVIOUSLY OPERATED BY GAS PRODUCING ENTR
PROJECT INACTIVE
- 17 PREVIOUSLY OPERATED BY GAS PRODUCING ENTR
- 18 PREVIOUSLY OPERATED BY LEONARD POPFOGEL
- 19 PREVIOUSLY OPERATED BY R. K. TEICHGRAEBER
- 20 PREVIOUSLY OPERATED BY CARRCL HUTTON
PROJECT CANCELLED
- 21 PREVIOUSLY OPERATED BY RFB EXPL
- 22 PREVIOUSLY OPERATED BY RALPH BYNUM
- 23 PREVIOUSLY OPERATED BY BILL D. FARRIS

- 24 PREVIOUSLY OPERATED BY L.L. BRUNDRED JR
- 25 PREVIOUSLY OPERATED BY BRUNSON-SPINES
- 26 PREVIOUSLY OPERATED BY BARTLETT HANNEN OIL
PROJECT INACTIVE
- 27 PREVIOUSLY OPERATED BY DUNN EQUITIES
- 28 PREVIOUSLY OPERATED BY M.M. MILLS
- 29 PREVIOUSLY OPERATED BY WALNUT VALLEY OIL
- 30 PREVIOUSLY OPERATED BY WALNUT VALLEY OIL
- 31 PREVIOUSLY OPERATED BY RANCE ARNOLD
- 32 PREVIOUSLY OPERATED BY BRUNSON-SPINES

NOTES

- 33 PREVIOUSLY OPERATED BY E.T. LINDSAY ESTATE
34 PREVIOUSLY OPERATED BY TRAVERSE
35 PREVIOUSLY OPERATED BY KEENY-LANDES
PROJECT INACTIVE
- 36 PREVIOUSLY OPERATED BY F.W. MALLONEE
37 PREVIOUSLY OPERATED BY FRONTIER OIL
38 PREVIOUSLY OPERATED BY RICHARD L. MAI
39 PREVIOUSLY OPERATED BY LYLE STRCUP
40 PREVIOUSLY OPERATED BY LYLE STROUP
41 PREVIOUSLY OPERATED BY RANTOUL ENERGY
PROJECT INACTIVE
- 42 PREVIOUSLY OPERATED BY ELTON R. GREER
43 PREVIOUSLY OPERATED BY SUNFLOWER OPERATING
44 PREVIOUSLY OPERATED BY B-J OIL
45 PREVIOUSLY OPERATED BY C-G DRILLING
46 PREVIOUSLY OPERATED BY C-G DRILLING
PROJECT CANCELLED
- 47 PREVIOUSLY OPERATED BY R. K. TEICHGRAEBER
48 PREVIOUSLY OPERATED BY WARREN G. GODFREY
49 PREVIOUSLY OPERATED BY CHEEVER WELL SERV
50 PREVIOUSLY OPERATED BY R. K. TEICHGRAEBER
51 PREVIOUSLY OPERATED BY LANCE SNYDER
52 PREVIOUSLY OPERATED BY DRESSOR & ASHLOCK
53 PREVIOUSLY OPERATED BY RAYMCND OIL CO
PROJECT CANCELLED
- 54 PREVIOUSLY OPERATED BY HANK MARTELL
55 PREVIOUSLY OPERATED BY RICHARD A. SOULE
56 PREVIOUSLY OPERATED BY BRUNSON-SPINES
- 57 PREVIOUSLY OPERATED BY BRUNSON SPINES
58 PREVIOUSLY OPERATED BY RADER EXPLORATION
59 PREVIOUSLY OPERATED BY RADER EXPLORATION
60 PREVIOUSLY OPERATED BY DODSON PRODUCTION
61 PREVIOUSLY OPERATED BY S & S OIL
- 62 PREVIOUSLY OPERATED BY GAS PRODUCING ENTR
PROJECT INACTIVE
- 63 PREVIOUSLY OPERATED BY GETTY OIL
64 PREVIOUSLY OPERATED BY MIDWEST OIL
65 PREVIOUSLY OPERATED BY EVANS & BLOOMER
66 PREVIOUSLY OPERATED BY HARDING OIL

NOTES

67 PREVIOUSLY OPERATED BY L & B LEASING
68 PREVIOUSLY OPERATED BY NICHOLAS SAGE
69 PREVIOUSLY OPERATED BY E & H FARMS
70 PREVIOUSLY OPERATED BY RODEO O & G
71 PREVIOUSLY OPERATED BY LARENCE ROBERTSON
72 PREVIOUSLY OPERATED BY JAMES R. LYON
73 PREVIOUSLY OPERATED BY MELVIN A. BETTS
74 PREVIOUSLY OPERATED BY TEMPLE & ROARK
75 PREVIOUSLY OPERATED BY TEMPLE & ROARK
76 PREVIOUSLY OPERATED BY TEMPLE & ROARK
77 PREVIOUSLY OPERATED BY TEMPLE & ROARK
78 PREVIOUSLY OPERATED BY TEXACC
79 PREVICUSLY OPERATED BY EDWIN L. DANIELS
80 PREVIOUSLY OPERATED BY COLORADO DRILLING
PROJECT INACTIVE
81 PREVIOUSLY OPERATED BY NATIONAL CRUDE
PROJECT CANCELLED
82 PREVIOUSLY OPERATED BY PIONEER OPERATIONS
83 PREVIOUSLY OPERATED BY BRADEN OIL
84 PREVIOUSLY OPERATED BY B-J OIL
85 PREVIOUSLY OPERATED BY FRONTIER OIL
86 PREVIOUSLY OPERATED BY FRONTIER OIL
87 PREVIOUSLY OPERATED BY LEBEN OIL
88 PREVIOUSLY OPERATED BY GAS PRODUCING ENTR
89 PREVIOUSLY OPERATED BY GAS PRODLING ENTR
90 PREVIOUSLY OPERATED BY A B OIL

91 PREVIOUSLY OPERATED BY PICNEER OPERATIONS
92 PREVIOUSLY OPERATED BY GAS PRODLING ENTR
93 PREVIOUSLY OPERATED BY STELBAR CIL
94 PREVIOUSLY OPERATED BY J & L OIL
PROJECT CANCELLED
95 PREVIOUSLY OPERATED BY GAS PRODUCING ENTR
96 PREVIOUSLY OPERATED BY JOHN O. FARMER
PROJECT INACTIVE
97 PREVIOUSLY OPERATED BY GRASSROOTS OIL
98 PREVIOUSLY OPERATED BY DOUBLE K OIL
99 PREVIOUSLY OPERATED BY NICHOLAS SAGE
100 PREVIOUSLY OPERATED BY NICHOLAS SAGE

NOTES

- 101 PREVIOUSLY OPERATED BY NICHOLAS SAGE
- 102 PREVIOUSLY OPERATED BY FLOYD DOTSON ESTATE
- 103 PREVIOUSLY OPERATED BY LAYTON OIL
PROJECT INACTIVE
- 104 PREVIOUSLY OPERATED BY C & W OIL
- 105 PREVIOUSLY OPERATED BY CRVILLE L. HESTING
- 106 PREVIOUSLY OPERATED BY BIRD & HANLEY

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TABLE 2 1982 COUNTY SUMMARY OF ENHANCED OIL RECOVERY PROJECTS IN KANSAS

| COUNTY | TOTAL OIL* PROD FROM PROJECT AREA MBBL | OIL RE-COVERED BY ENHANCED METHODS MBBL | FLUID INJECTED MBBL | ACTIVE PRODUCTION WELLS | NUMBER OF INJECTION PROJECTS |
|-------------------|---|---|------------------------|----------------------------|------------------------------------|
| ALLEN | 480.9 | 259.4 | 5588.8 | 1253 | 801 |
| ALLEN-ANDERSON | 7.1 | 0. | 0. | 58 | 0 |
| ALLEN-BOURBON | 2.1 | 0. | 0. | 23 | 0 |
| ALLEN-NEOSHO | 4.3 | 4.3 | 77.4 | 65 | 8 |
| ANDERSON | 909.7 | 217.5 | 2233.2 | 886 | 510 |
| BARBER | 196.4 | 141.1 | 4155.5 | 81 | 33 |
| BARTON | 499.9 | 340.2 | 8965.0 | 328 | 126 |
| BARTON-RICE | 17.7 | 17.7 | 508.0 | 8 | 8 |
| BARTON-STAFFORD | 12.0 | 6.5 | 117.9 | 10 | 3 |
| BCURBON | 64.6 | 31.0 | 1322.9 | 231 | 102 |
| BLTLE | 887.7 | 662.4 | 36674.4 | 749 | 339 |
| BLTLE-COWLEY | 42.9 | 42.9 | 382.8 | 13 | 4 |
| CHASE | 21.7 | 12.3 | 391.5 | 10 | 3 |
| CHASE-LYON | 8.7 | 2.8 | 18.4 | 10 | 2 |
| CHAUTAUQUA | 317.3 | 91.5 | 3615.3 | 760 | 185 |
| CHAUTAUQUA-COWLEY | 11.6 | 11.6 | 91.3 | 4 | 2 |
| CHAUTAUQUA-ELK | 2.7 | 2.7 | 117.0 | 9 | 3 |
| CHEYENNE | 9.8 | 0. | 16.8 | 4 | 2 |
| CLARK | 15.4 | 15.4 | 404.0 | 5 | 1 |
| CLARK-KIOWA | 14.4 | 0. | 0.6 | 7 | 1 |
| COFFEY | 143.5 | 51.8 | 747.3 | 204 | 34 |
| COFFEY-WOODSON | 8.7 | 4.3 | 43.2 | 37 | 6 |
| CCMANCHE | 110.0 | 4.0 | 29.0 | 14 | 5 |
| COWLEY | 629.6 | 379.0 | 14248.2 | 458 | 173 |
| CRAWFORD | 19.4 | 10.6 | 315.1 | 287 | 140 |
| DECATUR | 239.3 | 182.0 | 3268.2 | 84 | 33 |
| DOUGLAS | 6.0 | 4.8 | 71.8 | 44 | 15 |
| DOUGLAS-FRANKLIN | 0. | 39.7 | 367.0 | 36 | 23 |
| EDWARDS | 1.3 | 1.3 | 7.2 | 1 | 1 |
| ELK | 110.5 | 35.9 | 4603.6 | 183 | 96 |
| ELLIS | 600.4 | 315.6 | 12029.4 | 301 | 81 |
| ELLIS-ROOKS | 38.9 | 38.9 | 1394.0 | 21 | 10 |

1981
TABLE 2 1982 COUNTY SUMMARY OF ENHANCED OIL RECOVERY PROJECTS IN KANSAS

| COUNTY | TOTAL OIL* PROD FROM PROJECT AREA MBBL | OIL RE- COVERED BY ENHANCED METHODS MBBL | FLUID INJECTED MBBL | ACTIVE PRODUC- WELLS TION | INJEC- TION | NUMBER OF PROJECTS |
|--------------------|---|--|------------------------|------------------------------|----------------|--------------------------|
| ELLSWORTH | 175.9 | 19.9 | 1032.4 | 76 | 20 | 10 |
| FINNEY | 457.5 | 16.2 | 1697.4 | 90 | 13 | 5 |
| FRANKLIN | 133.7 | 54.6 | 673.9 | 644 | 134 | 24 |
| GCOE | 31.7 | 13.4 | 591.5 | 21 | 9 | 8 |
| GRAHAM | 634.3 | 432.6 | 11777.1 | 278 | 119 | 60 |
| GRAHAM-ROOKS | 22.0 | 17.4 | 200.0 | 8 | 4 | 1 |
| GRAHAM-SHERIDAN | 21.3 | 13.6 | 148.0 | 5 | 1 | 1 |
| GRAHAM-TREGO | 6.0 | 6.0 | 420.0 | 6 | 2 | 1 |
| GREENWOOD | 711.4 | 379.6 | 16991.8 | 1032 | 325 | 165 |
| GREENWOOD-WOODSON | 0. | 0. | 0. | 0 | 0 | 1 |
| HARPER | 19.7 | 8.0 | 643.0 | 8 | 4 | 2 |
| HARVEY | 124.9 | 67.1 | 4303.1 | 94 | 31 | 6 |
| HARVEY-MC PHERSON | 22.0 | 0. | 0. | 12 | 0 | 2 |
| HASKELL | 9.8 | 0. | 66.0 | 2 | 1 | 1 |
| HODGEMAN | 134.3 | 50.9 | 2280.2 | 50 | 16 | 13 |
| JACKSON | 0. | 0. | 0. | 0 | 0 | 1 |
| JOHNSON | 17.5 | 5.2 | 75.0 | 51 | 12 | 5 |
| KEARNY | 15.7 | 0. | 0. | 4 | 0 | 1 |
| KINGMAN | 156.0 | 59.0 | 2620.4 | 49 | 20 | 11 |
| KINGMAN-PRATT | 16.9 | 16.9 | 965.0 | 12 | 6 | 1 |
| KINGMAN-SEDGWICK | 7.0 | 0. | 0. | 9 | 0 | 1 |
| KIOWA | 15.9 | 0. | 70.0 | 10 | 1 | 2 |
| LABETTE | 28.9 | 39.7 | 503.0 | 81 | 14 | 9 |
| | | | | | | |
| LABETTE-MONTGOMERY | 0.9 | 0. | 0. | 9 | 11 | 1 |
| LANE | 68.4 | 1.9 | 173.1 | 14 | 3 | 3 |
| LINN | 28.2 | 17.6 | 1057.3 | 312 | 207 | 10 |
| LINN-MIAMI | 0. | 1.3 | 39.0 | 20 | 10 | 1 |
| LYON | 16.2 | 1.1 | 818.4 | 19 | 7 | 9 |
| MARION | 14.7 | 3.4 | 382.1 | 18 | 4 | 6 |
| MC PHERSON | 391.0 | 208.3 | 12742.7 | 304 | 102 | 65 |
| MEADE | 24.7 | 24.7 | 737.6 | 10 | 10 | 3 |
| MIAMI | 105.5 | 27.3 | 844.4 | 703 | 202 | 38 |
| MONTGOMERY | 139.8 | 88.2 | 3068.2 | 719 | 333 | 84 |
| MCRRIS | 7.9 | 3.3 | 1210.0 | 3 | 3 | 2 |

**1981
TABLE 2 1982 COUNTY SUMMARY OF ENHANCED OIL RECOVERY PROJECTS IN KANSAS**

| COUNTY | TOTAL OIL* PROD FROM PROJECT AREA COVERED BY | | | | | | NUMBER OF PROJECTS |
|----------------|---|-----------------------------|---------------------------|---------------------------|-------------------------|--|--------------------------|
| | MBBL | ENHANCED METHODS MBBL | FLUID INJECTED MBBL | ACTIVE PRODUC- TION | WELLS INJEC- TION | | |
| MORTON | 1192.9 | 1144.6 | 12696.1 | 50 | 54 | | 10 |
| NEOSHO | 299.1 | 96.0 | 2396.9 | 1162 | 411 | | 50 |
| NESS | 201.3 | 50.4 | 2398.8 | 82 | 19 | | 19 |
| KERVTON | 27.4 | 7.1 | 92.4 | 14 | 2 | | 3 |
| OSAGE | 4.3 | 0. | 91.1 | 2 | 1 | | 1 |
| COSBORNE | 0. | 0. | 0. | 0 | 0 | | 1 |
| PAWNEE | 137.7 | 110.1 | 890.7 | 37 | 13 | | 15 |
| PHILLIPS | 419.3 | 360.4 | 5310.7 | 190 | 98 | | 25 |
| POTAWATOMIE | 0. | 0. | 0. | 0 | 0 | | 2 |
| PRATT | 101.2 | 78.5 | 4165.8 | 72 | 35 | | 18 |
| RAWLINS | 202.6 | 173.2 | 4311.1 | 61 | 39 | | 11 |
| RENO | 216.3 | 113.7 | 7220.9 | 81 | 25 | | 17 |
| RENO-RICE | 4.7 | 4.7 | 74.1 | 8 | 2 | | 2 |
| RICE | 396.0 | 200.8 | 9103.4 | 276 | 92 | | 58 |
| ROOKS | 649.9 | 483.2 | 16573.1 | 377 | 162 | | 67 |
| RUSH | 12.2 | 7.3 | 114.6 | 9 | 3 | | 4 |
| RUSSELL | 1802.5 | 1321.9 | 40331.3 | 963 | 369 | | 173 |
| SALINE | 38.6 | 17.6 | 2137.5 | 46 | 13 | | 9 |
| SCOTT | 23.8 | 5.5 | 232.2 | 8 | 2 | | 3 |
| SEDDGWICK | 174.9 | 153.7 | 5720.9 | 116 | 67 | | 17 |
| SEWARD | 44.8 | 28.0 | 671.5 | 12 | 6 | | 4 |
| SEWARD-STEVENS | 32.8 | 32.8 | 1043.0 | 4 | 5 | | 1 |
| SHERIDAN | 113.8 | 95.5 | 1685.3 | 32 | 16 | | 10 |
| STAFFORD | 555.3 | 341.0 | 9811.9 | 275 | 120 | | 76 |
| SUMNER | 480.3 | 337.9 | 12126.9 | 205 | 87 | | 40 |
| TREGO | 229.0 | 87.7 | 3307.7 | 110 | 30 | | 24 |
| WABAUNSEE | 2.9 | 2.9 | 199.0 | 2 | 1 | | 1 |
| WILSON | 78.5 | 47.6 | 1048.0 | 283 | 137 | | 28 |
| WOODSON | 574.5 | 331.0 | 5574.7 | 1029 | 256 | | 84 |

*SOME OPERATORS REPORTED TOTAL BUT DID
NOT SHOW VOLUME ATTRIBUTABLE TO ENHANCED RECOVERY.

MBBL MEANS 1000 BARRELS

ENHANCED RECOVERY INCLUDES ALL METHODS OF PRODUCTION EXCEPT PRIMARY.

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TABLE 3 1982 STATE TOTALS OF ENHANCED OIL RECOVERY PROJECTS IN KANSAS.

| TOTAL OIL* PROD FROM PROJECT AREA MBBL | OIL RE- COVERED BY ENHANCED METHODS MBBL | FLUID INJECTED MBBL | ACTIVE WELLS PRODUC- TION | INJ- TION | NUMBER OF PROJECTS |
|--|--|---------------------------|---------------------------------|--------------|--------------------------|
| 17010.9 | 10137.5 | 318069.3 | 16406 | 6440 | 2016 |

*SOME OPERATORS REPORTED TOTAL BUT DID
NOT SHOW VOLUME ATTRIBUTABLE TO ENHANCED RECOVERY.

MBBL MEANS 1000 BARRELS

ENHANCED RECOVERY INCLUDES ALL METHODS OF PRODUCTION EXCEPT PRIMARY.

TABLE 4. PROJECTS REPORTED INACTIVE DURING 1981

| PROJECT NUMBER ----- | FIELD ----- | OPERATOR ----- | PROJECT UNIT NAME ----- |
|--------------------------------|----------------------|----------------------|-------------------------------|
| ALLEN COUNTY | | | |
| C-9440 | BRONSON-XENIA | MACK C. COLT | C-W |
| C-10579 | HUMBOLDT-CHANUTE | RIDGE OIL & GAS, INC | TOWNSEND |
| C-3617 | HUMBOLDT-CHANUTE | RIDGE OIL & GAS, INC | HOECKER, KROUSE |
| ALLEN-ANDERSON COUNTIES | | | |
| C-4401 | COLONY WEST | MACK C. COLT | COLONY WEST |
| ALLEN-BOURBON COUNTIES | | | |
| C-153 | DAVIS-BRONSON | MACK C. COLT | MCINTYRE TRAVIS |
| ANDERSON COUNTY | | | |
| C-3177 | BUSH CITY SHOESTRING | E O R PETROLEUM | C&L GROUP |
| C-8945 | COLONY WEST | JAMES E. RUSSELL | COLONY WEST |
| C-581 | SELMA | MACK C. COLT | SELMA |
| BARBER COUNTY | | | |
| C-10102 | RHODES | GULF | W. A. NEWKIRK |
| BARTON COUNTY | | | |
| C-9560 | KRAFT-PRUSA | COASTAL OIL & GAS | ESFELD |
| C-9812 | HAMMER | LADD PETROLEUM (KS) | HAMMER WF |
| C-17199 | FT. ZARAH | LADD PETROLEUM (KS) | HARRIS A |
| C-8335 | HAMMEKE WEST | NADEL & GUSSMAN | HAMMEKE |
| BOURBON COUNTY | | | |
| C-14355 | BRONSON-XENIA | T.E. BIRD | COLLINS UNIT |
| BUTLER COUNTY | | | |
| C-8005----- | ELBING | HILLENBURG OIL | SOUTH LATHROP |
| CHASE COUNTY | | | |
| C-18257 | ATYEO-PIXLEE | AZTEC OIL | SNYDER |

TABLE 4. PROJECTS REPORTED INACTIVE DURING 1981

| PROJECT NUMBER ----- | FIELD ----- | OPERATOR ----- | PROJECT UNIT NAME ----- |
|-----------------------------|--------------------|----------------------|-------------------------------|
| COFFEY COUNTY | | | |
| C-11074 | NEOSHO FALLS-LEROY | D. J. SCHMIDT | RUE-B-LEE NO 2 |
| C-18200 | NEOSHO FALLS-LEROY | MARVIN E. BOYER OIL | LEROY UNIT |
| COWLEY COUNTY | | | |
| CR-7771 | NIGGER CREEK | TEMPLE & ROARK | MORGAN LSE |
| CRAWFORD COUNTY | | | |
| CR12775 | WALNUT | L & L OIL | BRODBECK |
| CR-7792 | MC CUNE | RALPH H. BAUMAN | BENNETT UNIT |
| DECATUR COUNTY | | | |
| C-17018 | BLEES | A.L. ABERCROMBIE | BLEES |
| ELK COUNTY | | | |
| C-11877 | PRESTON | CRIGER OIL | ELLIOTT |
| CR4782 | LOGSDEN | SUNRISE PETROLEUM | REEVES ISE |
| ELLIS COUNTY | | | |
| C-15311 | DREILING | D OIL OPERATIONS | DREILING |
| C-9694 | UBERT NORTHWEST | EDMISTON OIL | SCHMIDT |
| C-5267 | FAIRPORT | MULTISTATE OIL PROP. | WIELAND C |
| C-10846 | SOLOMON | OKMAR OIL | ALBERT |
| C-9849 | TOULON | OKMAR OIL | BRUNGARDT |
| ELLSMORTH COUNTY | | | |
| C-14553 | SCHOENCHAN | OKMAR OIL | WOLF |
| C-9229 | TURKVILLE | PALOMINO PETROLEUM | MCCOMBS |
| C-13603 | DECHANT | SOLTHERN STATES OIL | DECHANT |
| FRANKLIN COUNTY | | | |
| CR-3788 | GENESEO-EDWARDS | CITCO | RATHBUN ARBUCKLE |
| JUDSON A | | | |
| PAOLA-RANTOUL | | | |
| CONFEDERATION RESOUR | | | |

TABLE 4. PROJECTS REPORTED INACTIVE DURING 1981

| PROJECT NUMBER ----- | FIELD ----- | OPERATOR ----- | PROJECT UNIT NAME ----- |
|----------------------------------|--------------------|---------------------|-------------------------------|
| C-697 | PAOLA-RANTOUL | RANTOUL ENERGY | JACKMAN |
| C-713 | PAOLA-RANTOUL | RANTOUL ENERGY | ROSEBERRY |
| GRAHAM COUNTY | | | |
| C-9379 | LAW NORTHWEST | BURCH EXPLOR | LAW NW |
| GREENWOOD COUNTY | | | |
| C-818 | BURKETT | F. D. GAINES OIL TR | BURKETT UNIT F |
| C-749 | BURKETT | F. D. GAINS OIL TR | BURKETT-C |
| C-13360 | SEELEY-WICK | HENSLEY OIL | CLOIDE HENSLEY |
| C-5052 | SALLYARDS | JACKSON BROS | LADD C |
| C-16865 | THRALL-AAGARD | LANCE SNYDER | EIDE-HILL |
| HARPER COUNTY | | | |
| C-5673 | SPIVEY-GRABS | MOBIL | INEZ M. DICKSON #2 SWDS |
| KEARNY COUNTY | | | |
| C-16958 | PLEASANT PRAIRIE | HELMERICH & PAYNE | PLEASANT PRAIRIE |
| KINGMAN COUNTY | | | |
| C-15840 | SPIVEY-GRABS-BASIL | TENNECO | KINERT-GILCHRIST UT |
| KINGMAN-SEDGWICK COUNTIES | | | |
| C-5288 | BARTHOLOMEW | M.L. BROWN | BARTHOLOMEW |
| KIOWA COUNTY | | | |
| C-14366 | NICHOLS | MISCO INDUSTRIES | NICHOLS UNIT |
| LINN COUNTY | | | |
| C-18581 | CENTERVILLE | RANTOUL ENERGY | HILL |
| LYON COUNTY | | | |
| C-5671 | ROCK CREEK | C. E. MURPHY | MURPHY |
| CR-1785 | WELCH-MOHR | COMMERCIAL OIL | RUSSELL |

TABLE 4. PROJECTS REPORTED INACTIVE DURING 1981

| PROJECT NUMBER ----- | FIELD ----- | OPERATOR ----- | PROJECT UNIT NAME ----- |
|----------------------------|--------------------|----------------------|-------------------------------|
| MARION COUNTY | | | |
| C-8119 | COVERT-SELLERS | HILLENBURG OIL | D.K. REAMEY |
| MC PHERSON COUNTY | | | |
| C-7365 | GEOROB | COASTAL OIL & GAS | ROBINSON |
| C-7971 | RITZ-CANTON | HILLENBURG OIL | EATON |
| C-7969 | RITZ-CANTON | HILLENBURG OIL | KUNDSON |
| MEADE COUNTY | | | |
| C-6354 | ADAMS RANCH | WHITAKER ENTERPRISES | A.W. ADAMS D |
| MIAMI COUNTY | | | |
| C-14695 | LOUISBURG | EUGENE W. STALLINGS | LOUISBURG UNIT |
| C-3132 | PAOLA-RANTOUL | RANTOUL ENERGY | ABC |
| CR-2801 | PAOLA-RANTOUL | REESE EXPLORATION | MITCHELL |
| CR10785 | PAOLA-RANTOUL | REESE EXPLORATION | EBECK MEYERS |
| MONTGOMERY COUNTY | | | |
| C-18002 | TYRO | COLLINS OIL | VINSON |
| C-18625 | COFFEYVILLE-CHERRY | GARY CLAUSING | HELLON-CLAUSING |
| C-3222 | WAYSIDE-HAVANA | HORTON AND MCKEE OIL | HAVENER |
| C-7983 | WAYSIDE-HAVANA | HORTON AND MCKEE OIL | SMOTHERMAN |
| C-17885 | WAYSIDE-HAVANA | HORTON AND MCKEE OIL | KELLENBERGER |
| C-15264 | WAYSIDE-HAVANA | HORTON AND MCKEE OIL | BERRY |
| NEOSHO COUNTY | | | |
| C-13611 | TRENT | FRANCIS GROS DIDIER | SCHUMISCH UR |
| C-18650 | HUMBOLDT-CHANUTE | KLI PETROLEUM | CLAUS-WALTERMIRE |
| NESS COUNTY | | | |
| CR77713 | PETERSILIE | CONOCO | PETERSILIE, SE |
| NORTON COUNTY | | | |
| C-17985 | HARTING | ROBERT E. DAVIS | HARTING |

TABLE 4. PROJECTS REPORTED INACTIVE DURING 1981

| PROJECT NUMBER | FIELD | OPERATOR | PROJECT UNIT NAME |
|------------------------|--------------|----------------------|----------------------|
| CSBORNE COUNTY | | | |
| CR10782 | NATOMA | GRAHAM-MICHAELIS | LOCKE-LOCKE BROS |
| PAWNEE COUNTY | | | |
| C-8878 | GARFIELD | A.L. ABERCROMBIE | HUTCHISON D |
| C-13723 | GARFIELD | A.L. ABERCROMBIE | FERTIG |
| PHILLIPS COUNTY | | | |
| C-8195 | HUFFSTUTTER | SIERRA PETROLEUM | HEFFRON |
| PRATT COUNTY | | | |
| C-7970 | IUKA-CARMI | BM&N OIL | HONEMAN |
| C-15384 | IUKA-CARMI | TGT PETR | KNOP (HOEME) |
| RICE COUNTY | | | |
| C-3875 | ORTH | MELTZER OIL | HABIGER |
| C-15792 | CHASE-SILICA | SOUTHERN STATES OIL | MERRILL J. BEHNKE |
| ROOKS COUNTY | | | |
| C-15992 | MARCOTTE | NADEL & GUSSMAN | GISH |
| RUSSELL COUNTY | | | |
| C-11553 | FAIRPORT | AYLWARD DRILLING | BOOTH |
| C-12723 | DAVIDSON | LADD PETROLEUM (KS) | PELZ-SCHREIBER |
| C-13201 | HALL-GURNEY | PETROLEUM MANAGEMENT | BOXBERGER |
| SCOTT COUNTY | | | |
| CR10772 | BROOKOVER | OKMAR OIL | BOYER A |
| STAFFORD COUNTY | | | |
| C-12237 | CENTERVIEW | LADD PETROLEUM (KS) | TOLAND |
| C-16314 | FANSHIER | SOUTHERN STATES OIL | FANSHIER |
| WILSON COUNTY | | | |
| C-10231 | NEODESHA | ALBIAN W. BAILEY | BARNES |

TABLE 4. PROJECTS REPORTED INACTIVE DURING 1981

| PROJECT NUMBER ----- | FIELD ----- | OPERATOR ----- | PROJECT UNIT NAME ----- |
|-----------------------------|----------------|-------------------|-------------------------------|
| C-10232 | NEODESHA | ALBIAN W. BAILEY | NEODESHA |
| C-10348 | BENEDICT | L & L OIL | ROBERTS |
| WOODSON COUNTY ----- | | | |
| C-8779 | ROSE EAST | BARNEY KLIPPEL | EAST ROSE UNIT |
| C-14365 | WINTERSCHIED | KRAFT OIL | FIGGE |

TABLE 5. PROJECTS REPORTED ABANDONED DURING 1981

| PROJECT NUMBER ----- | FIELD ----- | OPERATOR ----- | PROJECT UNIT NAME ----- |
|---------------------------------------|----------------|-------------------|-------------------------------|
| COWLEY COUNTY ----- C-15369 | WILMOT-FLORAL | J & L OIL | JOHNSON |
| ELLIS COUNTY ----- C-12116 | BEMIS SHUTTS | LARIO OIL & GAS | HENDERSON E |
| MC PHERSON COUNTY ----- C-17397 | GRABER NORTH | GEORGE R. HESS | BOESKER |

TABLE 6. APPROVED PROJECTS NOT INITIATED DURING 1981

| PROJECT NUMBER ----- | FIELD ----- | OPERATOR ----- | PROJECT UNIT NAME ----- |
|----------------------------|-------------------|----------------------|-------------------------------|
| ALLEN COUNTY | | | |
| CR-5775 | HUMBOLDT-CHANUTE | KLOTZ & EVANS | LEITZBACH |
| CR-1803 | CARLYLE | NORTH SLOPE PROPERTI | MCINTRE |
| BOURBON COUNTY | | | |
| CR98114 | MAPLETON | REESE EXPLORATION | CROMER |
| DOUGLAS COUNTY | | | |
| CR10816 | BALDWIN | REESE EXPLORATION | MADL ROBT II |
| ELLIS COUNTY | | | |
| C-17684 | REED | EARL TOM PYLE | STAAB |
| FINNEY COUNTY | | | |
| C-18492 | STEWART | BEREN | HAAG-MACKEY |
| FRANKLIN COUNTY | | | |
| CR-9816 | PAOLA-RANTOUL | DON MCGINNES | MCGINNES A |
| CR-9815 | PAOLA-RANTOUL | LEE MCGINNIS | SNOODY |
| CR-8819 | LELOUP | P & W JT. VENTURES | BLEAKLEY |
| GRAHAM COUNTY | | | |
| C-13960 | JACKSON BRANCH | BEREN | H. H. STEWART |
| JOHNSON COUNTY | | | |
| CR98116 | STILLWELL | REESE EXPLORATION | SCHWARTZ |
| KINGMAN COUNTY | | | |
| CR78112 | SPIVY-GRABS-BASIL | PETROLEUM INC | EVANS ABC |
| MIAMI COUNTY | | | |
| C-5273 | PAOLA-RANTOUL | REESE EXPLORATION | MIAMI FLOOD |

TABLE 6. APPROVED PROJECTS NOT INITIATED DURING 1981

| PROJECT NUMBER ----- | FIELD ----- | OPERATOR ----- | PROJECT UNIT NAME ----- |
|----------------------------|--------------------|---------------------|-------------------------------|
| CR-9814 | PAOLA-RANTOUL | WILLIAMS PRODUCTION | MCCANN ET AL |
| MONTGOMERY COUNTY | | | |
| CR10810 | COFFEYVILLE-CHERRY | HELM | LONG |
| CR78118 | WAYSIDE-HAVANA | MASEK | KINCAID |
| NEOSHO COUNTY | | | |
| CR-1814 | URBANA | VERA CRUZ PETROLEUM | FOWLER-HEILMAN |
| PAWNEE COUNTY | | | |
| C-17291 | GARFIELD | CHAPMAN EXPL | SHOEMAKE |
| ROOKS COUNTY | | | |
| C-16976 | BARRY | CONOCO | BARRY |
| RUSSELL COUNTY | | | |
| C-17612 | FAIRPORT | SOHIO PETROLEUM | SUTTON COOP WF |
| STAFFORD COUNTY | | | |
| C-14032 | MCCANDLESS | ARCO | MCCANDLESS |
| CR1816 | LEESBURG SOUTH | CONOCO | RUSSELL |

TABLE 7. PROJECTS REPORTED CANCELLED DURING 1981

| PROJECT NUMBER ----- | FIELD ----- | OPERATOR ----- | PROJECT UNIT NAME ----- |
|----------------------------|------------------|----------------------|-------------------------------|
| ALLEN COUNTY | | | |
| CR-4808 | DAVIS-BRONSON | REESE EXPLORATION | SAAT HOFF |
| C-5716 | HUMBOLDT-CHANUTE | ROY WILLIS | YOUNT |
| ANDERSON COUNTY | | | |
| C-10327 | COLONY WEST | CHARLES M. HILL | CHAS M. HILL |
| BARTON COUNTY | | | |
| C-16787 | TRAPP | SIERRA PETROLEUM | WILBORN LKC UNIT |
| C-13092 | BEND | STEPCO OIL | WELSH |
| C-15196 | KRAFT-PRUSA | TENNECO | JOHN RIEMANN "B" |
| C-18247 | TRAPP | THORNTON E. ANDERSON | PUTNAM |
| BUTLER COUNTY | | | |
| C-17901 | AUGUSTA | CITCO | AUGUSTA UNIT SIMPSON |
| C-11212 | AUGUSTA | F. GAINES & TOWN & C | HOOPES |
| C-2903 | FOX-BUSH-COUCH | JAMES H. WEBSTER | NORTH FOX BUSH |
| C-18550 | BALLARD | METRO OIL | KAUFMAN B |
| C-1319 | KEIGHLEY | W.R. GROSS | SEWARD |
| C-4077 | EL DORADO | WRIGHT OIL | WILSON A |
| CHAUTAUQUA COUNTY | | | |
| C-10303 | CRUM | CARL WALTER | VESTAL |
| COWLEY COUNTY | | | |
| CR-2811 | GUTHIE | DUNBAR & PERRY | PERRY-SNYDER |
| ELK COUNTY | | | |
| CR-2786 | WALKER | PATTESON-SHEEL | WALKER |
| ELLIS COUNTY | | | |
| C-15955 | RUDER | GENE BROWN | RUDER C |
| C-11815 | UBERT NORTHWEST | GULF | CRISSMAN A & B |

TABLE 7. PROJECTS REPORTED CANCELLED DURING 1981

| PROJECT NUMBER ----- | FIELD ----- | OPERATOR ----- | PROJECT UNIT NAME ----- |
|----------------------------|-------------------|----------------------|-------------------------------|
| C-15294 | BEMIS SHUTTS | SOHIO PETROLEUM | BEMIS I |
| GRAHAM COUNTY | | | |
| C-13221 | LAW | DON E. PRATT | C.F. GRIFFITH |
| C-6240 | PENOKEE | GRIGGS OIL | LYON-NICHOLSON |
| CR-6783 | MARTHA WASHINGTON | JAY H. GALLOWAY | KNOLL |
| C-15310 | KOHART | R & E NICKELSON | MOORE-KURTZ |
| GREENWOOD COUNTY | | | |
| C-9162 | THRALL-AAGARD | F. D. GAINS OIL TR | GREENWOOD |
| C-9884 | VIRGIL | HOUSTON OKLAHOMA OIL | SULLIVAN |
| C-13251 | VIRGIL | HOUSTON OKLAHOMA OIL | FLEMING |
| C-8069 | VIRGIL NORTH | HOUSTON OKLAHOMA OIL | BERRY |
| C-7811 | WINTERSCHIED | HOUSTON OKLAHOMA OIL | MENNONTIE |
| C-2664 | VIRGIL | JOHNSON OIL | JOHNSON |
| C-3185 | HAMILTON | LELAND DREYER | H.D. BROS |
| HODGE MAN COUNTY | | | |
| C-16699 | GOEBEL EAST | PICKRELL DRILLING | GOEBEL EAST UNIT |
| MARION COUNTY | | | |
| C-17154 | ELBING NORTH | MIDWEST SUPPLY | DEFORREST E |
| MC PHERSON COUNTY | | | |
| C-15946 | LINDSBORG | TENNECO | COMMUNITY B |
| MONTGOMERY COUNTY | | | |
| CR-9805 | TYRO | L & B OIL | FIELDS |
| MORTON COUNTY | | | |
| C-13442 | INTERSTATE | ANADARKO PRODUCTION | WEBSTER C |
| FAWNEE COUNTY | | | |
| C-12708 | GARFIELD | M.L. BROWN | GARFIELD UNIT |

TABLE 7. PROJECTS REPORTED CANCELLED DURING 1981

| PROJECT NUMBER ----- | FIELD ----- | OPERATOR ----- | PROJECT UNIT NAME ----- |
|--|----------------|----------------------|-------------------------------|
| PRATT COUNTY ----- CR-6775 | MCBRIDE | TEXAS ENERGIES | MCBRIDE |
| RENO-RICE COUNTIES ----- C-6188 | STERLING | B H & K | STUBBS MAYER UNIT |
| RICE COUNTY ----- C-14981 | | CONOCO | SESSLER |
| C-12492 | CRAWFORD | D&P OIL | BRINCKERHOFF |
| C-7360 | CHASE-SILICA | GETTY OIL | KNOP A |
| RUSSELL COUNTY ----- C-4550 | TRAPP | JAYHAWK WELL SERV | MICHEL C |
| C-17046 | HALL-GURNEY | K & P OIL | DRISCOLL A |
| C-10923 | GORHAM | LEBEN OIL | MILLS A |
| C-16112 | HALL-GURNEY | THEODORE GORE | WEBER |
| SEDWICK COUNTY ----- CR-3813 | HOSPITAL | DONALD D. ASH | ST FRANCIS HOSP |
| STAFFORD COUNTY ----- C-15562 | MAX | PHILLIPS PETROLEUM | SIEFKES A |
| SUMNER COUNTY ----- C-15825 | CASTER | PREMIER PETROLEUM | CASTER |
| WOODSON COUNTY ----- C-13109 | WINTERSCHIED | HOUSTON OKLAHOMA OIL | KIMBELL |
| C-13162 | WINTERSCHIED | HOUSTON OKLAHOMA OIL | RHEA A |