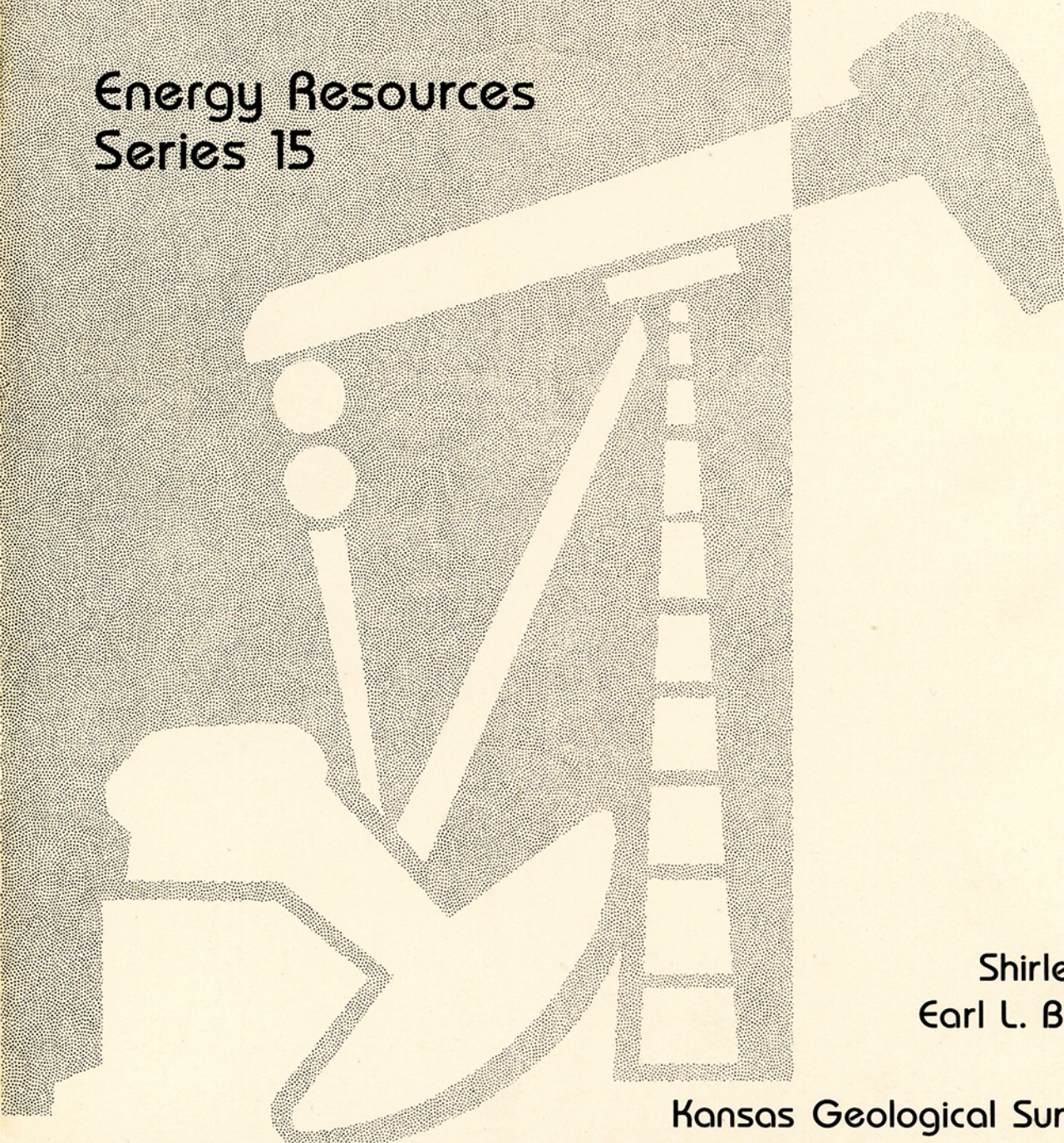


Enhanced Oil-Recovery Operations in Kansas 1978

Energy Resources
Series 15



Shirley E. Paul
Earl L. Bahnmaier

Kansas Geological Survey 1980

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ENHANCED OIL-RECOVERY OPERATIONS IN KANSAS 1978

by

Shirley E. Paul and Earl L. Bahnmaier

ENERGY RESOURCES SERIES 15

Kansas Geological Survey

CONTENTS	Page	Johnson	104
Introduction	1	Kearny	104
Historical Review	4	Kingman	104
Current Research		Kingman-Sedgwick	106
Tertiary Oil Recovery Project	6	Kiowa	106
El Dorado Micellar-Polymer Project	9	Kingman-Pratt	106
Explanatory Abbreviations	10	Labette	106
Selected Petroleum Industry References	210	Labette-Montgomery	108
Acknowledgments	211	Lane	108
TABLES		Linn	108
1. 1978 Enhanced Oil-Recovery Projects		Linn-Miami	110
Allen	12	Lyon	110
Allen-Anderson	14	Marion	110
Allen-Bourbon	14	McPherson	112
Allen-Neosho	14	Meade	118
Anderson	16	Miami	118
Barber	16	Montgomery	118
Barton	18	Morris	122
Barton-Rice	30	Morton	124
Barton-Stafford	30	Neosho	124
Bourbon	30	Ness	126
Butler	32	Norton	130
Butler-Cowley	42	Osborne	130
Butler-Marion	44	Pawnee	130
Chase	44	Phillips	132
Chase-Lyon	44	Pratt	134
Chautauqua	44	Rawlins	136
Chautauqua-Cowley	48	Reno	138
Cheyenne	50	Reno-Rice	140
Clark	50	Rice	140
Coffey	50	Rooks	146
Coffey-Woodson	52	Rush	154
Comanche	52	Russell	154
Cowley	52	Saline	166
Crawford	60	Scott	168
Decatur	62	Sedgwick	168
Dickinson	64	Seward	170
Douglas	64	Seward-Stevens	172
Douglas-Franklin	64	Sheridan	172
Edwards	66	Stafford	174
Elk	66	Sumner	182
Ellis	68	Trego	188
Ellis-Rooks	76	Wabaunsee	190
Ellsworth	76	Wilson	190
Finney	78	Woodson	192
Franklin	78	Notes indicating previous ownership changes 1977 to 1978	200
Gove	80	2. 1978 County Summary of Enhanced Oil-Recovery Projects	203
Graham	82	3. 1978 State Totals of Enhanced Oil-Recovery Projects	206
Graham-Rooks	88	4. Projects Reported Abandoned or Inactive in 1978	207
Graham-Sheridan	88	FIGURES	
Graham-Trego	88	1. Map of Kansas showing counties with enhanced recovery projects	2
Greenwood	88	2. Questionnaire form - 1978	3
Harper	100		
Harvey	100		
Harvey-McPherson	100		
Haskell	102		
Hodgeman	102		

INTRODUCTION

Kansas crude oil production during 1978 totaled 56.6 million barrels. Of this, 9.8 million barrels (or 17.3 percent) were produced by enhanced recovery methods. There were 1,518 enhanced oil projects, an increase of 70 from 1977. These projects were scattered among 70 oil-producing counties (Fig. 1). A total of 10,527 oil wells and 4,333 injection wells were reported in operation during 1978.

The majority of the enhanced oil-recovery projects fall into the following categories: pressure maintenance, dump floods, and controlled waterflood operations. At the present time, there are six reported tertiary projects in the State: the Micellar-Polymer Demonstration Project in the El Dorado Field (Butler County), a cooperative venture between Cities Service Company and the U.S. Department of Energy; a thermal recovery project in the Carlyle Field (Allen County), operated by Carmel Energy with assistance from the U.S. Department of Energy; an inert exhaust gas project in East Rose Field (Woodson County), operated by B.W. Klippel, Jr.; an inert gas and water flood in Owl Creek Field (Woodson County), operated by Tec Drilling Company; the Iola Fire Flood Project in the Moran Field (Allen County), operated by Ensminger Oil Company; and a polymer-enhanced water flood in the Vernon Field (Woodson County), operated by Kanalta Resources, Ltd.

The State Corporation Commission (KCC) is the regulatory body for oil and gas matters in Kansas. Specific sections of the KCC's general rules and regulations deal with application, approval, operation, and discontinuance of fluid repressuring and waterflooding of oil and gas properties in

Kansas. Applications for disposal of brines produced from Kansas oil and gas fields also come under the jurisdiction of the Conservation Division of the KCC. The permanent disposal of brines differs from waterflooding or secondary recovery projects in that disposal is in other than the producing zones.

Field data from each proposed secondary and tertiary recovery project are received by the KCC prior to commencement of a project. After injection begins, the operator is required to submit yearly summaries of the projects. To satisfy this requirement, the Kansas Geological Survey mails questionnaires (Fig. 2) to all operators, tabulates the information, and publishes the Enhanced Oil-Recovery Operations report. The questionnaires are then filed permanently with the KCC in Wichita.

This year the Enhanced Oil-Recovery Operations report is published in a new format. The information received from the questionnaires was processed by computer and is presented in the form of a computer print out. This process will expedite the publication of future reports.

Table 1 is a list of active enhanced oil-recovery projects, arranged alphabetically by county and field. Each operation is identified by name and by an official identification number assigned by the KCC. Through 1976, the KCC assigned the numbers sequentially. Beginning in early 1977, the KCC has assigned numbers that identify the type of project and the date of its authorization. For instance, the number CR 10775 identifies a repressuring permit (CR) issued in October (10) 1977 (77); it was the fifth permit of this type processed that month (5). Other letters, such as D for disposal wells, will be used to identify other types of projects.

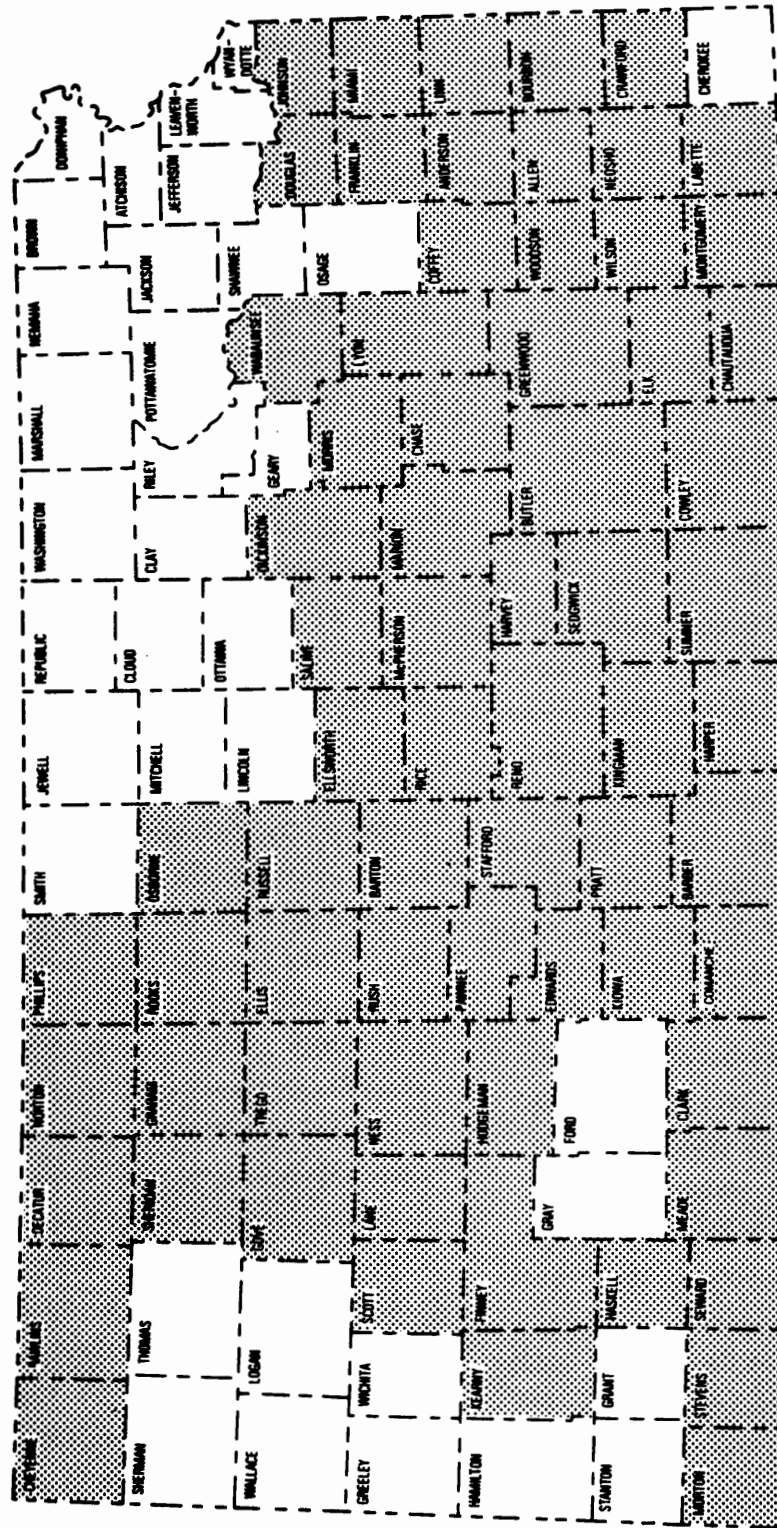


Figure 1. Map of Kansas showing counties with enhanced recovery projects.

Annual Kansas Enhanced Recovery and Repressuring Questionnaire (1978)

Please return to: Kansas Geological Survey, 1930 Ave. A--West Campus,
Lawrence, Kansas 66044.

County: _____; Field _____

K.C.C. Number: _____; Project or Unit Name: _____

Is information listed below the same as last year? ☐ Yes, ☐ No (check one)
If "yes," please leave front blank and turn to reverse side.
If "no," please correct only those items that have changed.

Type of Project (please check one):

- ☐ Controlled waterflood (W); ☐ Dump flood (D); ☐ Air-Injection (A)
☐ Pressure maintenance (P); ☐ Steam flood (S); ☐ Fire Flood (F)
☐ Surfactant chemical flood (C); ☐ Polymer-enhanced waterflood (E)
☐ Miscible-fluid injection (M); ☐ CO₂ injection (O); ☐ Other _____.

Company (operator) name: _____

Previous owner (if project purchased during year): _____

Lease Name and Legal Description: _____

Sec. _____

Twp. _____

Rge. _____

Oil producing zone: _____

Name: _____; Depth: _____ ft.; Aver. Thickness: _____ ft.

Oil gravity (if available): _____ ° A.P.I.

Source of injected water (please check proper ones):

☐ Produced water; ☐ Other _____

If "Other," name: _____

Type of injected water (please check one):

☐ Fresh ☐ Mixture of fresh water and brine
☐ Treated brine ☐ Untreated brine

Date of First Injection: _____ (year)

Production and Injection Data - 1978

(Enter a zero if no oil was produced, and if no water or gas was injected. Estimate production and injection data if records are incomplete.)

Injection wells:

Average number injecting, 1978: _____ Average wellhead pressure _____ p.s.i.
 Number drilled during 1978: _____
 Number abandoned during 1978: _____

Production wells:

Average number producing, 1978: _____
 Number drilled during 1978: _____
 Number abandoned during 1978: _____

1978 Cumulative

Fluid injected or dumped into producing zone (bbls) _____

Gas or air injected into producing zone (MCF) _____

Oil production from project area (bbls) (TOTAL) _____

Oil recovered by enhanced methods such as polymer-enhanced waterflood, surfactant-polymer injection, alkaline chemical injection, miscible fluid or gas injection, steam or hot water injection, or some combustion process, but excluding oil recovered by waterflood or pressure maintenance operations.

Records will be permanently filed with Conservation Division,
State Corporation Commission of Kansas, 245 North Water, Wichita, KS
67202 after the annual report is compiled.

Other pertinent information for each project listed in the table includes thickness and depths of oil-producing zones or injection horizons, sources of water, and cumulative figures on oil produced and water injected.

Individual operators can only estimate the amount of oil attributable to an enhanced project area. This estimation is relatively easy when the operator takes over an abandoned lease and starts an enhanced oil project. However, it has become increasingly desirable to begin secondary techniques prior to production decline. This complicates the determination of the portion of production that is primary and the portion attributable to enhanced recovery. These projects are usually referred to as "pressure maintenance" or "dump floods."

County totals are listed in Table 2. The cumulative statistics do not reflect production from projects that have been abandoned.

A list of projects that were inactive or temporarily abandoned during 1978 is given in Table 3.

The continuing research activities of the Tertiary Oil Recovery Project (TORP) of The University of Kansas are summarized by a report by Dr. Don W. Green in the "Current Research" section. This section also contains a summary of the El Dorado Micellar-Polymer Project, being undertaken by Cities Service Company and the U.S. Department of Energy.

For many years, project data have been published by members of the Kansas Geological Survey. These and other pertinent reports are listed in "Selected Petroleum Industry References." The reports give companies an overview of all projects in the State. Material provided by the companies for this

tabulation constitutes the yearly project summaries required by the Kansas Corporation Commission.

HISTORICAL REVIEW

The roots of enhanced oil-recovery operations date back to the late 1800s. Operators in Pennsylvania and western New York oil fields observed substantial increases in oil-production rates when water leaked past corroded casings of old wells into producing sands. This prompted them to purposely slit casing opposite water-producing formations in some wells to permit water to enter the oil-producing horizon.

Some years later, operators introduced the new technique from the eastern states into Kansas. Waterflooding was practiced haphazardly for many years in southeastern Kansas before it was authorized by law in 1935. The first legal project under the new Kansas statute was started on May 15, 1935, by York State Oil Company, in the Seeley pool of Greenwood County (Taliaferro and Eakin, 1955). Water was injected on that date into the Bartlesville sand at a depth of 1,940 feet. Two other projects started in late 1935. The Wiser Oil Company's Paulus flood in Chautauqua County was begun in September when water was injected into the "Peru" at a depth of 1,100 feet. The Texas Company inaugurated the third flood in December 1935 in the Centerville Shoe-string field of Linn County, by injecting water into the Bartlesville sand at a depth of 400 feet. It is significant that the early "legal" waterfloods in Kansas were located in different areas, at various depths, and under differing geologic conditions.

Since 1935, interest in waterflooding

has spread rapidly throughout old stripper fields in eastern Kansas. By 1942, water-flooding projects were in operation in 13 counties, with greatest activity in Chautauqua, Montgomery, Greenwood, Neosho, Allen, Anderson, Linn, Franklin, Miami, and Crawford counties.

P. Grandone (U.S. Bureau of Mines, R.I. 3761, 1944) gathered statistics on water-flooding operations in Kansas for the years 1935 through 1942. The three projects operating in 1935 had eight oil wells, which produced 3,726 barrels of oil, and 15 input wells that injected 130,181 barrels of water into the producing zones. By 1942 there were 49 projects in operation. His data are complete for only 10 months of 1942, but oil production in that period was 1.25 million barrels.

A special committee was organized at Chanute in 1950 to study secondary-recovery operations in the State. This group set up

the mechanics for obtaining information on secondary oil-recovery operations in Kansas, the information to be obtained, compiled, and published by the Kansas Geological Survey at The University of Kansas in Lawrence.

The committee was reorganized on May 28, 1963, at the Kansas Corporation Commission's Division offices in Wichita, Kansas. At that time Mack C. Colt and E.D. Goebel were elected co-chairmen. The questionnaire on secondary-recovery operations in Kansas was prepared in accordance with the rules and regulations of the Kansas Corporation Commission by a pilot committee, with help from a representative of the Interstate Oil Compact Commission. It was then submitted to the entire committee for approval.

Although its format has changed, the present questionnaire (Fig. 2) is very much like the original one prepared in 1963.

CURRENT RESEARCH

TERTIARY OIL RECOVERY PROJECT

Dr. Don W. Green

The Tertiary Oil Recovery Project (TORP) was established in 1974 by the Kansas Legislature to establish a base of research and development in new technologies for the recovery of oil in the State of Kansas and to disseminate information about these new technologies to the Kansas oil industry. The Project involves the Department of Chemical and Petroleum Engineering, the Kansas Geological Survey, and the Department of Geology at The University of Kansas. TORP is viewed as a cooperative activity with the oil industry, and an Oil Recovery Advisory Board assists the project. At present the project staff at The University of Kansas includes three teaching staff members, two full-time research associates, two technicians, and 12 graduate students.

Tertiary oil-recovery processes are understood to be those processes used after oil has been produced from fields using conventional technology such as waterflooding, pressure maintenance, or dry gas injection (secondary recovery). The newer tertiary techniques involve the injection of specific chemicals or heat into a reservoir to recover oil that would otherwise be left behind.

Project work at The University has been divided into a number of related activities.

1. Assessment of the Resource

A statewide assessment was made of the amount of oil that will remain in Kansas reservoirs after exhaustion of primary and

secondary production. A classification of this resource by major geologic type was also made. Briefly, the conclusion was that about one-third of the original 15 billion barrels of oil in place in Kansas will be recovered by conventional technology. As much as one to three billion barrels of the remaining 10 billion barrels may eventually be recovered through application of tertiary techniques (W.J. Ebanks, Jr., "Kansas Oil for Enhanced Recovery - A Resource Appraisal," Tertiary Oil Recovery Project Contribution No. 1, November, 1975).

Detailed geologic studies have been made of a few specific Kansas reservoirs of the type found in eastern and central Kansas. Attempts are being made to relate geologic factors to the engineering parameters that affect tertiary oil recovery so that improved estimates might be made of recovery potential.

2. Research and Development Work

Work in this part of the project may be classified as follows:

- a) Research on the micellar/polymer chemical displacement process.
- b) Research on applications of polymer and gelled polymers.
- c) Research on the in-situ combustion (thermal) recovery process.
- d) Development of laboratory and analytical methods.
- e) Computer modeling.

The micellar/polymer process is based on the injection of a detergent-type chemical into a reservoir to "wash" trapped oil out of the rock. The chemical solution used typically consists of a surfactant (petroleum

sulfonates), alcohol, brine, and oil mixture and is termed a micellar solution. Mixtures of high-molecular-weight polymers are injected after the micellar solution as a means of efficiently pushing the solution through the reservoir.

The research is focusing on a determination of the general effectiveness of the solutions in removing oil from reservoir rocks and on understanding the mechanisms by which this removal occurs. Early experiments utilized relatively simple hydrocarbon systems to improve understanding of the surfactant solutions. The work has been extended to crude oils from specific Kansas reservoirs.

Several studies are in progress. Phase behavior of the chemical systems, the behavior that occurs when the detergent-type chemicals are mixed with oil and water, is being examined. In a series of oil recovery displacement experiments it has been discovered that emulsions are formed during the displacement process and that these emulsions are important to the removal of oil. The specific mechanisms involved in the removal of oil are being investigated. In yet another study, the displacement behavior when the chemicals of interest are applied to specific Kansas crude oils is being examined. One project under way is of a fundamental nature in that the displacement of an oil drop from a single capillary of the size found in reservoir rocks is being examined. Phenomena in this system have been observed that are providing insight into the mechanisms of oil recovery.

Much has been learned about the use of micellar solutions to displace crude oil. A general understanding of how to formulate chemically effective solutions has been developed from the work with the simple

systems. The initial studies with Kansas oils have indicated that this information is directly transferable to crude oils of the type existing in Kansas. In laboratory cores, chemical solutions have been tested that will recover 80-90 percent of the oil left after a waterflood. However, at this point, the chemical solutions being used are relatively expensive. Additional research is required to develop systems capable of displacing oil economically.

Research in chemical flooding is also being conducted on the use of high-molecular-weight polymers in oil-recovery processes. Polymer solutions are used in conjunction with micellar flooding as a means of uniformly "pushing" the micellar solution through the reservoir rock. Polymers may also be used to augment waterflooding as a way of improving oil displacement efficiency.

The laboratory research has focused on an attempt to understand the behavior of polymer solution as it flows through a reservoir rock and the interaction between the rock and the polymer solution. Information has been developed on interactions of polymer solutions with sandstone rocks. This work is being applied to specific reservoir rocks from southeastern Kansas. A study was also initiated of polymer-rock interactions for limestone- and dolomite-type rocks. Most of the large reservoirs in central and western Kansas are of this type and very little published information is available on polymer flow in such systems.

Another application of polymers being investigated involves their gel-forming properties. Polymers will form gels when contacted with certain chemical reagents. 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 liquids into "tighter" areas of the reservoirs, causing the recovery of additional oil. Two different methods of crosslinking the polymer molecules to form the gels are under study. In particular, correlations are being developed for the time of gel formation, i.e., the time required for a gel to "set up" in the reservoir.

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. Considerable effort has gone into the construction of an in-situ combustion apparatus to be utilized for experimental work to study this process. Crude oil from southeastern Kansas has been used in initial experiments and data are beginning to be collected on the combustion characteristics of Kansas crude oils. Long-range objectives are to collect chemical kinetic data on Kansas oils and to develop an apparatus capable of testing specific crude oils in the laboratory.

A limited amount of computer modeling has been done in the Project. A streamlined computer model that will describe, in a simplified manner, fluid flow in a producing oil field is nearing completion. This model is being used to describe chemical tracer movement in oil reservoirs for estimation of waterflood displacement efficiency.

The research laboratory is well equipped to conduct fluid displacement studies and associated chemical analyses. The laboratory is located on the fourth floor of Learned Hall, adjoining the laboratories of the Department of Chemical and Petroleum Engineering.

3. Dissemination of Technical Information

Three tertiary oil recovery conferences have been sponsored by TORP. These were held in Wichita in October 1975, April, 1977, and April 1979. The present plan is to conduct conferences every other year. Proceedings volumes were published and disseminated after each conference and a number of other papers and theses have been published. A list of these proceedings and copies are available from The Tertiary Oil Recovery Project, The University of Kansas.

The Project is also initiating a "How To Do It" series of publications for the Kansas oil industry. The first of these will be a manual that will describe procedures to use in conducting chemical tracer tests in a reservoir for the purpose of defining fluid flow paths in the reservoir.

4. Interaction with the Kansas Oil Industry

The Oil Recovery Advisory Board established at the beginning of the Project has been active throughout the program and has offered guidance in such areas as development of the oil recovery conferences and in planning the research program.

Since 1978, TORP has been interacting with a field pilot project involving the injection of polymer solution into a reservoir. The pilot test is located in eastern Kansas near Iola. The initial phase of the test involved the injection of chemical tracers in an attempt to define any heterogeneities which might exist. Analysis of this tracer test is still in progress. Injection of polymer solution began in 1979 and it is still too early in the program to evaluate results.

EL DORADO MICELLAR-POLYMER PROJECT

Ronald J. Miller

The El Dorado Micellar-Polymer Demonstration Project is a cooperative venture between Cities Service Company and the United States Department of Energy. The primary objectives of this project are to determine the economic feasibility of improved oil recovery using two micellar-polymer processes and to determine the associated benefits and problems of each process. The El Dorado Demonstration Project is designed to allow a side-by-side comparison of two distinct micellar-polymer processes in the same field so that the reservoir conditions for the two floods are as similar as possible.

During this project year (1978), the micellar fluid injection was completed in the north (Chesney) pattern and injection of polymer solution was initiated. Polymer solution was injected into the south (Hegberg) pattern during the entire reporting period. The third step of the graded polymer injection design was nearing completion at the end of this reporting period.

Fluid movement at the observation wells has been monitored closely. Oil mobilization has been indicated by the detection of an oil bank moving past some of the observation wells in both patterns. No significant changes in fluid composition have occurred at the eight production wells during this year.

EXPLANATORY ABBREVIATIONS

TYPE OF PROJECT		TYPE OF MATERIAL INJECTED	
A	= Air injection	F	= Fresh water
D	= Dump flood	M	= Mixture of fresh water and brine
F	= Fire flood	T	= Treated brine
P	= Pressure maintenance	U	= Untreated brine
S	= Steam flood		
SWD	= Salt water disposal		
W	= Controlled waterflood		
-	= Not identified		

PRINCIPAL OIL-PRODUCTION MECHANISM BEFORE SECONDARY RECOVERY OR REPRESSURING EFFORT

Comb	= Combination of production mechanisms not specifically designated
Gas Exp	= Gas expansion (gas cap) drive
Grav	= Gravity drainage
S Gas	= Solution gas drive
Wat	= Water drive

ABBREVIATIONS FOR OIL-PRODUCING ZONES AND SOURCES OF INJECTED WATER

ADM	= Admire	LS	= Limestone
ARB	= Arbuckle	MCP	= McPherson
BARTL, BAR	= Bartlesville	MAQ	= Maquoketa
B PENN	= Basal Pennsylvanian	MARM	= Marmaton
BURG	= Burgess	MISE	= Misener
CATTLE, CAT	= Cattleman	MISS, MIS	= Mississippian
CEDH	= Cedar Hills	MORR, MOR	= Morrow
CH	= Chat, Chert	NEOD	= Neodesha
CHER, CHE	= Cherokee	OGAL, OGLA	= Ogallala
CHES	= Chesteran	ORE	= Oread
CHEY	= Cheyenne	OSWE	= Oswego
CONGL	= Conglomerate	PEN	= Pennsylvanian
COT GR	= Cottage Grove	PENN CONGL	= Pennsylvanian conglomerate
DAK	= Dakota		
DOD	= Dodge	PERM	= Permian
DOUG	= Douglas	PL	= Pleasanton
EL DOR	= El Dorado	PLATT	= Plattsmouth
ELGI	= Elgin	PLEIST	= Pleistocene
FR	= Unnamed fresh water	PROD	= Produced
FRSD	= Fresh-water sand	QUAT	= Quaternary
GOR	= Gorham	REG, REA	= Reagan
GRAV	= Gravel	SD	= Sand
HER	= Hertha	SH FR	= Shallow fresh water
HOW	= Howard	SH GRAV	= Unnamed shallow gravel bed
HUNT	= Hunton		
KC	= Kansas City	SH LM	= Shallow lime
KIND, KINDER	= Kinderhook	SHSD	= Unnamed shallow sand
LANS, LAN	= Lansing	SHAW	= Shawnee
LCK	= Lansing-Kansas City	SIMP, SIM	= Simpson
LAY	= Layton	SNYDER	= Snyderville
LM	= Lime	SQUIR, SQU, SQUI	= Squirrel
LO	= Lower	ST L	= St. Louis

STAL	= Stalnaker	U MORR	= Upper Morrowan
SWS	= Unnamed salt-water sand	U PLEAS	= Upper Pleasanton
TAR, TRK	= Tarkio	VIO	= Viola
TER	= Tertiary	WAT	= Water
TOP	= Topeka	WAY	= Wayside
TOR	= Toronto	SHT CLD	= White Cloud
TUCK, TUC	= Tucker		
UP	= Upper	NR	= Not reported

OPERATOR LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
ALLEN COUNTY *****							
BRONSON-XENIA FIELD -----							
MACK C. COLT INC 33-24S21E 4,8,9-25S21E	C-9440	C-W	W	BARTL	800	20	26.0
MACK C. COLT INC 22,27,28,33,34-24S21E	C-3091	KBC-KBN	W	BARTL	750	20	30.0
COLONY WEST FIELD -----							
MACK C. COLT INC 21,22,27-23S18E	C-15815	COLONY B SOUTH UNIT	W	SQUIR	850	25	32.0
ELMORE FIELD -----							
GEORGE A. HOFFMAN 22-25S21E	C-18297	ELMORE PROJECT	W	BARTL	700	12	30.0
ELSMORE SHOESTRING FIELD -----							
CORAL PETROLEUM DEV 16,21-26S21E	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 DEV 16,21-26S21E 8,9,16-26S20E	C-17819	WEST ELSMORE	W	BARTL	720	19	31.0
HUMBOLDT-CHANUTE FIELD -----							
JONES & CAMPBELL INC 19,24-26S18E	C-3802	WOLFE-TEBAY UNIT	W	BARTL	820	18	28.0
JONES & CAMPBELL INC 9-26S18E	C-8170	MONARCH	W	BARTL	800	10	32.0
KENNETH L. WIMSETT 18-26S20E 13-26S19E	C-16718	C. JOHNSON	W	BARTL	725	10	32.0
LAYTON OIL 1,12,13-26S18E 6,7-26S19E	C-8647	PROJECT 503	W	BARTL	820	10	32.0
MARKAN OIL 19,20,29-26S20E	CR-9787	JORDAN	W	TUCKER	900	43	23.0
RENFLOW OIL 28,29,32-26S20E	C-18163	BECKER	W	BARTL	850	14	23.0
TEXACO 22,23,26,27-26S18E	C-1858	HENDRICH'S BLOCK	W	BARTL	725	20	29.1
WIMSETT & THOMPSON 9-26S18E	C-9014	PERRENOUD-WINDER	W	BARTL	800	8	30.0
IOLA FIELD -----							
BECKETT OIL 31-24S18W 36-24S17W	C-13992	MILLER,LING,TEATS ET AL	W	SQUIR	813	12	28.0
LAYTON OIL 10,11-24S18E	C-9089	CARLYLE THERMO UNIT	F	BARTL	980	20	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)			
					1978	CUM			1978	CUM	1978	CUM			
1962	T	PROD & MISS	0	0	0	999	6	0	1	75	1	75		C-9640	
1951	T	PROD & MISS	64	0	1053	35798	75	0	18	3082	18	3082		C-3091	
1971	T	SH LM	16	2	233	1081	27	2	23	129	23	129		C-15815	
1973	M	PROD & FR	3	0	43	295	7	0	1	15	1	15		C-18297	
1974	T	PROD & MISS	41	2	558	1542	68	18	23	121	23	121	1	C-17350	
1950	U	PROD	1	0	3	NR	4	0	1	NR	1	NR		C-17800	
1974	T	PROD & MISS	16	0	355	1217	32	3	7	49	7	49	2	C-17819	
NR	T	PROD & OSWE	6	0	115	NR	9	0	1	NR	1	NR		C-3802	
NR	T	PROD & OSWE	6	0	12	NR	5	0	2	NR	2	NR		C-8170	
1972	M	PROD & KC	12	0	3	30	26	0	11	78	5	NR		C-16718	
1970	T	PROD & MISS	24	0	335	2721	27	0	26	185	26	185		C-8647	
1978	M	PROD & MISS	20	20	38	38	24	24	6	80	0	0		CR-9787	
1976	T	PROD	22	0	233	1096	NR	NR	25	50	NR	NR		C-18163	
1974	M	PROD & ARB	13	0	149	41	33	0	4	18	3	16		C-1858	
NR	M	PROD	7	10	60	NR	24	10	13	NR	NR	NR		C-9214	
1968	U	PROD	1	0	9	148	6	0	1	13	1	4		C-13992	
1963		NR	0	0	0	1145	9	0	2	125	NR	NR		C-9089 C-9017	

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ---
ALLEN COUNTY *****							
IOLA FIELD -----							
LAYTON OIL 3-24S18E	C-8717	CROSS	S	BARTL	860	50	18.0
ROYAL OIL & GAS 9-24S18E	C-3246	HOBBS	D	BARTL	950	150	20.0
TECH AM RESOURCES 23-25S19E	C-16534	A.W. WADE	W	BARTL	845	24	22.4
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 21,22-25S19E	C-14897	JARRED & SETTER "B"	W	BARTL	800	25	23.5
TECH AM RESOURCES 22-25S19E	C-14357	H.P. MORRISON UNIT	W	BARTL	861	35	23.7
MORAN FIELD -----							
ENSMINGER OIL 1,12-25S19E 5,6,7,8-25S20E	C-18507	IOLA FIRE FLOOD	W	BARTL	820	25	19.0
MACK C. COLT INC 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
SAVONBURG FIELD -----							
GEORGE A. HOFFMAN 21,28,29-26S21E	C-11361	SAVONBURG	W	BARTL	690	13	30.0
WALTER DUCAN OIL 32-26S21E	C-11082	WALQUIST	W	BARTL	670	30	32.5
ALLEN-ANDERSON COUNTIES *****							
COLONY WEST FIELD -----							
MACK C. COLT INC 3,8,9,15,16,34-23S18E	C-4401	COLONY WEST	W	SQUIR	850	15	32.0
ALLEN-BOURBON COUNTIES *****							
DAVIS-BRONSON FIELD -----							
MACK C. COLT INC 34-23S21E 2,3,10,11,15-24S21E	C-153	MCINTYRE TRAVIS	W	BARTL	700	30	28.5
ALLEN-NEOSHO COUNTIES *****							
HUMBOLDT-CHANUTE FIELD -----							
TEXACO 32,33-26S18E 4-27S18E	C-4919	K.T. BLOCK	W	BARTL	730	20	32.5

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)		
					1978	CUM			1978	CUM	1978	CUM		
1974	M	PROD & FR	0	0	0	31	31	0	1	3	1	3		C-8717
1954	U	PROD	1	0	90	689	15	3	11	479	NR	NR		C-3246
1972	M	PROD & KC	2	0	26	249	2	0	1	16	1	5		C-16534
1968	U	PROD	1	0	3	84	15	0	3	129	NR	NR		C-7469
1968	M	PROD & KC	3	0	31	467	5	0	7	136	7	94		C-14322
1969	M	PROD & KC	3	0	54	651	6	0	8	92	8	58		C-14897
1968	M	PROD & KC	6	0	107	1249	9	0	7	172	7	105		C-14357
1976	U	PROD	5	3	18	38	33	3	6	8	3	NR		C-18507
1955	T	PROD & MISS	6	0	83	1551	6	0	3	346	3	346		C-9952
1963	T	PROD & MISS	41	0	206	NR	64	0	23	NR	23	NR		C-10334
NR	T	PROD & ARB	6	0	116	13096	31	9	35	798	35	798		C-11361
1964	T	PROD & MISS	6	0	48	2015	3	0	1	140	1	NR		C-11082
1955	T	PROD & MISS	12	0	38	7281	30	0	4	1336	4	1336		C-4401
1952	T	PROD & MISS	C	0	0	832	14	0	1	NR	NR	NR		C-153
1974	M	PROD & ARB	13	0	205	1122	65	0	7	31	7	31		C-4919

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME -----	DEPTH -----	THK ---	GRAV ---
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
GLACIER PETROLEUM 4,5-21S21E	C-3177	C&L GROUP	W	SQUIR	620	25	37.0
GLACIER PETROLEUM 4,5-21S21E	C-3151	REED GROUP	W	SQUIR	620	30	37.0
GULF 28,33-20S21E 4-21 21E	C-5985	DENGO 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 -----							
JAMES E. RUSSELL PET 36-22S17E 31-22S18E 5,6-23S18E	C-8945	COLONY WEST	W	SQUIR	850	18	30.0
COLONY-WELDA FIELD -----							
BRECHEISEN OIL 2-22S19E	C-9179	BUCHANAN-SETTLE	W	SQUIR	820	20	35.0
BRECHEISEN OIL 35-21S19E	C-6436	BRECHEISEN-ROCKY ROOST	W	SQUIR	820	20	34.0
BRECHEISEN OIL 34,35-21S19E	C-6421	SUMMERS AND CAMERON	W	SQUIR	820	25	35.0
BRECHEISEN OIL 22,27,35-21S19E	C-11406	KATTENHORN-KELLSTADT	W	SQUIR	825	24	35.0
JAMES E. RUSSELL PET 26-22S19E	CR-5772	BURKE	W	SQUIR	800	8	29.0
JAMES E. RUSSELL PET 2,3-22S19E	C-5363	UNIT 3	W	SQUIR	800	19	36.0
JAMES E. RUSSELL PET 21,22,27,28,33-22S19E	C-11165	UNITS NOS 1 & 2	W	SQUIR	800	16	33.0
JAMES E. RUSSELL PET 4,9-22S19E	C-10781	STRAIN	W	SQUIR	800	14	36.0
GARNETT SHOESTRING FIELD -----							
C.K. OIL 32-20S20E	C-7361	CALDWELL	P	SQUIR	660	20	35.0
*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

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)		
					1978	CUM			1978	CUM	1978	CUM		
1975	U	PROD	1	0	4	8	15	5	9	55	NR	NR		C-18135
NR	U	PROD	100	0	56	NR	125	0	2	NR	NR	NR		C-3177
NR	U	PROD	100	0	157	NR	130	0	6	NR	NR	NR		C-3151
1944	T	PROD & ARB	114	0	321	11541	123	0	18	2206	18	1566	3 C-1111	C-5985 C-852
1951	T	PROD & ARB	104	0	516	20656	147	0	35	1991	35	1911		C-3098
1967	T	PROD & SWS	4	0	134	6827	49	0	6	693	6	518		C-8945
1962	M	PROD & KC	9	0	40	513	6	2	3	11	3	11		C-9179
1958	M	PROD & KC	2	0	50	386	7	0	1	NR	1	10		C-6436
1958	M	PROD & KC	15	0	98	961	18	2	9	60	9	NR		C-6421
1959	M	PROD & FR	35	4	280	1439	65	18	48	NR	48	125		C-11406
NR	NR	NR	0	0	0	NR	9	0	1	1	NR	NR		CR-5772
1957	T	PROD & MISS	42	0	15	2569	37	0	39	315	29	175		C-5363
1948	T	PROD & MISS	0	0	0	8961	8	0	1	4	1	776		C-11165
1964	T	PROD & OSWE	15	0	120	1965	17	0	7	305	7	183		C-10781
1959	U	PROD	5	0	6	748	6	1	1	78	1	78		C-7361
1967	T	PROD	1	0	292	3473	3	0	2	139	2	NR		C-13209
1957	U	PROD	1	0	12	244	1	0	8	166	NR	NR		C-5362

OPERATOR LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH ---	THK ---	GRAV ---
BARBER COUNTY *****							
HARDTNER FIELD -----							
OKMAR OIL 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	26.2
GULF 15-33S13W	CPM5771	HOLMES C	P	MISE	4858	10	38.0
TEXAS AM OIL 20-33S12W	C-17369	G.R. SMITH A	P	SIMP	4963	31	26.0
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 17-33S11W	C-10102	W. A. NEWKIRK	W	MISS	4450	UNK	25.4
GULF 15,16,21-33S11W	C-10266	RHODES UNIT	W	MISS	4550	20	27.0
SALT FORK FIELD -----							
BRADEN-DEEM INC 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
LEBEN OIL 15-18S11W	C-17142	DREWS	P	LANS	3036	189	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)		
					1978	CUM			1978	CUM	1978	CUM		
1977	U	PROD	1	0	237	392	7	0	18	37	0	0		C-18484
NR	U	PROD	1	0	9	469	2	0	2	81	2	NR		C-6939
1972	T	PROD & KC	1	0	85	535	1	1	1	5	1	2		C-16556
1969	T	PROD & KC	3	0	256	2783	12	0	11	676	11	95		C-14776
1969	U	PROD	4	0	622	3152	6	0	11	2926	11	121		C-15010
1977	U	PROD	1	0	0	2	1	0	2	64	NR	NR	4	CPM5771
1975		PROD	1	0	803	7272	4	0	15	1741	0	0	5	C-17369
1969	T	PROD	1	0	52	166	2	0	3	96	NR	NR		C-15203
1971	U	PROD	1	0	48	339	3	0	9	184	3	18		C-15630
1963	U	PROD	2	0	75	9458	7	0	5	NR	7	360		C-10102
1962	M	PROD	13	0	2434	72167	24	0	123	5874	123	2444	6	C-10266 C-9123
1971	U	PROD	1	0	73	231	4	0	5	226	1	6		C-16259
1974	U	PROD	1	0	14	42	1	0	5	537	NR	NR		C-15863
1971	U	CEDH	3	0	190	1553	8	0	13	734	13	242		C-15252
1974	T	PROD	1	0	120	679	4	0	6	693	1	5	7	C-17142

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ---
BARTON COUNTY *****							
AMES FIELD -----							
PIONEER OPERATIONS 22,23,26,27-18S11W	C-6929	ROBL UNIT	P	LKC	2925	155	40.0
BAILEY FIELD -----							
NCRA 30-18S11W	C-11512	BAILEY LKC UNIT	W	LANS	3278	16	42.5
BEAVER FIELD -----							
COLORADO 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
PHILLIPS PETROLEUM 10-16S12W	C-14631	CHRISTIAN D	P	LKC	3060	12	39.0
BERNARD FIELD -----							
GRAYBOL-PATTON 10-19S11W	C-15418	MUSENBERG UNIT	W	LANS	3192	8	40.0
BIRZER WEST FIELD -----							
TGT PETR CORP 21,22,28-17S12W	CR77711	KOESTER	P	ARB	3453	9	38.0
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	W	LKC	3130	10	39.0
BOYD FIELD -----							
ENERGY RESERVES 4-18S14W	C-15841	FRIEB	W	LKC	3230	20	38.6
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 INC 31-19S13W	C-14333	PANNING-RUSSELL-GRUNWALD	W	LKC	3252	6	36.0
FOUR-WAY OPERATING 36-19S14W	C-14048	VAUGHAN-RUSSELL	W	LANS	3187	235	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)			
					1978	CUM				1978	CUM		1978	CUM	
1971	U	PROD & PERM	2	0	118	813	6	0	5	NR	4	NR		C-6929	
1972	M	PROD & FR	2	0	123	492	5	0	19	125	10	49		C-11512	
1973	U	PROD	1	0	171	689	2	0	5	387	NR	NR	8	C-16938	
NR	T	PROD	1	0	368	NR	2	0	7	NR	7	NR		C-11244	
1968	U	PROD	1	0	21	199	1	0	1	82	1	1		C-14631	
1970	M	PROD & FR	2	0	80	1102	5	0	5	142	5	142		C-15418	
1977	U	PROD	1	1	37	68	1	1	2	5	NR	NR		CR77711	
1978	U	PROD	1	0	47	47	1	1	3	22	1	1		CR-1781	
1961	T	PROD	1	0	44	NR	3	0	1	NR	1	NR		C-8376	
1971	U	PROD	1	0	222	1231	5	0	9	999	9	82		C-15841	
1960	T	PROD	1	0	15	NR	3	0	4	NR	NR	NR		C-7810	
1974	U	PROD	1	0	82	262	1	0	1	210	NR	NR		C-17564	
1968	M	PROD & FR	2	0	42	412	2	0	27	207	3	61		C-14333	
1971	U	PROD	1	0	3	25	3	0	1	66	1	10		C-14348	

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 -----							
NCRA 4-19S12W	C-16052	MILLER A	D	LANS	3100	15	40.0
NCRA 4-19S12W	C-15218	LUCAS	W	LKC	3104	15	44.0
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	W	LKC	3140	150	38.6
ISERN PETROLEUM 23-19S12W	C-5387	LANTERMAN WF	W	KC	3142	35	40.0
SOHIO NAT RESOURCES 12-19S12W	C-3272	HEINZ A	W	LKC	3100	17	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	EWING-BEAHM		LKC	NR	NR	NR
K.R.M. PET CORP 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 28-19S11W	C-8476	SCHWAMBORN	W	LKC	3065	12	42.0
ERNA NORTHWEST FIELD -----							
ICER ADDIS 19-18S14W 24-18 15W	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)	TOT	NEW	MB OR	(MMCF)	MB OR	(MMCF)		
					1978	CUM			1978	CUM	1978	CUM		
1966	T	PROD & ARB	1	0	89	1098	2	0	2	240	2	13		C-11715
1972	T	PROD	1	0	20	217	1	0	4	22	1	4		C-16052
1969	T	PROD & GRAV	1	0	92	700	2	0	6	109	3	36		C-15218
1972	T	PROD	1	0	7430	603	4	0	5	62	5	NR		CR10775
1959	T	PROD	1	0	72	2277	2	0	3	353	3	NR		C-5561
1974	U	PROD	1	0	33	145	1	0	4	63	4	22		C-17269
1966	T	PROD	1	0	37	364	6	0	4	450	1	18		C-5387
1960	T	PROD	1	0	101	1674	1	0	1	85	1	81		C-3272
NR	T	PROD	3	0	433	3500	12	0	34	NR	34	NR		C-7208 C-3421
1977		NR	1	0	150	225	2	0	6	14	NR	NR		CR-5774
1965	U	PROD	1	0	113	924	1	0	2	185	2	88		C-12012
1975	U	PROD	1	0	NR	NR	7	0	10	NR	NR	NR		C-17845
1966	U	PROD	2	0	113	3825	3	0	3	NR	3	74		C-8476
1973	U	PROD	2	0	160	836	7	0	8	108	2	26		C-17067
1961	U	PROD	1	0	77	634	2	0	2	165	2	17		C-8604
1971	U	PROD & DAK	2	0	55	946	2	0	2	NR	2	46		C-15942

OPERATOR LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH -----	THK ---	GRAV ---
BARTON COUNTY *****							
FT. ZARAH FIELD -----							
LADD PETROLEUM 30-19S12W	C-17199	HARRIS A	W	LKC	3128	70	43.0
W.L. HARTMAN 30,31-19S12W	C-17192	KOHLER	W	LKC	3118	240	36.5
W.L. HARTMAN 30-19S12W	C-11427	HARRIS	W	LKC	3139	60	40.0
GREAT BEND AIRPORT FIELD -----							
PETROLEUM MANAGEMENT 26-19S14W	C-5366	GREAT BEND AIRPORT	W	LKC	3188	240	NR
HALL-GURNEY FIELD -----							
NCRA 32-15S12W 5,6-16S12W	C-14582	NW BEAVER UNIT	W	LAN&TOP	2835	15	NR
HAMMEKE WEST FIELD -----							
NADEL & GUSMAN 18-19S11W	C-8335	HAMMEKE	W	LKC	3142	10	38.0
HAMMER FIELD -----							
LADD PETROLEUM 35,36-16S12W	C-9812	HAMMER WF	W	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 CORP 30-20S13W	C-12894	MCGREEVEY	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	MCGREEVEY	P	LKC	3214	40	39.0
KIMPLER FIELD -----							
ICER ADDIS 31-18S11W	C-13046	KIMPLER WF	W	LKC	3150	5	41.0
KNOP FIELD -----							
ENERGY RESERVES 9-19S12W	C-16524	KNOP WFS	W	LKC	3130	20	39.6
KRAFT-PRUSA FIELD -----							
COLORADO OIL & GAS 29-16S11W	C-9560	ESFELD	D	DOUG	2960	15	36.0
FOUR-WAY OPERATING 17-16S11W	C-11520	NEY	W	LANS	3006	304	33.0

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)			
					1978 CUM				1978 CUM		1978 CUM			
1974	T	PROD	1	0	70	351	2	0	3	173	0	0		C-17199
1974	T	PROD	1	0	247	1129	4	0	5	16	1	2		C-17192
1964	M	WAT SD	1	0	19	320	2	0	2	43	1	22		C-11427
1957		NR	1	0	60	1561	2	0	1	63	1	62		C-5366
1968	T	PROD&DAK	6	0	804	8343	16	0	35	608	24	317		C-14582
1961	U	PROD	1	0	11	474	2	0	3	NR	1	67		C-8335
1963	F	FR	0	0	0	3836	10	0	9	350	9	333		C-9812
1959	U	PROD	1	0	17	547	2	0	1	110	1	26		C-6983
1966	U	PROD	1	0	10	101	3	0	3	218	1	1		C-12894
NR	T	PROD	1	0	45	NR	2	0	2	NR	NR	NR		C-5970
1971	U	PROD	1	0	108	796	2	0	2	18	1	10		C-13421
1961	T	PROD	0	0	0	537	0	0	1	10	NR	NR		C-13046
1971	U	PROD & DAK	2	0	207	1442	5	0	7	632	7	128		C-16524
1963	U	PROD	1	0	11	1992	4	0	4	1285	NR	NR	9	C-9560
1965	U	PROD & ARB	1	0	18	263	1	0	2	180	2	17		C-11520

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV -----			
BARTON COUNTY *****							
KRAFT-PRUSA FIELD -----							
GETTY OIL 30-16S11W	C-13453	E.F. ESFELD	W	DOUBLAN	2965	15	40.0
GULF 29-16S11W	C-12275	JOSEPH	W	DOUG	2995	UNK	40.1
HAZEN OIL 22-16S12W	C-11293	MORGAN "B"	W	KC	3105	4	38.0
NCRA 24-16S12W	C-9163	DOLECHEK ESTATE	W	GORHAM	3339	20	42.1
PETROLEUM MANAGEMENT 30-16S11W	C-16846	NORTH OESER	W	LKC	3057	NR	NR
SAMSON RESOURCES 36-16S11W	C-12991	KRIER	W	DOUG	2980	8	36.0
TENNECO 22-16S12W	C-15196	JOHN RIEMANN "B"	D	LKC	3108	85	42.9
LANTERMAN FIELD -----							
LARIO OIL & GAS 15-19S11W	C-13853	REHME	P	LKC	3050	2	37.0
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 34-16S14W	CR-5773	POPP	P	LANS	3181	5	39.9
NW CHEYENNE VIEW FIELD -----							
NADEL & GUSSMAN 10-19S12W	C-14846	CHEYENNE VIEW UNIT	W	LKC	3100	15	42.0
PRAIRIE VIEW FIELD -----							
ICER ADDIS 20-19S11W	C-13049	JOHN SCHARTZ WF	W	LKC	3200	150	38.0
PRITCHARD FIELD -----							
PHILLIPS PETROLEUM 36-20S14W	C-7104	WEST HISS LKCU	W	LKC	3350	50	40.0
TEXACO 34-35-20S14W	C-18207	TAYLOR ETAL	W	LANS	3450	40	33.6
PUTMAN WEST FIELD -----							
MURFIN DRILLING 12-17S14W	C-17155	WILLIAMS WF	W	LKC	3214	30	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)		
					1978	CUM			1978	CUM	1978	CUM		
1967	T	PROD	1	0	215	2747	3	0	8	631	8	138		C-13453
1966	U	PROD	1	0	85	2409	7	0	3	255	3	55		C-12275
1972	U	PROD	1	0	200	1200	3	0	3	18	NR	NR		C-11293
1962	M	PROD & CHEY	1	0	66	1906	3	0	5	185	5	96		C-11293 C-9163
1972	U	PROD	1	0	65	409	7	0	20	1140	20	1076		C-16846
1966	T	PROD	1	0	134	2398	5	0	6	812	4	92		C-12991
1969	U	PROD	0	0	NR	880	0	0	NR	209	NR	NR		C-15196
1967	U	PROD	1	0	95	1156	2	0	2	41	2	41		C-13853
1969	T	PROD	1	0	41	1274	2	0	3	52	3	36		C-14882
1974	T	PROD	1	0	119	846	2	0	3	307	1	13		C-17144
1964	U	PROD	1	0	7	293	1	0	1	15	NR	NR		C-11059
1977	U	PROD	1	0	7	16	1	0	2	NR	2	5		CR-5773
1969	M	PROD&SHFR	0	0	0	1090	0	0	0	NR	0	63		C-14846
1956	M	PROD & FR	1	0	165	2396	4	0	5	66	4	52		C-13049
1959	M	PROD & FR	2	0	552	7514	4	0	7	1154	6	183		C-7104
1976	M	PROD & FR	5	0	692	1501	5	0	45	77	33	53		C-18207
1973	M	PROD & DAK	1	0	147	565	3	0	4	66	4	30		C-17155

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH -----	THK ---	GRAV ---
BARTON COUNTY =====							
ROESLER FIELD -----							
NADEL & GUSSMAN 15-18S11W	C-13249	BIEBERLE	W	KC	3025	10	45.0
ROESLER WEST FIELD -----							
ENERGY RESERVES 15-18S11W	C-16593	KAISER WFS	W	LKC	3025	225	42.3
ROLLING GREEN EAST FIELD -----							
PAULINE BYARS OIL 31-20S12W	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
PHILLIPS PETROLEUM 28-20S13W	C-13215	PURSEL	W	LKC	3300	15	30.0
SHENANDOAH OIL 27,28-20S13W	C-9838	SANDROCK UNIT	W	LKC	3400	20	30.0
SCHENK FIELD -----							
ENERGY RESERVES 29-17S14W	C-18613	SCHENK WF	W	LKC	3149	214	36.5
ST. PETER FIELD -----							
SHELLY OIL 32,33-18S11W	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 34-18S11W	C-12861	JOHANNING	W	KC	3060	10	40.0
NADEL & GUSSMAN 3,4-19S11W	C-14055	BIRZER	W	LKC	3100	50	41.0
SUNNY VALLEY FIELD -----							
CARL W. BOXBERGER 18-20S12W	C-18106	BATCHMAN	D	LKC	3177	10	36.0
TRAPP FIELD -----							
COLORADO OIL & GAS 24-16S14W	C-16089	SIEMSEN	D	LKC	3217	14	35.0
JOHN S. MARTIN 15-17S13W	C-14759	OLTAMANNIS	D	LANS	3230	4	38.5
PETROLEUM INC 13,14-16S14W	C-16882	TRAPP UNIT	W	LKC	3130	27	35.5

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)																	
				1978 CUM				1978 CUM		1978 CUM																			
1967	F	SH FR	1	0	21	262	2	0	3	NR	3	35		C-13249															
1972	U	PROD & DAK	3	0	185	1672	5	0	7	368	7	146		C-16593															
1978	U	PROD & ARB	1	0	8	8	1	0	2	96	NR	NR		CR-2789															
1969	T	PROD	1	0	15	122	2	0	5	38	5	38		C-15193															
1966	U	PROD	1	0	167	1648	2	0	2	294	NR	28	10	C-12586															
1967	M	PROD & SHFR	2	0	197	2430	0	3	5	377	4	114		C-13215															
1962	M	PROD & TER	2	0	36	1881	4	0	3	NR	3	157		C-6478 C-9838															
1977	U	PROD & ARB	1	0	121	206	3	0	4	15	1	2		C-18613															
1965	T	PROD	1	0	83	20	8	0	19	NR	19	342		C-11630															
1962	U	PROD	4	0	101	4613	6	0	7	373	7	220		C-11909															
1966	M	PROD & SH	3	0	35	1593	5	0	9	NR	9	155		C-12861															
1968	M	PROD & SHFR	3	0	79	1562	2	0	1	NR	1	36		C-14055															
1976	M	PROD & FR	1	0	75	190	1	0	2	32	2	5		C-18106															
1971	U	PROD	1	0	115	1419	2	0	3	443	NR	NR	11	C-16089															
NR	T	PROD	1		80	NR	2		6	NR	6	NR	12	C-14759															
1973	T	PROD & CEDH	1	0	17	138	2	0	3	205	3	26		C-16882															

OPERATOR ----- LOCATION -----	PROJECT MO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
BARTON COUNTY *****							
TRAPP FIELD -----							
SAMSON RESOURCES 02-16S14W	C-11517	SCHNEIDER "C" WF	W	LANS	3082	UNK	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 -----							
CITGO 17-16S14W	C-15821	EVELEIGH "C"	D	LKC	3188	12	37.6
WORKMAN FIELD -----							
GULF 14-20S12W	C-11972	BUCKBEE	W	ARB	3373	28	39.0
WORKMAN NORTH FIELD -----							
PETROLEUM INC 16-20S12W	C-15842	MULME G-1	P	LKC	3160	52	40.4
WORKMAN NORTHWEST FIELD -----							
MURFIN DRILLING 15-20S12W	C-17247	BUCKBEE-MULME	P	ARB	3370	51	38.0
BARTON-RICE COUNTIES *****							
MARY IDA FIELD -----							
SONIO NAT RESOURCES 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	3267	206	34.0
BOURBON COUNTY *****							
BRONSON-XENIA FIELD -----							
HILLENBURG OIL 6-24 S22E	CR10781	FOOSE	W	BARTL	710	16	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)		
				1978	CUM			1978	CUM	1978	CUM			
1965	U	PROD	1	0	18	429	4	1	1	923	2	11		C-11517
1973	M	PROD & DAK	1	0	141	695	5	0	3	30	NR	NR		C-16787
1976	U	PROD	1	0	16	56	1	0	1	151	1	1		C-18247
1970	U	PROD	1	0	24	187	1	0	6	288	NR	NR		C-15821
1965	U	PROD	1	0	4	91	1	0	1	52	NR	NR	13	C-11972
1971	T	PROD	1	0	108	673	5	0	11	591	11	107		C-15842
1974	T	PROD	1	0	11	158	5	0	7	256	4	NR		C-17247
1962	M	PROD & FR	7	0	499	10337	9	0	37	1051	37	887		C-9151
1963	T	PROD	2	0	166	3218	5	0	11	384	1	288		C-10131
1967	U	PROD	1	0	36	917	5	0	4	320	1	17	14	C-13810
1978	M	FR	1	1	9	NR	7	3	1	NR	NR	NR		CR10781

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME -----	DEPTH -----	THK ---	GRAV ---
BOURBON COUNTY =====							
BRONSON-XENIA FIELD -----							
HILLENBURG OIL 7-24S22E	CR-4785	ERMEL D	W	BARTL	710	6	31.0
HILLENBURG OIL 36-24S21E	C-14503	HUMPHREY	W	BARTL	661	18	30.0
HILLENBURG OIL 12,13-25S21E	C-12914	WOODWARD A	W	BARTL	661	18	31.0
T.E. BIRD 25-24S21E	C-14355	COLLINS UNIT	W	CATTLE	610	16	32.0
HEPLER FIELD -----							
WALTER DUCAN OIL 24-27S21E 19-27S22E	C-8780	HEPLER	W	BAR&TUC	675	29	26.0
BUTLER COUNTY =====							
AUGUSTA FIELD -----							
CITGO 35-27S 4E	C-9719	SKAER-STARKEY	W	KC	2030	5	36.0
CITGO 2-28S 4E	C-17901	AUGUSTA UNIT SIMPSON	W	SIMP	2568	11	UNK
CITGO 2,10,11,14,15-28S 4E	C-10415	AUGUSTA UNIT	W	KC	2050	6	36.0
DAVID FARMS 12-28S 4E	C-15786	BOHANNON & LEE-PRICE	W	KC	2200	20	NR
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
AUGUSTA NORTH FIELD -----							
JIMMY RAZOOK 10-27S 4E	C-2187	RAZOOK	P	LANS	1800	5	38.0
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
BLANKENSHIP FIELD -----							
HANK MARTELL OIL 17-26S 8E	CR-6784	DUNNE A	P	BARTL	2600	21	38.0
HANK MARTELL OIL 9-26S 8E	C-2672	DUNNE	P	BARTL	2400	20	35.0

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)		
					1978	CUM			1978	CUM	1978	CUM		
1978	M	FR	1	1	56	NR	6	1	1	NR	NR	NR		CR-4785
1966	T	MISS	10	2	329	NR	24	3	17	NR	17	NR		C-14503
1966	T	MISS	12	1	529	NR	24	7	16	NR	16	NR		C-12914
1968		NR	0	0	0	923	6	0	1	78	NR	NR		C-14355 C-14061
1961	U	PROD & MISS	36	0	153	4784	35	0	4	484	NR	NR		C-8780
1962	U	PROD & ARB	12	0	1182	18739	10	0	14	728	14	726		C-9719
1974	U	PROD	1	0	72	323	3	0	4	250	2	6		C-17901
1963	T	PROD	17		1791	32404	18		22	3014	22	1084		C-10415
1963	T	PROD	1	0	119	NR	5	0	3	NR	NR	NR		C-15786
1965	U	PROD	4	0	172	4825	7	0	5	146	5	NR		C-12240
1971	U	PROD	2	0	418	1303	3	0	4	19	4	NR		C-16242
1978	U	PROD	2	0	51	51	2	0	0	0	0	0		C-2187
1941	U	PROD	1	0	400	NR	4	0	5	1004	5	145		C-2120
1976	U	PROD	1	0	1	1	1	0	1	1	NR	NR		C-18550
1970	T	PROD	3	0	90	1096	8	0	6	1018	6	88		C-15390
1978	T	PROD	2	0	219	219	2	0	4	4	NR	NR		CR-6784
NR	T	PROD	2	0	18	169	2	0	2	NR	NR	NR		C-2672

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
BUTLER COUNTY *****							
BRANDT-SENSENBACH 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 -----							
CITGO 22-25S 5E	C-6351	CHESNEY KANSAS CITY	W	KC	1900	32	36.0
CITGO 1,2,11,12-26S 4E	C-7869	ENYART L-KC	W	LKC	2000	22	36.0
CITGO 32-25S 5E 4-26S 5E	C-6888	FINNEY SIMPSON	W	SIMP	2460	27	34.5
CITGO 28,29,32,33-25S 5E	C-9803	STOKES KANSAS CITY	W	KC	2000	20	36.0
CITGO 21-25S 5E	C-6351	CHESNEY-HEGBERG MP	W	ADM	650	20	37.0
CITGO 28-25S 5E	C-6351	CHESNEY WHITE CLOUD	W	WHT CLD	860	10	35.0
CITGO 17-26S 5E	C-16163	EMPIRE LANSING	W	LANS	1700	20	36.1
CITGO 29,32-25S 5E	C-13973	STAPLETON SIMPSON	W	SIMP	2440	19	36.0
DUNNE EQUITIES INC 29,30,32-26S 5E 25-26S 4E	C-3016	M.A. KOOGLER	D	SIM&VIO	2400	40	33.9
GEAR PETROLEUM 5-26S 5E	C-2551	PAGE	W	SIMP	3000	10	36.0
GULF 11-26S 4E	C-4830	A.J. SHUMWAY	W	KC	1975	UNK	33.5
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
R.R. ABDERHALDEN 25-25S 4E	C-4575	MITCHELL	P	EL DOR	700	20	35.0
RAMSEY ET AL 6-26S 5E	C-12221	RAMSEY, ET AL	W	WHT CLD	760	10	36.0
SACO OIL 3-25S 5E	C-7484	BELTON	P	PERU	2130	14	34.0
SOUTHERN STATES OIL 32-26S 5E	C-7096	W.E. BROWN	P	VIOLA	2692	12	31.0
SOUTHERN STATES OIL 4-26S 5E	C-17692	COOK	P	VIOLA	2611	18	34.0
SOUTHERN STATES OIL 27-25S 5E	C-8386	MILLS	P	ELD-KC	2500	NR	35.0

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH -----	THK ---	GRAV ---
BUTLER COUNTY *****							
EL DORADO FIELD -----							
STELBAR OIL CORP 2-25S 5E	C-3454	STONE	W	PERU	2150	20	35.0
WHITE & ELLIS DRG 7-25S 5E	C-4099	WILSON	D	MISS	2560	15	40.0
WILSON PRODUCTION 17-25S 5E	C-16481	WILSON-HAWKINS	P	MISS	2500	35	43.0
ELBING FIELD -----							
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 -----							
CITGO 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 -----							
MISCO UNITED SUPPLY 35,36-28S 5E 1,2,11,12,13-29S 5E 18-29S 6E	C-1909	FOX-BUSH	W	BARTL	2800	30	NR
SANTA ROBIN OIL 25-29S 5E	C-18231	SANTA ROBIN	D	BARTL	2750	40	40.0
SOUTHERN STATES OIL 25-29S 5E	C-1650	BROWN (NORTH)	P	BARTL	2750	45	39.0
TOMLINSON OIL 25,27-28S 5E	C-5496	SPEER AND BUNNELL	D	BARTL	2790	25	37.8
HARLAN FIELD -----							
E.H. ADAIR OIL 26,35-23S 4E	C-10457	HARVEY	P	KC	2140	7	32.0
HAVERHILL FIELD -----							
JIMMY RAZOOK 27-27S 5E	CR-7783	JENKINSON	D	BARTL	2750	10	42.0
HAZLETT FIELD -----							
K.T. WIEDEMAN TRUST 31-23S 5E	C-16357	CLEARWATER UNIT	W	MISS	2459	24	40.0
RANGE OIL 5-25S 5E	C-16646	SOMMERS	P	CONGL	2375	10	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 OR	(MMCF)	MB OR	(MMCF)			
						1978	CUM			1978	CUM	1978	CUM		
1951	T	PROD	1	0	127	1780	1	0	27	452	27	NR		C-3654	
1954	U	PROD	NR	0	22	2016	NR	1	7	NR	NR	NR		C-4099	
1972	U	PROD	1	0	180	1403	12	2	12	1032	13	516	15	C-16481	
1959	U	PROD & HUNT	1	0	110	1968	4	0	3	NR	1	NR		C-7145	
1960		NR	0	0	0	2083	5	0	4	NR	NR	NR		C-8005	
1967	M	PROD & FR	1	0	80	703	3	0	4	NR	2	NR		C-13622	
1975	U	PROD	2	0	170	454	2	0	10	318	7	20		C-17950	
1973	T	PROD	1	0	33	77	2	0	1	175	NR	NR		C-16942	
1955	T	PROD	5	0	700	NR	10	0	16	NR	NR	NR		C-5287	
NR	T	PROD	6	0	558	NR	11	0	9	NR	9	NR		C-1909	
1976	T	PROD	2	0	70	470	5	0	6	40	NR	NR		C-18231	
1959	T	PROD	1	0	128	1734	2	0	2	114	2	114		C-1650	
1957	U	PROD	1	0	237	9730	2	0	2	517	2	107		C-5496	
1963	U	PROD	1	0	5	186	4	0	3	91	1	21		C-10457	
1978	U	PROD	2	2	90	90	3	3	4	4	1	1		CR-7783	
1971	T	PROD	2	0	205	2119	22	0	15	166	NR	NR		C-16357	
1972	U	PROD	1	0	16	NR	1	0	3	36	1	9		C-16646	

OPERATOR LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
BUTLER COUNTY *****							
HAZLETT FIELD -----							
REX & MORRIS DRLG 29-23S 5E	C-17052	FANNIE D	W	MISS	2450	25	41.0
KEIGHLEY FIELD -----							
LEE PHILLIPS OIL 30,31-26S 8E	C-16166	KEIGHLEY NE FLOOD UNIT	P	BARTL	2700	42	37.0
KEIGHLEY NORTHEAST FIELD -----							
DICK HESS 31-26S 8E	C-17561	KEIGHLEY NORTHEAST	D	BARTL	2670	50	38.0
KRAMER-STERN FIELD -----							
DUNNE EQUITIES INC 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	D	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
MUDDY CREEK FIELD -----							
R.R. ABDERHALDEN 13-29S 4E	C-6426	S MUDDY CREEK WF	W	BARTL	2880	28	38.0
R.R. ABDERHALDEN 7-29S 5E	C-6853	N MUDDY CREEK WF	W	BARTL	2730	13	36.0
TOMLINSON OIL 6-29S 5E	C-6099	STEWART A	W	BARTL	2700	9	38.4
NEIGHLEY FIELD -----							
MUSGROVE PRODUCING 12-27S 7E	C-4656	WORRELL	D	BARTL	2750	30	39.0
MUSGROVE PRODUCING 12-27S 7E	C-15656	BARNHILL	D	BARTL	2750	20	39.0
PARSLEY NORTHWEST FIELD -----							
KRM PETROLEUM 33-25S 3E	CR-5783	CLEARWATER	D	MISS	2728	14	43.4
PAULSON FIELD -----							
AM PETROFINA TEXAS 13,23,24-23S 3E	C-11990	PAULSON WF STA. 1	P	MISS	2460	28	41.0

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 OR	(MMCF)	MB OR	(MMCF)	NO
					1978	CUM			1978	CUM	1978	CUM	
1973	U	PROD	1	0	76	NR	2	0	2	128	0	0	C-17052
1971	U	PROD & DOUG	6	0	279	3595	11	0	27	914	NR	NR	C-16166
1975	T	PROD	2	0	18	64	3	0	3	40	3	18	C-17561
NR	U	PROD	2	0	365	NR	5	3	13	NR	NR	NR	370505
1966	U	PROD	3	0	247	1206	10	0	14	236	14	NR	C-13408
1971	U	PROD & MISS	1	0	277	1479	14	0	7	430	3	19	C-16178
1974	U	PROD	1	0	NR	NR	5	0	9	NR	9	NR	C-17260
1959	U	PROD	6	0	1770	30273	15	0	28	1083	28	1083	C-8301
1952	U	PROD	1	0	123	1208	1	0	3	115	0	0	C-6986 C-3074 C-976 C-3218
1960	U	PROD	1	0	280	NR	5	1	7	NR	NR	NR	C-17267
1968	U	PROD	1	0	73	803	2	0	2	15	2	NR	C-13911
1962	T	PROD & DOUG	1	0	15	1482	2	0	2	94	2	94	C-6426
1963	T	PROD & DOUG	2	0	38	620	3	0	3	88	3	88	C-6853
1958	T	PROD & DOUG	1	0	37	586	1	0	2	122	2	62	C-6099
1960	U	PROD	1	0	15	NR	2	0	1	1	NR	NR	C-4656
1965	U	PROD	1	0	4	NR	1	0	1	NR	0	0	C-15654
1978	U	PROD	1	0	27	27	8	0	19	287	0	0	CR-5783
1965	U	PROD	5	0	732	6096	20	0	25	990	25	NR	C-11990

OPERATOR LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
BUTLER COUNTY *****							
PAULSON FIELD -----							
AM PETROFINA TEXAS 25-23S 3E	C-13254	PAULSON WF STA. 2	P	MISS	2460	28	39.9
I.O. MILLER INC 13-23S 3E	C-16335	HINZ	D	MISS	2464	19	NR
PIERCE FIELD -----							
BAKER OIL 33-25S 4E	C-15596	JONES	D	MISS	2525	40	NR
WHITE & ELLIS DRLG 21-25S 4E	C-16947	ALBERS	D	MISS	2550	10	40.0
POTWIN FIELD -----							
AINSWORTH OIL 2-25S 3E	CR-7772	QUINN	D	MISS	2720	10	42.0
KANSAS PETROLEUM 35,36-24S 3E	C-17323	POTWIN-MOORE	P	MISS	2750	10	42.5
LAW PRODUCTION 2-25S 3E	C-18194	POTWIN UNIT	W	MISS	2671	9	42.0
R.J. WIXON DRILLING 3,10,11-25S 3E	C-8608	ULMER ET AL	D	MISS	2650	12	40.0
REX & MORRIS DRLG 31,32-24S 4E	C-11095	MAXWELL	D	MISS	2670	9	43.0
REYNOLDS-SCHAFFER FIELD -----							
AM PETROFINA TEXAS 33-26S 6E	C-9368	BREWER	D	MISS	2784	12	34.0
MURFIN DRILLING 33,34-26S 6E	C-17763	REYNOLDS-SHAFFER WF	W	MISS	2794	21	35.0
YUMA OIL 6-27S 6E	C-4039	DOUGHTY & PALMER	D	BARTL	2700	10	NR
ROSALIA FIELD -----							
CONOCO 11-25S 7E	C-12310	ROSALIA	P	SQUIR	2560	30	40.0
DIANNE MCCARTHY OIL 11,12-25S 7E	C-12310	ROSALIA	P	SQUIR	2550	30	38.0
SALLYARDS FIELD -----							
OKMAR OIL 20-26S 8E	C-4169	DRUMM-BITLER	W	BARTL	2660	25	36.0
SHINN FIELD -----							
K.T. WIEDEMANN TRUST 19-29S 8E	C-10166	SHINN WATERFLOOD	W	MISS	2760	16	39.0
SMOCK-SLUSS FIELD -----							
BISAGNO ET AL 35-26S 5E	C-2096	BISAGNO	D	BARTL	2700	40	37.9

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)			
						1978	CUM			1978	CUM	1978	CUM		
1967	U	PROD	1	0	110	4317	2	0	1	46	1	45		C-13254	
1971	U	PROD	1	0	90	560	9	0	8	260	3	35		C-16335	
1970	U	PROD	1	0	5	89	2	0	3	37	NR	NR		C-15596	
1973	T	PROD	NR	0	7	40	NR	0	5	252	NR	NR		C-16947	
1977	U	PROD	1	0	54	81	1	0	6	13	NR	NR		CR-7772	
1974	U	PROD & MISS	1	0	193	1037	8	0	10	51	NR	NR		C-17323 C-11186	
NR	U	PROD	1	0	29	NR	2	0	1	NR	NR	NR	16	C-18194	
1961	T	PROD	1	0	36	NR	2	0	NR	NR	NR	NR		C-8608 C-8391	
1964	U	PROD	2	0	165	1045	11	0	6	NR	3	NR		C-11095	
1962	T	PROD	1	0	38	440	5	0	3	128	3	32		C-9368	
1975	T	PROD	1	0	175	697	12	0	10	593	5	13		C-17763	
1951	U	PROD	1	0	18	NR	3	0	5	NR	5	NR		C-4039	
1965	U	PROD	1	0	100	597	5	0	NR	NR	NR	NR		C-12310 C-12229	
1965	T	PROD	1	0	1000	10000	6	0	8	266	8	16		C-12310	
1954	U	PROD	1	0	153	989	5	0	2	130	2	25		C-4169	
1963	T	PROD	6	0	798	9417	13	0	22	403	NR	NR		C-10166	
1955	T	PROD	3	0	108	15591	4	0	9	107	8	NR		C-2096	

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV -----			
BUTLER COUNTY *****							
SMOCK-SLUSS FIELD -----							
J.E. MORRIS ETAL 11-27S 5E	C-13206	KNUTSON	D	BARTL	2700	30	39.0
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-17966	WOODS	D	PERU	2480	20	36.0
TOWANDA FIELD -----							
GULF 5-26S 4E	C-6580	RICE-WAIT	W	VIOLA	2445	30	38.0
WHITEWATER EAST FIELD -----							
WHITE & ELLIS DRLG 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	NR
YOUNG FIELD -----							
DUNNE EQUITIES INC 27-26S 7E	C-1318	WILLHITE	D	KC	2108	28	32.2
LEBEN OIL 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
REX & MORRIS DRLG 20,29-26S 7E	C-5932	GUENTHER	D	MISS	2750	20	33.0
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 CORP 36-29S 5E 1-30S 5E 31-29S 6E	C-5547	BROWN & SHAWVER	W	BARTL	2800	30	38.0
ROCK NORTHEAST FIELD -----							
STELBAR OIL CORP 6-30S 5E 29,31,32-29S 5E	C-9773	ROCK NORTHEAST	W	BARTL	2832	18	37.0

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)			
						1978	CUM			1978	CUM	1978			CUM
1967	U	PROD	1	0	26	1006	3	0	6	147	3	14		C-13206	
1960	U	PROD	2	0	82	4087	7	0	2	230	1	115		C-3430	
1975	T	PROD	1	0	36	171	4	0	6	28	2	NR		C-17966	
1954	U	PROD	2	0	707	18216	8	0	12	4311	0	0	17	C-6580 C-4029	
1972	T	PROD	NR	0	9	61	NR	0	2	136	NR	NR		C-16406	
1970	T	PROD	1	0	47	802	5	0	4	125	0	0		C-15546	
1976	T	PROD	3	0	303	877	6	0	13	20	13	20		C-17962	
NR	U	PROD	1	0	55	NR	3	0	2	NR	NR	NR		C-1318	
1957	U	PROD & SQUI	NR	NR	NR	NR	1	0	1	NR	NR	NR	18	C-13616	
1952	U	PROD & MISS	4	0	578	5087	9	0	15	119	14	207		C-3258	
1957	U	PROD & SQUI	1	0	297	NR	11	2	8	NR	4	NR		C-5932	
1966		PROD	1	0	165	NR	5	0	9	NR	NR	NR		C-12982	
1957	T	PROD	1	0	16	991	3	0	2	148	2	NR		C-5547	
1977	U	PROD & STAL	3	0	226	471	8	0	13	301	13	15		C-9773	

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV -----			
BUTLER-MARION COUNTIES *****							
ELBING FIELD -----							
BAYES OIL 33-22S 4E	C-6185	BAYES OIL	D	KC	2060	40	31.0
CHASE COUNTY *****							
TETER-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
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
HALE-INGE FIELD -----							
LAYTON OIL 18,19-32S13E	C-10774	HALE FLOOD	W	WISNER	1130	12	33.0
LANDON-FLOYD FIELD -----							
PATTESON BROS INC 14,23-32S10E	C-0972	PATTESON BROS INC	D	MISS	1950	8	30.0
LENITON FIELD -----							
CHARLES J. MARTIN 21,28-33S10E	C-6721	STAATS CHAUTAUQUA	W	PERU	1300	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)																	
						1978	CUM			1978	CUM	1978			CUM														
1956	U	PROD	2	0	6	NR	3	0	2	NR	1	NR	C-6185																
NR	U	PROD	2	0	471	NR	3	0	19	NR	NR	NR	C-16856																
1939		PROD	2	0	40	2065	10	0	12	505	4	214	C-519																
1975	U	PROD	1	0	50	115	5	2	9	659	6	NR	C-17641																
1968	F	SH FR	4	0	203	3038	14	0	11	875	11	NR	C-14002																
NR	U	PROD	5	0	81	718	35	0	14	147	14	147	C-465																
NR	U	PROD	3	0	20	2981	13	0	3	735	3	442	C-469																
1974	T	PROD	0	0	0	257	1	0	1	4	1	4	C-10774																
1962	U	PROD	2	0	340	1750	4	0	6	NR	6	346	C-9072																
NR	U	PROD	1	0	10	NR	4	0	1	NR	NR	NR	C-6721																

OPERATOR LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE			
				NAME	DEPTH	THK	GRAV
CHAUTAUQUA COUNTY *****							
LENITON FIELD -----							
JOHN M. DENMAN OIL 17-33S10E	C-5161	R.L. MENDENHALL	P	PERU	1040	50	31.0
LOWE FIELD -----							
JOHN M. DENMAN OIL 20-33S10E	C-4746	LOWE UNIT	D	PERU	1440	25	32.0
NIOTAZE FIELD -----							
STEINBEYER BROS 5,6-35S13E	C-2207	HYDER FIELD	W	REDD	700	15	34.5
OLIVER FIELD -----							
E.H. ADAIR OIL 2-32S10E	C-11863	MCNEE	P	MISS	2000	6	29.0
PERU-SEDAN FIELD -----							
B & M OIL 27-34S12E	C-3221	MCMILLAN	W	PERU	1100	15	34.5
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	W	PERU	924	13	32.3
DORIC PET INC 9-34S12E	C-16970	STAFFORD	P	PERU	1027	35	34.0
DORIC PET INC 15,22-34S12E	C-16972	DEARMAN ETAL	P	PERU	984	20	34.0
DORIC PET INC 20,29-34S12E	C-16971	BOWON ETAL	P	PERU	1055	15	34.0
DORIC PET INC 28-34S12E	C-16973	BROOKS-HILL	P	PERU	1020	19	34.0
DORIC PET INC 24-34S11E	C-16974	NEFF ETAL	P	PERU	1055	15	34.0
EDDIE & DWIGHT KEEN 17,20-33S12E	C-18248	RAY HARDY	P	PERU	950	30	30.0
FARRIS 11-34S12E	C-18386	FARRIS	W	PERU	1000	7	22.0
FARRIS & LOYD 26-34S11E	C-14682	PARKER	W	REDD	978	9	37.0
FARRIS & LOYD 26-34S11E	C-4134	LOGSDEN	W	PERU	1150	NR	34.0
H.E. BOOTS 5-34S12E	C-6342	ALFORD		PERU	NR	NR	NR
JOHN M. DENMAN OIL 25,26-34S11E	C-468	LEMMON-BECK	D	PERU	1125	50	34.0
JOHN M. DENMAN OIL 27,34-33S12E	C-467	MORTON-RILEY	D	PERU	990	30	34.0
JOHN M. DENMAN OIL 33-33S11E	C-1029	CASEMENT	P	PERU	NR	16	32.0
5-34S11E							

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)			
					1978 CUM				1978 CUM		1978 CUM			
NR	U	PROD	2	0	32 1442		26	0	5 345		5 345			C-5161
NR	U	PROD	1	0	21 189		13	0	3 25		3 25			C-4746
1941	U	PROD	11	0	25 570		21	0	5 NR		5 145			C-2207
1965	U	PROD	1	0	NR NR		1	0	1 18		0 0			C-11863
1952	U	PROD	1	0	7 NR		12	0	3 493		NR NR	19		C-3221
NR	U	PROD	1	0	4 NR		3	0	1 NR		NR NR			C-289
1953	U	PROD	2		2 NR		5		2 NR		1 NR			360128
1976	T	PROD	1	0	10 NR		NR	NR	3 NR		3 NR			C-18364
1955	U	PROD & SMS	3	0	31 1210		8	0	2 171		2 171			C-16970
1955	U	PROD & SMS	3	0	44 2491		16	0	6 602		NR NR			C-16972
1965	U	PROD & SMS	5	0	89 590		20	0	17 164		NR NR			C-16971
1955	U	PROD & SMS	3	0	23 1532		8	0	5 210		NR NR			C-16973
1966	U	PROD & SMS	7	0	88 1243		27	0	11 329		NR NR			C-16974
1976	U	PROD	1	0	21 52		5	0	1 NR		1 NR			C-18248
1976	U	PROD	1	0	4 5		3	0	1 1		NR NR			C-18386
NR	U	PROD	1	0	7 117		3	0	1 18		NR NR			C-14682
1967		PROD	1	0	18 218		10	0	1 25		NR NR			C-4134
NR		NR	2	0	70 NR		8	0	5 NR		NR NR			C-6342
NR	U	PROD	8	0	72 834		32	1	12 175		12 175			C-468
NR	U	PROD	1	0	16 183		9	1	3 39		3 39			C-467
1955	U	PROD & SMS	4	0	18 2760		11	2	3 340		3 340			C-1329

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH -----	THK ---	GRAV ---
CHAUTAUQUA COUNTY *****							
PERU-SEDAN FIELD -----							
JOHN M. DENMAN OIL 15,16-34S11E	C-463	ALBRIGHT	D	PERU	1165	40	35.0
JOHN M. DENMAN OIL 3-34S11E 31-33S12E 6-34S12E	C-388	PERU FARM	P	PERU	980	38	33.0
JOHN M. DENMAN OIL 27,34-34S11E	C-17031	BOWMAN UNIT	D	PERU	1220	40	35.0
JOHN M. DENMAN OIL 18,19-34S12E	C-17033	HARTZELL-RODGERS	P	PERU	1000	16	34.0
JOHN M. DENMAN OIL 10,15,22-34S12E	C-17030	CC POOR FARM	P	PERU	984	20	34.0
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 36-34S11E	C-15	BLUNDELL	P	PERU	1000	36	34.0
JOHN M. DENMAN OIL 14,15,21,22,23-33S11E 14,15, 26,27-33S11E	C-1473	GREGG	P	PERU	1224	33	34.0
KEENY-LANDES 27-34S11E	C-15130	MURRY	D	PERU	1294	10	34.0
KEENY-LANDES 33-33S11E	CR-9791	GRIFFITH	D	PERU	1140	15	34.0
LIBERTY HILL OIL 15,16,21-34S11E	CR-8772	LARAWAY	P	PERU	1250	28	31.0
LIBERTY HILL OIL 33-34 11E	C-17888	MACFARLANE-DELONG	P	PERU	1120	20	34.0
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
NUNNELEY & POWELL 4-34S12E	C-556	KIMBALL	D	PERU	1050	18	34.0
NUNNELEY & POWELL 34-34S12E	C-6170	CHANCE-BLOUNT	P	PERU	1035	16	33.0
NUNNELEY & POWELL 8-34S12E	C-5477	STAFFORD	P	PERU	1050	20	34.0
NUNNELEY & POWELL 3-35S12E	C-6132	BIG TURNER	D	PERU	1000	10	33.0
PETROLEUM ENTERPRISE 22-34S12E	C-6320	HILLS	P	PERU	1000	15	34.0
PETROLEUM ENTERPRISE 27-34S11E	C-14956	HEATH	W	PERU	1130	15	35.0
ROGERS & WILLIAMS 19-33S12E	CR-1784	HARROLD	P	PERU	1000	14	32.0
SHANNON BROS 6,7-35S12E	C-3556	TURNER-JOHNSON	A	PERU	1180	40	35.0
WALTER E. DARNALL 6-35S12E	C-10903	PAULLUS HEIRS	D	PERU	1150	50	35.0
WHITWORTH & FARRIS 15-34S12E	C-4135	COULTER RAYMAN	W	PERU	1150	7	34.0

CHAUTAUQUA-COWLEY COUNTIES

CEDARVALE FIELD

GEMOCO INC 9,15,16-34S 8E	C-18164	W CEDARVALE WF		PAWNEE	2045	22	38.5
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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 OR (MMCF)		MB OR (MMCF)		NO
					1978 CUM				1978 CUM		1978 CUM		
NR	U	PROD	1	0	8 107		7	0	1 23		1 23		C-463
1955	U	PROD&SWS	3	0	36 1216		13	0	6 217		6 217		C-388
NR	U	PROD	3	0	46 381		24	3	8 76		8 76		C-17031
1955	U	PROD & SWS	3	0	7 958		6	0	1 701		1 701		C-17033
1955	U	PROD & SWS	4	0	41 1390		23	0	7 1139		7 1139		C-17030
NR	U	PROD	15	0	110 14428		42	1	18 3547		18 2135		C-462
1955	U	PROD & SWS	1	0	9 249		3	0	1 41		1 41		C-139
NR	U	PROD & SWS	1	0	5 40		4	0	1 6		1 6		C-15
1955	U	PROD & SWS	3	0	21 1803		12	0	3 1761		3 1761		C-1473
1975	U	PROD	1	0	37 NR		3	0	3 3		NR NR		C-15130
1945	U	PROD	1	0	29 NR		6	2	5 NR		5 NR		CR-9791
1977	U	PROD	3	2	55 67		7	2	7 15		0 0		CR-8772
1975	U	PROD & MISS	11	2	460 1082		23	0	34 197		0 0		C-17888
1978	U	PROD	1	0	1 NR		1	0	1 NR		0 0		CR-4789
1977	U	PROD	4	0	80 150		12	4	12 0		12 15		CR-9778
1941	U	PROD	1	0	3 NR		4	1	1 NR		NR NR		C-556
1958	U	PROD	2	0	12 NR		15	0	2 NR		NR NR		C-6170
1957	U	PROD	2	0	40 NR		19	1	7 NR		2 NR		C-5477
NR	U	PROD	1	0	2 NR		3	0	1 NR		NR NR		C-6132
NR	T	PROD	1	0	40 NR		5	0	1 NR		NR NR		C-6320
NR	T	PROD	1	0	27 NR		9	0	2 NR		NR NR		C-14956
1978	U	PROD	1	0	10 10		4	0	3 3		0 0		CR-1784
1953	U	PROD	1	0	4 53		3	0	1 13		1 11		C-3556
1952	U	PROD	1	0	15 NR		2	0	1 NR		NR NR		C-10903
1967	U	PROD	1	0	18 218		10	2	4 43		NR NR		C-4135
1975	T	PROD & WAY	2	0	99 249		4	0	13 150		NR NR		C-18164

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME -----	DEPTH -----	THK ---	GRAV ---
CHEYENNE COUNTY *****							
CHERRY CREEK FIELD -----							
SHAKESPEARE OIL 3,4,9,10,16,21- 3S41W 3,4,9, 22- 3S41W	C-18584	M. ORTH	P	LANS	4669	7	33.0
CLARK COUNTY *****							
HARPER RANCH FIELD -----							
UNION OF CAL 2,11-34S21W	C-6764	HARPER UNIT	W	MORR	5450	9	36.0
COFFEY COUNTY *****							
COFFEYVILLE FIELD -----							
BMG INC 17-35S17E	C-18625	HELLON-CLAUSING	D	ARB	1185	2	25.0
HATCH FIELD -----							
KRAFT OIL 35-21W13E	C-17764	BASHAW-BIRK	D	SIMP	2151	4	26.0
LAST CHANCE FIELD -----							
BRUNSON-SPINES 1-19S14E 6-19S15E	CR-2787	JONES-HUNTER	P	BARTL	1475	NR	37.0
NEOSHO FALLS-LEROY FIELD -----							
BARTLETT HANNEN OIL 35-22S16E	C-11619	RUE-B-LEE NO. 1	D	SQUIR	962	8	36.0
BARTLETT HANNEN OIL 12-23S16E	C-11074	RUE-B-LEE NO 2	D	SQUIR	945	7	36.0
BMG INC 31-22S16E	C-18449	REMER	P	SQUIR	1065	6	31.0
C&C OIL 32-32S16E	C-17175	CLAUS		SQUIR	1015	15	25.0
LANCER OIL ENTER 1-23S16E	C-17568	MEATS	W	SQUIR	964	10	25.0
WINN OIL 21-22S16E	C-18102	WINN	D	SQUIR	900	10	24.0
OTTUMWA FIELD -----							
TEICHGRABER OIL 22-20S14E	C-17356	METZLER	P	MISS	1600	10	35.0
VIRGIL FIELD -----							
FRENCH OIL 16-23S14E	C-5633	PILCHER	P	MISS	1400	NR	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)			
					1978	CUM			1978	CUM	1978	CUM		
1976	U	PROD	1	0	15	51	5	0	15	51	NR	NR		C-18584
1959	U	PROD	1	0	362	5914	5	0	22	1185	NR	NR		C-6764
1977	U	PROD	1	0	1	NR	1	0	0	1	NR	NR		C-18625
1976	T	PROD	1	0	140	286	5	0	15	29	2	NR		C-17764
1978	U	PROD	1	0	87	87	3	1	37	37	NR	NR		CR-2787
1963	T	PROD	2	0	NR	NR	15	0	3	NR	NR	NR		C-11619
1963		PROD	1	0	NR	NR	4	0	1	3	NR	NR		C-11074
NR	U	PROD	1	0	5	NR	1	0	1	1	NR	NR		C-18449
1973	U	NR	1	0	2	NR	4	0	2	NR	NR	NR		C-17175
1974	U	PROD	2	0	4	11	10	0	6	19	NR	NR		C-17568
1975	U	PROD	24	0	0	1	24	0	0	NR	NR	NR		C-18102
1976	U	PROD	1	0	NR	NR	1	0	1	NR	NR	NR		C-17356
1955	T	PROD	1	0	12	432	2	0	1	1	1	46		C-5633

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV -----			
COFFEY COUNTY *****							
VIRGIL FIELD -----							
FRENCH-WINTERSCHIED 14-23S13E	C-5835	OLINGER & OLINGER B	P	MISS	1800	5	36.0
FRENCH-WINTERSCHIED 14-23S13E	C-199	KELLY	P	MISS	NR	6	38.0
WINTERSCHIED FIELD -----							
KRAFT OIL 14-23S14E	C-13052	VASTREZ, SHOTWELE, MCCARTN	W	MISS	1600	15	38.0
KRAFT OIL 14-23S14E	C-13346	SCOTT, WILEY, COCKRAN	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
COMANCHE COUNTY *****							
COLLIER FLATS FIELD -----							
HALLIBURTON OIL 24,26-33S20W	C-17128	COLLIER FLATS UNIT	P	LKC	4744	5	44.0
COWLEY COUNTY *****							
ALBRIGHT FIELD -----							
DECK OIL 2-34S 5E	C-10481	ALBRIGHT	P	MISS	3100	12	39.0
W.D. SHORT 1,2,10,11-34S 5E	C-16740	ALBRIGHT	W	MISS	3100	15	37.0
BERNSDORF FIELD -----							
WMJ COMPANY 33,34-31S 4E 4-32S 4E	C-11121	SONTAG-BERNSDORF	W	BARTL	3050	10	NR
WMJ COMPANY 4-32S 4E	C-11349	BERNSDORF	W	BARTL	3049	10	NR
BOLACK FIELD -----							
R.R. ABBERHALDEN 21-32S 6E	C-9844	BOLACK WF UNIT	W	CATTLE	150	16	37.0
BOX FIELD -----							
K.T. WIEDEMANN TRUST 20,29-30S 7E	C-17807	MELVIN R. STOLP	W	MISS	2854	30	39.0

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)		
					1978	CUM			1978	CUM	1978	CUM		
1960	T	PROD	2	0	37	560	5	0	3	NR	2	64		C-5835
1945	T	PROD	1	0	99	198	9	0	26	NR	20	215		C-202 C-199
1966	U	PROD	1	0	24	142	7	0	3	11	1	3		C-13052
1966	F	PROD	3	0	14	416	7	0	4	19	1	5		C-13346
1952	U	PROD & KC	8	0	44	2083	20	2	8	384	8	NR		C-2863
1973	U	PROD	2	0	36	245	2	0	7	147	7	32		C-17128
1964	U	PROD			73	491	7	0	14	319	5	33		C-10481
1963	U	PROD	2	0	53	520	18	0	16	519	3	NR		C-16740
NR	U	PROD	1	0	4	NR	2	0	1	NR	NR	NR		C-11121
NR	U	PROD	1	0	3	NR	1	0	1	NR	NR	NR		C-11349
1963	T	PROD & MISS	2	0	356	4632	3	0	3	383	3	383		C-9844
1975	T	PROD	1	0	42	279	8	0	6	313	NR	NR		C-17807

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
COWLEY COUNTY *****							
BRANDENBURG FIELD -----							
AYLWARD DRILLING 3-35S 3E	C-16770	BRANDENBURG	W	MISS	3355	15	35.0
BRANSON FIELD -----							
GRALAPP & EVERLY 29,32-32S 7E	C-16081	BRANSON	W	BARTL	2900	20	39.0
BURDEN FIELD -----							
TEXACO 29,32-32S 7E	C-9593	BURDEN UNIT	W	BARTL	2950	30	38.0
19,20,29,30,31-31S 6E							
WILSON DRILLING 17,18-31S 6E	C-16342	KEESEY-BLANCHAT	P	BARTL	2820	80	38.4
COMBS FIELD -----							
TOMLINSON OIL 5-30S 5E	C-4028	COMBS	D	BARTL	2530	9	40.0
COPELAND FIELD -----							
DAWSON-MARKWELL EXPL 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
DEXTER FIELD -----							
WALNUT VALLEY OIL 18-33S 7E	CR-1786	JONES SWD	D	MISS	2760	11	37.0
DILLARD FIELD -----							
REX & MORRIS DRLG 5,7,8-30S 5E	C-11853	GRAHAM	W	BARTL	2875	25	40.0
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 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)			
					1978	CUM			1978	CUM	1978	CUM		
1973	T	PROD	1	0	27	125	3	0	5	141	5	19		C-16770
1970	T	PROD	3	0	35	394			6	285	2	4		C-16081
1963	U	PROD	5	0	511	2876	11	0	25	1392	25	1095		C-9593
1968	T	PROD	2	0	160	1739	15	0	32	359	10	60		C-16342
1954	U	PROD	1	0	47	921	2	0	2	409	2	112		C-4028
1977	T	PROD	1	0	72	90	9	0	14	107	NR	NR		C-18533
1971	U	PROD	1	0	77	1663	3	0	7	167	0	0		C-16632
1960	U	PROD & STAL	2	0	68	189	4	0	2	809	2	NR		C-8007
1972	U	PROD	1	0	50	NR	1	0	1	NR	NR	NR	20	C-16403
1978	T	PROD	1	2	120	NR	8	9	NR	NR	NR	NR		CR-1786
1965	U	PROD	1	0	97	NR	2	0	2	240	NR	NR		C-11853
NR	U	PROD	1	0	50	409	1	0	4	133	3	99		C-13509
1973	T	PROD & LAY	4	1	114	300	10	1	20	106	NR	NR		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	BROOK ETAL	P	COT GR	2136	12	38.2
FROG HOLLOW FIELD -----							
KEITH D. LEAKE 15,21-32S 5E	C-18180	BLOOMFIELD	W	BARTL	3124	25	41.0
PHILLIPS PETROLEUM 17-30S 5E	C-7136	LENA	W	BARTL	3035	25	41.0
FROG HOLLOW EAST FIELD -----							
KEITH D. LEAKE 11,12,14,15-32S 5E	C-14230	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
PRES-LO INC 20-34S 3E	CR-4781	BOOTON	P	BARTL	3380	20	37.0
GIBSON FIELD -----							
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 10,15-33S 3E	C-13495	BRADBURY MILLER WRIGHT	W	MISS	3255	30	41.0
CREST PETROLEUM DEV 1,2-33S 3E	C-15536	CRESS GRAHAM UNIT	W	MISS	3233	26	40.0
CREST PETROLEUM DEV 2-33S 3E	C-16280	NELSON		MISS	3268	30	40.0
CREST PETROLEUM DEV 10-33S 3E	C-16692	WRIGHT B	P	MISS	3251	16	41.0
EARL F. WAKEFIELD 11-33S 3E	C-8938	BOYLES	P	BARTL	3275	15	40.0
HARVEY FIELD -----							
AYLWARD DRILLING 28-34S 3E	C-4843	HARVEY UNIT	D	BARTL	3278	20	37.0
AYLWARD DRILLING 14-24S 3E	C-14142	FUSSELL WF	P	LKC	2839	6	37.0
MCNEISH OIL OPER 15-34S 3E	C-4536	SNYDER	W	BARTL	3270	18	NR
HIGBEE FIELD -----							
LANDERS & MUSGROVE 31-34S 6E	C-16022	HIGBEE-WOODS	P	MISS	3140	20	39.0

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)			
						1978	CUM			1978	CUM	1978			CUM
1961	U	PROD	1	0	128	368	4	0	4	12	NR	NR		C-7841	
1976	U	PROD	1		90	NR	3	0	5	NR	NR	NR	21	C-18180	
1959	U	PROD	1		38	1021	4	0	3	131	3	131		C-7136	
1968	U	PROD	1	0	50	NR	5	0	3	NR	NR	NR	22	C-14230	
1954		PROD	1	0	146	3207	1	0	1	72	1	36		C-3549	
1978	T	PROD	1	0	16	16	3	0	NR	NR	NR	NR		CR-4781	
1959	U	PROD	1	0	1	1395	1	0	1	107	NR	NR		C-4538	
1969	U	PROD & LAY	1	0	13	141	3	0	8	88	8	88		C-15017	
1967	T	PROD & STAL	5	0	105	1803	10	0	10	203	10	203		C-13495	
1970	T	PROD & STAL	6	0	158	1671	16	0	18	169	NR	NR		C-15536	
1971	T	PROD	1	0	34	270	4	0	5	39	NR	NR		C-16280	
1972	T	PROD	1	0	4	87	1	0	5	25	NR	NR		C-16692	
1961	U	PROD	1	0	88	1767	4	0	2	128	1	32		C-8938	
1961	T	PROD	1	0	42	323	1	0	1	50	1	49		C-4843	
1968	T	PROD	1	0	23	313	3	0	4	145	4	36		C-14142	
1955	M	PROD & FR	2	0	4	1132	3	0	2	157	NR	NR		C-4536	
1959	U	PROD	1	0	86	508	1	0	2	50	2	19		C-16022	

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV -----			
COWLEY COUNTY *****							
LFJ FIELD -----							
RANGE OIL 33-22S 5E	C-18569	JARVIS B	P	MISS	3129	15	36.0
MADDIX NORTH FIELD -----							
WHEELER OIL 1,2,11,12,14-33S 5E	C-14558	NORTH MADDIX UNIT	W	MISS	3000	15	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 CORP 30,31-34S 3E	C-17596	JONES	W	BARTL	3395	20	40.0
POSEY FIELD -----							
MORAN OIL 21-33S 4E	C-10928	MURET	D	MISS	3150	10	40.0
RAHN FIELD -----							
LANDERS & MUSGROVE 12,13-34S 5E	C-2844	RAHN	D	BARTL	2900	22	38.0
RANCE ARNOLD 13-34S 5E	C-3427	J. RAHN	D	BARTL	2900	20	36.0
W.D. SHORT 32-33S 6E	C-3386	RAHN UNIT 1	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-6330	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 CORP 11,14,15,16-30S 4E	C-3085	ROCK UNIT	W	CATTLE	2750	20	38.0
STELBAR OIL CORP 2,3,9,10-30S 4E	C-12366	ROCK NORTH	W	CATTLE	2800	20	39.0
ROCK CREEK FIELD -----							
STEVE COWAN 11-30S 4E	C-15895	ROCK UNIT 1	D	BARTL	2705	40	40.0
SCHOOL CREEK FIELD -----							
PETROLEUM ENTERPRISE 10,11-32S 7E	C-6951	BEAMER-MILLER-DAVIS	P	LAY	2140	30	39.0

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)		
					1978	CUM			1978	CUM	1978	CUM		
1976	U	PROD	1	0	11	13	1	0	3	11	NR	NR		C-18569
1969	T	PROD & STAL	4	0	406	3888	18	0	39	1094	35	292		C-14558
1959	M	PROD & FR	11	0	380	NR	11	0	7	NR	7	NR		C-6722 C-5238
1974	U	PROD & STAL	4	0	476	2099	11	0	7	39	0	0		C-17596
1964	U	PROD & STAL	1	0	91	1056	4	0	5	103	NR	NR		C-10928
1952	U	PROD	3	0	151	2875	4	0	6	769	NR	NR		C-2844
1952	U	PROD & ELGI	1	0	86	NR	1	0	2	NR	2	NR		C-3427
1945	U	PROD	1	0	201	NR	1	5	17	1282	8	NR		C-3386
1960	M	PROD & FR	2	0	48	3927	4	0	3	240	NR	NR		C-7468
1952	T	PROD	1	0	62	2340	2	0	3	317	3	317		C-9696 C-3239
1957	U	PROD	1	0	327	5036	1	0	7	360	7	360		C-6330 C-2918
1952	U	PROD	1	0	365	48752	10	0	12	2537	9	2537		C-2999
1951	T	PROD	2	0	96	28986	4	0	9	1302	9	NR		C-3085
1966	T	PROD & STAL	7	0	1307	14089	16	0	48	1585	48	NR		C-12366
NR	U	PROD	1	0	5	NR	1	1	1	NR	1	NR		C-15895
1963	T	PROD	3	0	91	NR	15	1	16	NR	NR	NR		C-6951

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH -----	THK ---	GRAV ---
COWLEY COUNTY *****							
SCHOOL CREEK FIELD -----							
PETROLEUM ENTERPRISE 3-32S 7E	C-6985	BARGER	P	LAY	2021	15	38.0
SHANNON FIELD -----							
JAMES A. LEWIS ENG 23,24,25,26,27-31S 5E 23,24, 35-31S 5E	C-9056	SHANNON UNIT		LAYTON	NR	NR	NR
SLICK-CARSON FIELD -----							
W.D. SHORT 19-32S 3E	C-17416	SLICK-CARLSON	W	LAYTON	2600	30	38.0
SMITH FIELD -----							
BRUNSON-SPINES 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
TURNER NORTH FIELD -----							
HAMMER & MACLEAN 18-32S 6E	C-17207	HAMMER	D	BARTL	2800	75	36.0
WALDSCHMIDT FIELD -----							
CREST PETROLEUM DEV 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
WILMOT-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-18069	NORTH WINFIELD LAKE	P	MISS	2910	20	29.0
WINFIELD FIELD -----							
EARL F. WAKEFIELD 26-32S 4E	C-9975	B.G. THIRSK	D	BARTL	2900	7	38.0
GULF 4-24S 4E	C-1857	M. SHANNON	D	BARTL	NR	NR	41.0
*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)			
						1978	CUM			1978	CUM	1978	CUM	
NR	T	PROD	4	0	73	NR	8	0	3	NR	NR	NR		C-6985
NR		NR	7	0	1229	2723	19	0	5	5943	NR	NR		C-9056
1959	U	PROD	1	0	219	4271	4	0	4	NR	2	NR		C-17416
1966	U	PROD & STAL	4	0	774	7473	8	0	20	534	NR	NR		C-12927
NR	U	NR	1	0	NR	NR	3	0	1	NR	1	1		C-8457
1975		NR	2	0	134	337	8	0	15	71	NR	NR		C-17207
1973	T	PROD	1	0	3	14	7	0	9	61	NR	NR		C-16946
1976	U	PROD & MISS	1	0	26	70	1	0	2	6	NR	NR		C-18305
1970	T	PROD & MISS	4	0	72	687	6	0	7	95	7	36		C-15713
1977	T	PROD	1	0	360	397	4	0	6	6	NR	NR		C-18069
1963	T	PROD	1	0	42	879	5	0	1	73	1	18		C-9975
1948	T	PROD	1	0	4	770	3	0	5	760	NR	NR		C-1857
1967	M	PROD & FR	7	0	NR	NR	21	4	1	NR	1	NR		C-14980

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV -----			
CRAWFORD COUNTY *****							
FARLINGTON FIELD -----							
GEORGE A. HOFFMAN 4-28S23E	C-18552	RUSSELL BABER	W	BARTL	179	81	28.0
WALTER DUCAN OIL 2-28S23E	C-11453	BURGE	W	PERU	175	20	31.8
WEL-KAN OIL 2-28S23E	C-9856	HOLTMAN	W	PERU	162	20	31.5
HEPLER FIELD -----							
GEORGE A. HOFFMAN 30-27S22E	C-18553	ALBERT ELMER	W	BARTL	601	15	25.8
MCCUNE FIELD -----							
SKYLER LIMITED 7-31S22E	C-17955	SAMP		BARTL	202	11	29.0
ST. PAUL-WALNUT FIELD -----							
SKYLER LIMITED 28,29-28S22E	C-4926	GUY		BARTL	NR	NR	NR
WALNUT SOUTHEAST FIELD -----							
STEPHENS OIL 27,28-28S22E	C-3105	WALNUT WF	W	BARTL	307	12	28.0
DECATUR COUNTY *****							
ADELL NORTHWEST FIELD -----							
CONOCO 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
JENNINGS FIELD -----							
TEXACO 25- 4S27W	C-8190	JENNINGS UNIT	W	HOW&LAN	3500	9	37.0
OLIVE FIELD -----							
JOHN O. FARMER 12,14- 2S28W	C-17441	OLIVE WATERFLOOD	P	LKC	3468	5	37.0

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)		
					1978	CUM			1978	CUM	1978	CUM		
1976		PROD & MISS	5	0	NR	NR	NR	0	1	1	NR	NR		C-18552
1965	M	PROD & MISS	22	0	92	1770	30	0	4	137	NR	NR		C-11453
1962		PROD & BURG	18	0	97	1557	25	0	4	152	NR	NR		C-9856
1976	U	PROD & MISS	3	2	NR	NR	17	2	4	11	NR	NR		C-18553
1958	M	PROD & ARB	1	0	2	NR	7	0	1	NR	NR	NR	23	C-17959
NR		NR	8	0	2	NR	10	0	1	NR	1	NR	24	C-4926
1959	M	PROD & ARB	59	0	108	3350	43	0	4	231	4	231		C-3105
1970	U	PROD & CEDH	4	0	816	6778	8	0	43	611	43	538		C-15099
1971	U	PROD	1	0	109	682	2	0	4	48	NR	NR		C-15829
1973	U	PROD & CEDH	2	0	146	7042	6	4	18	140	13	34		C-17018
1964	T	PROD & CEDH	3	0	320	2084	5	0	16	630	16	144		C-10845
1961	U	PROD & CEDH	1	0	310	8028	11	0	25	703	25	486		C-8190
1974	U	PROD & CEDH	1	0	146	531	4	0	28	132	20	73		C-17441

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH -----	THK ---	GRAV ---
DECATUR COUNTY *****							
PADDOCK FIELD -----							
DONALD C. SLAWSON 28,29,32,33- 2S28W	C-16181	PADDOCK UNIT	W	LKC	3600	4	35.5
PETRACEK FIELD -----							
OKMAR OIL 4,9- 4S27W	C-17588	PETRACEK	W	LKC	3559	15	34.0
POLLNOW FIELD -----							
ROCKET-SCHUSTERMAN 3,4,5,8,9- 3S29W	C-7653	POLLNOW UNIT	W	LANS	3740	4	38.0
TENNECO 5,6- 3S29W 36- 2S30W	C-14949	AMANDA-POLLNOW UNIT	P	KC	3750	4	35.0
UNG FIELD -----							
HALLIBURTON OIL 14,23- 2S30W	C-15013	JORDING A	P	LKC	3847	25	34.0
VAVROCH FIELD -----							
HALLIBURTON OIL 33- 3S28W 4- 4S28W	C-13755	VAVROCH	W	LKC	3808	25	36.0
WARNER FIELD -----							
CITGO 1,2,11,12- 1S27W	C-12401	WARNER UNIT	W	LKC	3226	12	34.0
DICKINSON COUNTY *****							
LOST SPRINGS FIELD -----							
FRANK JONES OIL 34-16S 4E	C-15080	LOST SPRINGS	P	MISS	2280	20	35.0
DOUGLAS COUNTY *****							
BALDWIN FIELD -----							
JAMES E. RUSSELL PET 36-14S20E 2,6-15S20E	C-12705	BALDWIN UNIT	W	SQUIR	800	18	26.0
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

		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)	1978 CUM	TOT	NEW	MB OR (MMCF)	1978 CUM	1978 CUM	1978 CUM			
1971	T	PROD & CHEY	5	0	474	1966	7	0	26	458	22	NR		C-16181	
1974	U	PROD & TOR	1	0	45	155	3	0	10	170	1	4		C-17588	
1960	T	PROD & DAK	2	0	367	5060	6	0	12	849	12	419		C-7653	
1969	U	PROD	1	0	40	NR	2	0	3	NR	NR	NR	25	C-14949	
1970	T	PROD	1	0	15	136	4	0	11	209	3	11		C-15013	
1968	T	PROD & CEDH	3	0	346	4446	3	0	20	1391	20	286		C-13755	
1966	T	PROD & CHEY	7	0	390	5287	9	0	21	909	21	392		C-12401	
1976	U	PROD	1	0	15	NR	9	0	5	NR	NR	NR		C-15080	
1966	T	ARB	13	0	11	152	15	0	2	51	2	26		C-12705	
1959	U	PROD	1	0	4	95	2	0	1	NR	1	14		C-6934	
1964	F	FR	31	3	472	7042	31	6	14	431	14	431		C-8295	

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV -----			
EDWARDS COUNTY *****							
ENLOW FIELD -----							
MESSMAN-RINEHART OIL 4-24S16W	C-6178	HAHN A	D	LKC	3740	6	31.0
ELK COUNTY *****							
BUSH-DEATON FIELD -----							
PERKINS OIL 34-29S 9E	C-16218	CRIGER	D	MISS	2289	52	36.0
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
GRAND SUMMIT FIELD -----							
PETROLEUM ENTERPRISE 3,4-31S 8E	C-18027	DENTON-FERGESON	P	MISS	1927	20	32.0
HALE-INGE FIELD -----							
TRAVERSE CORP 27-31S12E	C-15710	INGE WATERFLOOD	W	STRAY	695	14	32.0
KEMPTON FIELD -----							
KEENY LANDES 17,20-32S 9E	C-18521	KEMPTON	D	MISS	2271	10	34.0
KEY FIELD -----							
KRM PETROLEUM 24-31S10E	CR-2783	MORGAN		ARB	2315	84	27.7
LOGSDEN FIELD -----							
KEENY-LANDES 16,17-31S 9E	CR-4782	REEVES	D	MISS	2287	10	34.0
MOLINE FIELD -----							
W.C. BUMGARNER 9-31S10E	C-10390	M. EYMAN	D	MISS	2003	17	NR
SHRADER FIELD -----							
ALADDIN PETROLEUM 12-31S 8E	C-11214	SHRADER	P	KC	1650	40	34.0
THOMAS FIELD -----							
R.R. DURBIN 12-29S12E	C-7555	THOMAS	P	BURG	1630	20	21.4

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)		
					1978	CUM			1978	CUM	1978	CUM		
1958	U	PROD	1	0	5	1302	1	0	2	197	2	175		C-6178
1971	T	PROD	2	0	38	384	1	0	1	NR	1	NR		C-15218
1955	T	PROD	7	0	1065	NR	16	0	11	NR	NR	NR	C-15543	C-16219
1977	T	PROD	1	0	201	NR	2	0	2	NR	0	0		C-5118
														C-18748
1975	T	PROD	2	0	45	NR	6	0	5	NR	NR	NR		C-18027
1967	M	PROD	18	0	267	3029	25	0	8	121	8	121		C-15710
1978	U	PROD	1	0	146	NR	3	1	4	NR	NR	NR		C-18521
1978	U	PROD	1	0	73	73	1	0	1	9	0	0		CR-2783
1978	U	PROD	1	0	45	45	1	1	1	1	NR	NR		CR-4782
NR	U	PROD	2	0	91	458	NR	NR	0	0	NR	NR	26	C-10390
1957	T	PROD	3	0	225	2178	11	0	7	500	NR	NR		C-11214
NR	T	PROD	1	0	360	5760	2	0	3	53	0	0		C-7555

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV -----			
ELK COUNTY *****							
THOMAS FIELD -----							
R.R. DURBIN 12-29S12E	C-12173	COUNTRYMAN	P	BURG	1630	20	22.0
WALKER FIELD -----							
PATTESON-SHEEL 5-31S10E	CR-2786	WALKER	W	KC	1600	6	34.5
WEBB FIELD -----							
BMG INC WEBB	C-16500	DURBIN	D	MISS	2517	15	34.7
BMG INC 23-31S10E	C-16500	DURBIN	D	KC	1356	10	30.0
TOMLINSON OIL 13-31S10E	C-17042	DURBIN	D	MISS	1937	10	31.5
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 -----							
ICER ADDIS 34,35-15S16W	C-12629	BEECHING WF UNIT	W	LKC	3330	15	36.0
BEMIS SHUTTS FIELD -----							
CONOCO 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
LARIO 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
MALLONEE-MAHONEY INC 2,3-12S17W	C-7923	WINDHOLZ	W	ARB	3600	50	30.1
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

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)			
					1978 CUM				1978 CUM		1978 CUM			
1965	T	PROD	1	0	42	574	1	0	1	26	NR	NR		C-12173
1978	U	PROD	1	0	525	NR	1	0	2	NR	NR	NR		CR-2786
1974	U	PROD	1	0	5	NR	1	0	3	37	NR	NR		C-16500
1972	U	PROD	2	0	146	NR	10	0	4	32	NR	NR		C-16500
1973	U	PROD	0	0	0	510	9	0	8	260	8	16		C-17042
1970	T	PROD & ARB	1	0	40	405	4	0	15	661	13	152		C-16340
1973	T	PROD	1	0	151	811	10	0	24	511	3	NR		C-17737
1975	T	PROD & DAK	1	0	68	197	3	0	5	NR	NR	NR		C-17768
1966	U	PROD	1	0	79	1070	3	0	4	39	2	27		C-12629
1972	U	PROD	1	0	218	3527	8	0	21	254	NR	NR		C-16660
1964	U	PROD	1	0	NR	NR	2	0	3	NR	NR	NR		C-11239
1965		PROD	0	0	0	208	3	0	8	178	3	94		C-12116
1966	U	PROD	1	0	1023	17465	1	0	4	108	NR	NR		C-12788
1960	T	PROD	1	0	77	921	3	0	7	234	4	105		C-7923
1966	U	PROD	1	0	226	2768	6	0	3	950	2	39		C-12976
1968	T	PROD	2	0	167	1540	5	0	10	336	10	108		C-14315

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
ELLIS COUNTY *****							
BEMIS SHUTTS FIELD -----							
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 NAT RESOURCES 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
CATHERINE FIELD -----							
GULF 10,11-13S17W	C-11933	CATHERINE UNIT	W	KC	3250	210	29.0
ISIS OPERATING 4,9-13S17W	C-7733	WALTER UNIT	P	LKC	3342	220	35.0
CATHERINE NORTHWEST FIELD -----							
TEXACO 4-13S17W	C-10619	M. WOLF A	P	TOR&LAN	3350	37	31.0
CATHERINE SOUTH FIELD -----							
STERLING DRILLING 14-13S17W	C-15300	CATHERINE SOUTH UNIT	P	LKC	3276	8	33.0
TEXACO 12,21,22-13S17W	C-10576	L.J. DREILING	P	ARB	3550	30	32.0
CHRISLER SOUTH FIELD -----							
OKMAR OIL 27,28-11S16W	C-17121	MADSEN 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 -----							
ICER ADDIS 6-15S18W	C-13603	DECHANT	W	LKC	3300	5	39.0
DECHANT NORTHWEST FIELD -----							
AM 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 -----							
PALOMINC PETROLEUM 10-15S18W	C-17098	DINGES	D	LKC	3348	46	31.0

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)		
					1978	CUM			1978	CUM	1978	CUM		
1966	U	PROD	NR	NR	183	1776	NR	NR	3	NR	2	59		C-12769
1965	T	PROD	1	0	45	886	4	0	8	686	4	54		C-11621
1969	T	PROD	0	0	0	444	2	0	27	188	0	23		C-15294
1972	T	PROD & ARB	5	0	469	4990	28	0	85	686	72	645		C-16348
											C-16347	C-16346	C-16345	
1963	T	PROD	4	0	324	5753	8	0	29	1970	29	504		C-15856
														C-10120
1966	U	PROD	0	0	0	530	9	0	7	1529	0	7	27	C-11933
1959	U	PROD	1	0	23	NR	2	0	3	NR	NR	NR		C-7733
1964	U	PROD	0	0	0	1881	1	0	1	113	1	57		C-10619
1970	U	PROD & DAK	1	0	48	532	4	0	3	72	3	60		C-15300
1964	U	PROD	1	0	493	8677	7	0	20	689	NR	NR		C-10574
NR	U	PROD	2	0	172	2039	2	0	2	188	2	22		C-17121
1957	T	PROD	1	0	299	2649	4	0	8	238	8	109		C-5605
NR	U	PROD	1	0	2	16	1	0	1	9	1	2		C-13603
1971	U	PROD	1	0	520	4100	3	0	5	302	0	0		C-16276
1971	U	PROD	1	0	320	2232	8	1	36	341	4	13		C-16262
1973	U	PROD	1	0	0	19	1	0	2	170	NR	NR		C-17098

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH -----	THK ---	GRAV ---
ELLIS COUNTY *****							
DREILING FIELD -----							
TEAM OIL 21-14S16W	C-15311	DREILING	D	LKC	3103	150	31.0
EAGLE CREEK FIELD -----							
VEEDER SUPPLY & DEV 2,10,11-11S20W	C-13073	EAGEL CREEK	W	TOR&LKC	3270	25	33.0
EMMERAM FIELD -----							
HILLENBURG OIL 4-13S16W	C-7142	FROELICH	W	LKC	3200	22	36.0
EMMERAM, NORTHEAST FIELD -----							
GULF 26,27-12S16W	C-11769	FROELICH E, F, & SITZ	D	KC	3270	4	34.0
FAIRPORT FIELD -----							
TENNECO 36-12S16W	C-5267	WIELAND C	P	LKC&DOD	3900	90	35.0
TENNECO 1,12-13S16W	C-14251	SCHMITT A, B		LKC	3050	20	32.0
TENNECO 1-13S16W	C-10416	WIELAND B	P	LKC&DOD	3050	30	32.0
HERZOG FIELD -----							
PALOMING 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
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
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

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)			
						1978	CUM			1978	CUM	1978	CUM		
1969	U	PROD	1	0	77	NR	3	1	6	206	2	NR		C-15311	
1967	M	PROD & DAK	4	0	349		6	0	8	159	8	159		C-13073	
1959	T	PROD	1	0	9	NR	3	0	3	NR	0	NR		C-7142	
1961	U	PROD	2	0	7	367	1	0	2	250	NR	12	28	C-11769 C-6605	
1957	U	PROD	0	0	0	NR	6	0	9	NR	NR	NR	29	C-5267	
1961	U	PROD	0	0	13	NR	3	0	5	NR	NR	NR	30	C-14251	
1963	U	PROD	2	0	152	NR	7	0	12	NR	0	NR	31	C-8741 C-10416	
1962	U	PROD	1	0	7	103	2	0	2	205	0	0		C-6890	
1972	U	PROD	1	0	260	4856	2	0	13	193	NR	99		C-15930	
1967	U	PROD	2	0	273	2620	2	0	8	275	8	210		C-13651	
NR	M	DAK & CHEY	1	0	162	1821	2	0	2	20	2	27		C-13428	
1967	U	PROD & DAK	1	0	125	1483	2	0	5	230	2	46		C-13535	
1968	M	PROD & QUAT	1	0	187	1417	3	0	8	258	8	109		C-14316	
1966	T	PROD & ARB	1	0	68	NR	2	0	3	NR	3	NR		C-13093	

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH -----	THK ---	GRAV ---
ELLIS COUNTY *****							
NEDDAM FIELD -----							
SHADE AND BERRY 30-11S20W	C-18064	NEDDAM	D	LANS	3762	70	35.0
NICHOLSON FIELD -----							
CONOCO 30-11S20W	C-18056	NICHOLSON	W	LANS	3762	70	NR
PLEASANT FIELD -----							
DANE G. HANSEN TRUST 34-13S20W	C-17979	STORM	D	LKC&ARB	3499	250	40.0
MURFIN 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
PRATT FIELD -----							
AM PETROFINA TEXAS 27-13S 6W	C-10613	PRATT AIRBASE	W	GORHAM	3460	15	33.7
RAJEWSKI FIELD -----							
MELTZER OIL 28-15S17W	C-15850	RAJEWSKI	P	KC	3400	6	36.0
RUDER FIELD -----							
GULF 8-15S18W	C-13426	J.A. SWIRES	W	LKC	3260	NR	33.9
SCHMEIDLER FIELD -----							
FRONTIER OIL 28-12S17W	C-16804	GIEBLER	P	LKC	3400	6	29.0
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
SUGARLOAF SOUTH FIELD -----							
OKMAR OIL 28-13S17W	C-13553	DREILING	W	LKC	3280	5	30.0
SUGARLOAF SOUTHEAST FIELD -----							
AM PETROFINA TEXAS 26-13S17W	C-16583	BRAUN B	P	ARB	3484	336	34.0
TOULON FIELD -----							
WILLIE E. SCHULTZ 35-13S17W	C-15682	BRAUN	W	LKC	3335	12	33.0

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)	OT	NEW	MB	OR (MMCF)	MB	OR (MMCF)		
					1978	CUM			1978	CUM	1978	CUM		
1976	U	PROD	1	0	30	90	1	0	1	69	NR	NR		C-18064
1976	T	PROD	3	0	0	759	4	0	3	2	NR	NR		C-18056
1975	U	PROD	1	0	79	316	2	0	3	15	NR	NR		C-17979
1974	T	PROD	1	0	252	996	3	0	7	125	3	14		C-17236
1970	U	PROD	1	0	82	582	2	0	2	45	NR	NR		C-15916
1967	T	PROD	1	0	138	2027	4	0	6	262	6	84		C-10613
1968	U	PROD	1	0	5	NR	1	0	2	NR	NR	NR		C-15850
1967	U	PROD	1	0	257	2743	2	0	2	56	2	44		C-13426
1972	U	PROD	1	0	37	226	3	0	6	38	2	11		C-16804
1970	M	PROD & DAK	4		215	2250	4		12	285	7	138		C-13234
1964	U	PROD & ARB	1	0	4	999	6	0	16	NR	11	90		C-10846
1967	U	PROD & ARB	1	0	38	375	2	0	5	370	4	11		C-13553
1972	U	PROD	1	0	256	1567	4	0	8	674	0	0		C-16583
1967	M	PROD & FR	1	0	142	1309	2	0	4	66	4	66		C-15682 C-13434

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH -----	THK ---	GRAV ---
ELLIS COUNTY *****							
TOULON SOUTHWEST FIELD -----							
OKMAR OIL 16-14S17W	C-13544	DINKEL A	W	LKC	3250	5	33.0
TURKVILLE FIELD -----							
PALOMINO PETROLEUM 11-11S17W	C-9229	MCCOMBS	D	LKC	3175	7	36.0
UBERT NORTHWEST FIELD -----							
GULF 1,2-13S18W	C-11815	CRISSMAN A & B	W	TOP&KC	3260	146	29.0
VICTORIA NORTH FIELD -----							
RICHARD L. MAI 7,8-14S16W	C-11068	SCHULTE	P	LKC	3214	6	35.0
WHEATLAND FIELD -----							
NCRA 30-15S17W	CR-6772	LEIKER	W	LANS	3293	17	36.0
PETROLEUM MANAGEMENT 18-15S17W	C-13470	LEIKER	W	LKC	3282	225	36.0
WHEATLAND EAST FIELD -----							
PETROLEUM MANAGEMENT 17,18-15S17W	C-15655	WHEATLAND EAST UNIT	W	LKC	3338	146	37.0
YOUNGER FIELD -----							
OKMAR OIL 32-13S17W	C-15425	HOFFMAN	W	LKC	3318	5	34.0
ELLIS-ROOKS COUNTIES *****							
KRUEGER FIELD -----							
CITGO 35,36-10S16W 1,2,3-11S16W	C-3145	KRUEGER UNIT	W	DOD&LKC	3225	4	37.0
ELLSWORTH COUNTY *****							
GENESEO-EDWARDS FIELD -----							
CITGO 16-17S 8W	C-16438	RATHBUN ARBUCKLE	D	ARB	3206	25	37.3
LORRAINE FIELD -----							
PETROLEUM INC 11,12-17S 9W	C-13631	LORRAINE UNIT	W	LKC	2870	10	35.1

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)			
						1978	CUM			1978	CUM	1978			CUM
1960	U	PROD	1	0	47	1247	4	0	7	437	6	122		C-13544	
1962	U	PROD	1	0	2	28	1	0	1	84	1	1		C-9229	
1965	U	PROD	0	0	0	630	6	0	6	495	0	0	32	C-11815	
1964	T	PROD	2	0	70	1140	4	0	6	104	3	7		C-11068	
1977	T	PROD	1	0	78	106	5	0	12	19	NR	NR		CR-6772	
1967	U	NR	0	0	0	374	2	0	8	45	0	6		C-13470	
1970	T	PROD	5	0	385	2581	17	0	38	787	38	314		C-15655	
1970	U	PROD	1	0	61	372	4	0	14	343	10	348		C-15425	
1961	T	PROD & DAK	10	0	1603	22493	21	0	51	3448	51	1320		C-3145	
1972	U	PROD	1	0	12	161	4	0	5	551	1	7		C-16438	
1967	M	PROD & DAK	1	0	213	3303	5	0	9	405	9	167		C-13631	

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV -----			
ELLSWORTH COUNTY *****							
STOLTENBERG FIELD -----							
JOHN JAY DARRAH JR 32,33-16S 9W	C-18714	VACEK A	W	SIMP	3250	9	39.0
JOHN JAY DARRAH JR 33-15S10W	C-10057	ZUOLANEK B	W	SIMP	3246	10	37.0
KRM PETROLEUM 6-16S10W	CR-3783	BARCLAY	D	ARB	3355	6	39.5
WILSON CREEK FIELD -----							
A.J. GORSKI 21-14S10E	C-16302	VOPAT	P	LKC	2820	14	38.0
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		LANS	2800	20	37.5
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
FINNEY COUNTY *****							
DAMME FIELD -----							
PALOMINO 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 23,26,27,34-31S34W	C-9779	NUNN	P	MARM	4276	9	30.0
PLEASANT PRAIRIE FIELD -----							
HELMERICH & PAYNE 17,18,19,20,29-26S34W 4,5,6,8,9,16-27S34W 30,31,32,33-26 S34W	C-13423	PLEASANT PRAIRIE UNIT	P	MISS	5050	15	33.5
FRANKLIN COUNTY *****							
BALDWIN FIELD -----							
LAYTON OIL 25-15S20E 30-15S21E	C-11721	WELLSVILLE PROJECT	W	SQUIR	750	18	26.0
PAOLA-RANTOUL FIELD -----							
ELTON R. GREER 3,4,10-16S21E	C-7526	WELLSVILLE FLOOD	W	SQUIR	700	30	28.0

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)	1978 CUM	TOT	NEW	MB OR (MMCF)	1978 CUM	MB OR (MMCF)	1978 CUM		
1977	T	PROD & ARB	2	0	15	20	2	0	11	309	6	9		C-18714
1962	T	PROD	1	0	21	450	1	0	1	73	1	31	33	C-10057
1978	U	PROD	1	0	45	45	2	0	1	196	1	1		CR-3783
1971	U	PROD	2	0	37	433	12	0	15	166	14	31		C-16302
1969	U	PROD	4	0	420	1851	24	0	52	1217	0	0		C-18315
1972	U	PROD	2	0	65	338	11	0	37	633	0	0		C-16708
1972	U	PROD	1	0	25	225	2	0	2	64	0	0		C-16442
1972	U	PROD	2	0	123	633	11	0	38	657	NR	NR		C-16265
1972	U	PROD	1	0	120	712	5	0	16	333	NR	NR		C-16499
1968	U	PROD	1	0	32	245	2	0	8	318	5	63		C-13914
1972	U	PROD	1	0	564	2335	9	0	83	1168	NR	NR		C-16552
1958	T	PROD	1	0	94	3259	19	0	38	3460	19	278		C-9779
1966	T	PROD	8	0	932	10247	62	0	396	1923	NR	NR		C-13423
1970		PROD	0	0	0	473	3	0	1	10	1	10		C-11721
1959	T	PROD	21	0	101	9893	30	4	8	875	NR	NR		C-7526

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH -----	THK ---	GRAV ---
FRANKLIN COUNTY *****							
PAOLA-RANTOUL FIELD -----							
JOHN T. CASADY OIL 31,32-15S21E	C-18352	WELLSVILLE	W	SQUIR	720	20	25.7
LAVELL G. CRAIG 20-16S21E	C-12728	HAYS	P	SQUIR	630	20	29.0
LAYTON OIL 31,32-15S21E	C-11109	LELOUP AREA	W	SQUIR	720	20	25.0
LL&B OIL 29-16S21E	C-17266	FINCH	P	SQUIR	630	14	NR
MARION TOWNER 32-16S21E	C-5495	NAYLOR NE		SQUIR	NR	20	29.0
OAKS PETROLEUM 10,12,15-17S21E	CR-8775	OAKS	P	SQUIR	600	15	33.0
RADER OIL 29-16 21E	C-17259	COFFMAN	P	SQUIR	625	15	31.0
RADER OIL 7,18-16S21E	C-17387	STEVENS	P	SQUIR	685	12	25.0
RADER OIL 19,30-16 21E	C-18459	SLAVEN	P	SQUIR	690	10	33.0
REED OIL 19,20-17S21E	C-15342	RANTOUL	W	SQUIR	610	8	29.0
WILLIAM CAENEN 32-16S21E	C-17598	KURZ	P	SQUIR	625	10	30.0
*SEE ALSO DOUGLAS-FRANKLIN							
GOVE COUNTY *****							
ALBIN FIELD -----							
CHIEF DRILLING 10-14S27W	C-13915	ALBIN	P	MISS	4330	16	36.0
CAMPUS SIDING 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	39.0
LUNDGREN SOUTH FIELD -----							
ENERGY RESERVES 31-14S29W	C-7779	LUNDGREN WFS	W	MISS	4250	50	35.0
MISSOURI FLATS FIELD -----							
DONALD C. SLAWSON 27-14S28E	C-17366	BEESELY C	W	LKC	3700	6	38.0

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)	1978 CUM	TOT	NEW	MB OR (MMCF)	1978 CUM	1978 CUM	1978 CUM		
1965	T	PROD & ARB	3	0	146	1593	44	4	14	NR	NR	NR	34	C-18352
1948	M	PROD & FR	4	0	29	NR	4	0	1	NR	0	NR		C-12165
														C-12728
1965	U	PROD	1	0	9	23	10	0	3	21	3	21		C-11109
1974	U	PROD & MISS	NR	NR	0	NR	NR	1	33	NR	NR	NR	35	C-17266
NR	T	PROD	2	0	2	NR	1	0	1	NR	NR	NR		C-5495
1977	T	PROD	4	0	60	60	20	4	30	30	10	10		CR-8775
1975	U	PROD	3	0	4	18	8	3	2	4	0	NR		C-17259
1970	U	PROD	7	1	51	135	21	7	8	11	0	0		C-17387
1976	U	PROD	1	0	11	23	9	3	5	12	0	0		C-18459
1970	M	PROD & GRAV	11	0	93	879	18	0	4	NR	4	68		C-15342
1969	M	PROD	1	0	7	64	3	0	1	5	NR	NR		C-17598
NR	U	NR	1	0	28	158	1	0	5	48	2	12		C-13915
1975	U	PROD	1	0	7	18	1	0	2	16	NR	NR		C-17846
NR	U	PROD	1	0	24	132	1	0	1	14	1	4		C-13217
1972	U	PROD	1	0	15	80	5	0	8	201	0	0		C-16501
1975	U	PROD	1	0	9	19	2	0	3	45	NR	NR		C-17166
1977	U	PROD	2	0	201	269	3	0	8	71	0	0		C-7779
1974	U	PROD	1	0	131	279	2	0	16	174	16	NR		C-17366

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME -----	DEPTH -----	THK ---	GRAV ---
GOVE COUNTY *****							
ROSA FIELD -----							
PICKRELL DRILLING 34-15S27W	C-15205	ROSA BECKER B	P	KC	4000	6	38.0
GRAHAM COUNTY *****							
BLAZIER FIELD -----							
CITGO 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 -----							
CITGO 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
COOPER FIELD -----							
JOHN O. FARMER 14-10S21W	C-18506	ACHESON	P	LKC	3514	5	32.0
PETROLEUM INC 24-10S21W	C-12527	COOPER PILOT FLOOD	W	ARB	3740	15	34.1
WHITE HAWK OIL 32- 9S21W 5-10S21W	C-7966	C. SMITH UNIT	P	LKC	3510	6	35.0
DIEBOLT FIELD -----							
SUN OIL 16,17,20,21,28-10S23W	C-9110	DIEBOLT LKC	W	LKC	3050	20	42.0
ELRICK FIELD -----							
SHENANDOAH OIL 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
EMOR FIELD -----							
BANKOFF OIL 28,35- 9S25W	C-14844	BOLLIG INJ	W	LANS	3870	4	36.0
TEXACO 35- 9S25W	C-16551	SPIES	W	LKC	3800	3	41.0
EVERGREEN NORTHWEST FIELD -----							
SUNFLOWER OPERATING 8,17- 9S23W	C-10747	EVERGREEN NW	W	LKC	3703	10	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)			
					1978	CUM			1978	CUM	1978	CUM			
1970	U	PROD	1	0	4	38	1	0	2	67	0	3		C-15205	
1962	T	PROD & DAK	4	0	346	4580	4	0	19	1019	19	506		C-9707	
1975	T	PROD & ARB	1	0	119	257	3	0	5	74	2	11		C-17942	
1970	T	PROD & CEDH	5	0	504	5182	10	0	15	1098	15	301		C-15497	
1974	T	PROD	1	0	58	375	6	0	8	155	8	NR		C-17655	
1976	U	PROD	1	0	288	608	4	0	26	336	6	12		C-18506	
1966	U	PROD	1	0	98	1160	6	0	10	731	10	205		C-12527	
1960	U	PROD	1	0	82	4466	6	0	2	167	2	NR		C-7966	
1962	U	PROD	6	0	1258	25880	21	0	140	1946	140	1946		C-9110	
1969	T	PROD	5	0	992	15334	31	0	82	2080	67	1247		C-14576	
1971	U	PROD & CEDH	6	0	226	3163	5	0	16	273	16	219		C-15410	
1969	U	PROD	1	0	55	740	3	0	5	103	4	NR		C-14844	
1972	U	PROD	1	0	74	310	2	0	6	97	NR	NR		C-16551	
1964	T	PROD	3	0	88	NR	6	0	7	NR	NR	NR		C-10747	

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV -----			
GRAHAM COUNTY *****							
FABRICIUS FIELD -----							
CITGO 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
GRA-SHER FIELD -----							
KIMBARK OPERATING 6-10S25W	C-18387	GRA-SHER UNIT	W	TOR&LKC	4070	240	35.0
HIGH HILL FIELD -----							
ALTA LOMA OIL 17,18,19,20-10S24W	C-17634	HIGH HILL	P	LKC	3725	250	37.0
HOLLEY FIELD -----							
CITGO 33- 8S24W	C-9991	HOLLEY UNIT	W	LKC	3957	4	37.0
FELL & WOLFE OIL 10- 9S24W	C-8742	HOLLEY	W	LKC	3924	40	38.7
FELL & WOLFE OIL 33- 8S24W	C-6453	BLACKBURN	D	KC	3968	6	35.6
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 -----							
CITGO 15- 9S24W	C-10367	HOLLEY SE WF	W	LKC	3847	12	37.0
HOOF FIELD -----							
CITGO 9,16-10S23W	C-15766	HOOF LKC UNIT	W	LKC	3850	16	35.0
HOOF NORTHWEST FIELD -----							
CITGO 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

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 OR	(MMCF)	MB OR	(MMCF)	NO
					1978	CUM			1978	CUM	1978	CUM	
1964	T	PROD & CEDH	4	0	492	8293	4	0	13	1420	13	574	C-11084 C-11076
1977	T	PROD	1	0	73	106	3	0	5	10	0	0	CR77714
1977	M	PROD & CEDH	2	0	120	136	8	0	NR	961	NR	NR	C-18387
1973	U	PROD & CEDH	4	0	328	1112	10	0	33	909	28	115	C-17634 C-16842
1963	T	PROD & CEDH	4	0	184	3001	4	0	5	559	5	240	C-9991
1963	F	FR	1	0	148	1531	4	0	2	13	NR	NR	C-8742
1958	U	PROD	1	0	42	NR	2	0	3	NR	NR	NR	C-6453
1965	U	PROD	4	0	299	3849	9	0	11	NR	NR	NR	C-11613
1965		PROD	1	0	11	NR	1	0	1	NR	NR	NR	C-10363
1963	U	PROD & CEDH	6		351	22441	11		15	1993	15	1993	C-9577
1964	T	PROD & CEDH	2	0	84	1537	1	0	3	330	3	96	C-10367
1970	T	PROD & CEDH	8	0	931	7306	18	0	52	3583	52	658	C-15766
1972	T	PROD & DAK	6	0	601	3443	9	0	40	1106	40	319	C-16528
1966	T	PROD & DAK	3	0	339	2268	6	0	31	449	NR	NR	C-13102
1977	U	PROD	2	0	622	728	5	0	7	14	0	0	C-18445

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH ---	THK ---	GRAV ---
GRAHAM COUNTY *****							
IRON CLAD FIELD -----							
GLENN W. PEEL EST 26- 9S22W	C-13981	DESAIR	D	LKC	3640	160	38.0
KNOLL NORTH FIELD -----							
DANE G. HANSEN TRUST 30- 8S25W	C-16383	HANSEN ESTATE	D	LKC	3825	200	38.0
KOCH EXPLORATION 29,32- 8S25W	C-18437	KNOLL, NORTH LKC	W	LKC	3770	NR	41.0
KOHART FIELD -----							
PETROLEUM MANAGEMENT 27,34- 9S24W	C-15310	MOORE-KURTZ	W	LKC	3906	10	NR
LAW NORTHWEST FIELD -----							
BURCH EXPLOR 28- 9S23W	C-9379	LAW NW	D	LKC	3900	180	36.0
MOREL FIELD -----							
GRAVES DRILLING 7- 9S21W	CR77710	COOLEY	A	LKC	3550	10	34.0
M.L. BROWN 14,23- 9S21W	C-14298	LKC	W	LKC	3420	30	33.0
NCRA 7- 9S21W	C-14977	SHAW	D	LKC	3641	15	32.4
NANA NORTHWEST FIELD -----							
CITGO 32,33- 7S24W 4,5- 8S24W	C-11191	NANA NW LKC UNIT	W	LKC	3600	10	38.0
REDLINE FIELD -----							
PETROLEUM INC 30- 9S22W 24,25- 9S23W	C-14964	REDLINE NW UNIT	W	LKC	3800	15	40.2
SCHMIED FIELD -----							
PETROLEUM MANAGEMENT 17- 8S25W	C-8553	MADDEN-DAVIS UNIT	W	LANS	3650	15	41.0
WILLIE E. SCHULTZ 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 -----							
WILLIE E. SCHULTZ 1,2- 9S25W	C-9397	MINIUM	D	LKC	3800	60	38.0

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)			
					1978 CUM				1978 CUM		1978 CUM			
1968	U	PROD	1	0	27	160	2	0	5	80	5	80		C-13981
1972	U	PROD	1	0	120	603	4	0	13	226	NR	NR		C-16383
NR		NR	0	0	0	0	5	0	31	751	NR	NR		C-18437
1970		NR	NR	NR	NR	NR	1	0	1	5	0	0		C-15310
1962	U	CED H	1	0	0	2301	5	0	8	319	8	274		C-9379
1977	U	PROD	1	0	14	22	2	0	4	296	NR	NR		CR77710
1968	T	PROD & ARB	1	0	519	4378	7	0	15	316	15	246		C-16298
1969	T	PROD	1	0	28	193	1	0	1	23	1	20		C-14977
1966	T	PROD & CEDH	3	0	6	51874	2	0	6	465	6	175		C-11191
1969	M	PROB&DAK&CH	2	0	254	2810	5	0	6	458	6	146		C-14964
1961	T	PROD & CEDH	3	0	493	8573	3	0	7	429	7	102		C-8553
1961	U	PROD	1	0	125	2176	3	0	4	365	4	365		C-9396
1974	U	PROD	1	0	2	7	1	0	1	46	1	1		C-17324
1962	U	PROD	1	0	131	2430	1	0	1	142	1	142		C-9397

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH ---	THK ---	GRAV ---
GRAHAM COUNTY *****							
VAN FIELD -----							
KOCH EXPLORATION 14- 9S22W	C-7334	SANDZEN	W	LKC	3490	20	30.0
NCRA 14- 9S22W	C-10328	VAN LOENEN	W	LANS	3497	15	36.6
VESPER FIELD -----							
PETROLEUM INC 31- 9S22W 36- 9S23W	C-10172	VESPER UNIT	W	LKC	3460	22	39.6
GRAHAM-ROOKS COUNTIES *****							
TRICO WEST FIELD -----							
CITGO 31-10S20W 36-10S21W	C-17940	TRICO WEST UNIT	W	LKC	NR	15	NR
GRAHAM-SHERIDAN COUNTIES *****							
LINDENMAN FIELD -----							
OKMAR OIL 31- 6S25W 36- 6S26W	C-15006	LINDENMAN COOP		LKC	3860	5	36.0
GRAHAM-TREGO COUNTIES *****							
DIEBOLT FIELD -----							
CITGO 33-10S23W 4,5,9-11S23W	C-6808	NW WAKEENEY COOP	W	LKC	3588	4	40.0
GREENWOOD COUNTY *****							
ATYEO-PIXLEE FIELD -----							
BUCKEYE CORP 12-22S 9E 7-22S10E	C-15055	EVANS UNIT	W	MISS	2400	13	36.0
BEAUMONT FIELD -----							
E.H. ADAIR 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

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)		
					1978	CUM			1978	CUM	1978	CUM		
1959		NR	0	0	0	1189	3	0	6	565	6	115		C-7334
1963	T	PROD	1	0	135	2872	4	0	5	219	2	119		C-10328
1963	M	PROD&DAK&CH	5	0	809	14592	11	0	17	2348	17	654		C-10172
1976	T	PROD	3	0	170	330	9	0	26	365	7	15		C-17940
1969	U	PROD	1	0	104	1658	4	0	19	831	19	257		C-15006
1958	T	PROD & CEDH	2	0	470	6718	7	0	7	2102	7	765		C-6808
1970	U	PROD	2	0	146	292	13	0	9	NR	NR	NR		C-15055
1973	U	PROD	1	0	1	9	3	0	4	28	0	0		C-17019
1963	T	PROD	1	0	11	109	7	0	12	288	NR	NR		C-10680

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH -----	THK ---	GRAV ---
GREENWOOD COUNTY *****							
BEAUMONT FIELD -----							
K.T. WIEDEMANN TRUST 25-27S 8E	C-12117	TEMPLE-LEWIS	W	MISS	2431	19	33.0
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
CLIMAX FIELD -----							
DIANNE MCCARTHY OIL 4,9-27S11E	C-5726	CLIMAX	P	MISS	1850	10	25.0
DEMALORIE 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	40	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
R.R. ABDERHALDEN 12,13-22S10E	C-9297	HARRIS UNIT	W	BARTL	2150	25	40.0
R.R. ABDERHALDEN 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
DUNAWAY FIELD -----							
ALE OIL 3-23S13E	C-5619	SAUDER-ESSLINGER	W	MISS	1850	15	34.0
BBL OIL PRODUCERS 27-22S13E	C-2252	MILLER-NORRIS	W	BURG	1800	10	36.0
HERBERT H. HART 27,34-22S13E	C-9459	HELLSER & KOENIG	P	MISS	1850	20	30.0
LARRY MOORE RANCH 22-22S13E	C-10543	R.W. YOUNG	W	BURG	1800	12	37.0
FANKHAUSER FIELD -----							
GEORGE A. BARNARD 10-22S12E	C-15037	SWANSON	P	BARTL	1800	15	39.0
GEORGE A. BARNARD 4-22S12E	C-2065	FANKHAUSER	D	BARTL	1900	25	39.0
JACKMAN & JACKMAN 23-22S12E	C-7362	FANKHAUSER		BARTL	1660	20	38.0
GAFFNEY FIELD -----							
GEORGE E. SAUDER 7-24S11E 12-24S10E	C-16051	SMITH UNIT	P	SQUIR	1850	12	39.0

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)		
						1978	CUM			1978	CUM	1978		
1974	T	PROD	2	0	82	387	19	0	10	1348	NR	NR		C-12117 C-17590
1965	U	PROD & DOUG	2	0	238	2735	6	0	5	592	5	120		C-8755
1966	U	PROD & DOUG	1	0	116	1274	1	0	1	254	1	82		C-14909
1957	T	PROD	1	0	1000	10000	3	0	2	18	NR	3		C-5726
NR	U	PROD	1	0	15	NR	2	0	1	NR	1	NR		C-13779
1974	T	PROD & DOUG	1	0	78	NR	4	0	3	NR	NR	NR		C-2071
NR	T	PROD	0	0	0	NR	2	0	3	NR	NR	NR		C-2309
NR	T	PROD	1	0	110	NR	3	0	1	NR	NR	NR		C-3124
1962	T	PROD	3	0	55	9743	6	0	1	470	1	470		C-9297
1949	T	PROD & DOUG	6	0	200	38272	19	1	7	3325	7	3325		C-3423
1952	T	PROD	2	0	73	2251	4	0	1	156	NR	NR	C-3123 36	C-2072 C-3103
1957	T	PROD & DOUG	2	0	45	1056	13	0	9	136	3	NR		C-5619
NR	T	PROD	1	0	27	NR	3	0	2	NR	NR	NR		C-2252
1962	U	PROD	2	0	778	6473	19	2	31	429	NR	NR		C-9459
1963	U	PROD	1	0	73	2281	2	1	3	219	NR	NR		C-10543
1969	T	PROD & DOUG	1	0	73	937	2	0	2	64	2	64		C-15037 C-2492
NR	T	PROD	1	0	91	NR	4	0	1	NR	NR	NR	37	C-2065 C-883
NR	T	PROD	2	0	80	NR	4	0	1	NR	NR	NR		C-7362
1971	T	PROD & DOUG	4	0	70	303	9	0	2	87	0	0		C-16051

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
GREENWOOD COUNTY *****							
GAFFNEY FIELD -----							
GREENWOOD PET & RANC 6-24S11E	C-5079	KIPFER	P	BARTL	1800	20	40.0
H.G. FORBES 18-24S11E	C-17687	LINDAMOOD	D	PERU	1680	10	30.0
ROY A. WILSON 7-24S11E	C-3340	GEO. GAFFNEY	D	CATTLE	1870	17	39.0
LAMONT FIELD -----							
CHEEVER WELL SERV 32-22S13E	C-14986	WERNLI	W	BARTL	NR	NR	NR
GEOGE E. SAUDER 9,29,30-22S13E	C-3863	LUHI UNIT	W	BARTL	1700	20	37.0
R & G OIL 23-22S12E	C-16546	LAMONT UNIT D	D	BARTL	1670	50	40.0
POLHAMUS FIELD -----							
T G'S OIL ENTERPRISE 9-25S 9E	C-5312	DUNLAP	D	BARTL	2000	10	39.0
QUINCY FIELD -----							
T.E. BIRD 34-24S13E 5,6,8,9-25S13E	C-12234	QUINCY	W	BARTL	1500	40	40.0
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 25,36-25S 8E 19,20,30,31-25S 9E	C-3482	BRYDEN-LADD	W	BARTL	2470	50	38.0
HANK MARTELL OIL 25,26,35-25S 8E	C-18526	KING-LADD	D	BARTL	2450	14	38.0
HANK MARTELL OIL 30-25S 9E	C-12717	BATES	P	BARTL	NR	NR	40.0
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. ABDERHALDEN 35-25S 8E 2,11-26S 8E	CW-6781	BLANKENSHIP SALLYARDS	W	BARTL	2425	39	37.0
TEICHGRABER OIL 17,18-25S 8E 17-25S 9E	C-18193	HENDRICKSON	P	BARTL	2289	20	39.0
SCHINDLER FIELD -----							
C.R. MCCLELLAND 23-23S11E	C-11806	SCHENDLER		ARB	1800	15	29.0

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)	1978 CUM	TOT	NEW	MB OR (MMCF)	1978 CUM	1978 CUM	1978 CUM		
1957	T	PROD & DOUG	3	0	NR	NR	10	0	NR	NR	NR	NR		C-5079
1973	U	PROD	1	0	8	NR	1	0	1	NR	0	0		C-17687
1959	T	PROD	1	0	73	NR	5	0	4	NR	NR	NR		C-3340
NR	U	PROD	1	0	7	NR	2	0	1	NR	NR	NR		C-14986
1978	T	PROD	1	0	10	NR	3	0	1	NR	NR	NR		C-3863
NR	T	PROD	1	0	0	NR	3	0	1	NR	NR	NR		C-16546
NR	U	PROD	1	0	NR	29	1	0	1	NR	NR	NR		C-5312
1950	T	PROD	18	4	557	10397	26	5	81	728	81	728	C-4497	C-12234 C-2676
NR	U	PROD	1	0	50	NR	6	1	3	NR	2	NR		C-18220
1977	U	PROD	1	0	73	NR	7	1	4	NR	1	2		CR-9777
1952		PROD & DOUG	4	0	432	NR	16	0	20	186	NR	NR		C-3482
1976	T	PROD	1	0	37	78	2	0	1	NR	NR	NR		C-18526
1966	U	PROD	1	0	73	759	2	0	1	NR	NR	NR		C-12717
1951	U	PROD	1	0	1	NR	4	0	1	NR	1	NR		C-5052
1964	T	PROD & DOUG	0	0	0	1055	3	0	573	NR	1	51		C-14001 C-11096
1953	T	PROD & DOUG	7	0	400	28620	20	0	8	3170	8	3170		CW-6781 C-3565
1976	U	PROD	1	0	55	137	9	0	8	30	NR	NR		C-18193
NR	T	PROD	2	0	190	NR	8	0	12	NR	0	0		C-11806

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH ---	THK ---	GRAV ---
GREENWOOD COUNTY *****							
SEELEY-WICK FIELD -----							
C.R. MC CLELLAND 28-22S11E	C-10588	CLARK	D	BARTL	2000	NR	38.0
C.R. MCCLELLAND 28-22S11E	C-10588	CLARK	D	BARTL	2000		38.0
CHEEVER WELL SERV 12-22S11E	C-10083	KIPFER	W	BARTL	1770	41	38.0
CHEEVERS WELL SERVIC 12-22S11E	C-10083	KIPFER	W	BARTL	1770	41	38.0
E.C. MURPHY 1-22S11E	C-12172	GARDNER WINKLER	D	BARTL	1900	16	NR
E.L. WILLIAMS 21-22S11E	C-18599	GREENWOOD	D	CATTLE	1926	4	34.1
GEO E SOUDER 8-9-24S12E	C-10954	WILSON-LEWIS	W	BARTL	1700	18	41.0
GEOGE E. SAUDER 8-9-24S12E	C-10954	WILSON-LEWIS	W	BARTL	1700	18	41.0
GEOGE E. SAUDER 7-8-22S12E	C-11213	HUBER-CURTIS	W	BARTL	1720	20	38.0
GEORGE A. BARNARD 4-23S11E	C-17648	RICKABAUGH	D	BARTL	1940	9	40.0
GERALD BOYLES 31-22S11E	C-17991	GALBRAITH	D	BARTL	1971	26	36.5
GLACIER PETROLEUM 6-22S12E	C-17131	JONES	P	BARTL	1884	10	38.0
H.G. FORBES 22-22S11E	C-3342	FREEBURG	D	BARTL	1900	10	37.5
HANK MARTELL OIL 29,30-22S11E	C-8952	HUMES	P	BARTL	2100	18	36.0
HENSLEY OIL 6-22S12E	C-13360	CLOIDE S. HEMSLEY	P	BART	1735	30	40.0
K.E. SNYDER 27-23S11E	C-11615	SHAEFER FLOOD PROJ	D	BARTL	1920	22	41.0
SCHANKIE WELL SERV 28,29,32,33-23S11E	C-14908	BEC UNIT	W	BARTL	1950	12	38.0
TEICHGRABER OIL 6-23S21E	C-14151	GREENWOOD	D	BARTL	2100	12	39.0
TESORO PET CORP 31-23S12E 6-24S12E	C-11091	SEELEY-WICK	W	BARTL	1800	15	40.0
TESORO PETR CORP 8-23S11E	C-1362	CLOPTON	D	BARTL	1750	15	43.0
TESORO PETR CORP 31-23S12E 6-24S12E	C-11091	SEELEY-WICK	W	BARTL	1800	15	40.0
THE J'S OIL 5,6-23S11E	C-734	SEELEY-WICK	P	BARTL	2100	15	39.0
THEODORA W. BARNARD 9-23S11E	C-12627	SHAFFER-JONES	P	BARTL	1930	18	NR
THOMPSON WELL SERV 6-22S12E	C-7954	PEDROJA	W	BARTL	1870	30	39.0
THOMPSON WELL SERV 7-22S12E	C-11369	HUBER	W	BARTL	1870	30	38.0
W.F. HARMON 31-23S12E	C-16338	HARMON		KC	1853	4	39.0
WARREN G. GODFREY 8-24S12E	C-16739	LYKE	W	BARTL	1700	20	40.0
WHITE & ELLIS DRLG 1,2-22S11E	C-10368	KIPFER	W	BARTL	1760	17	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)		TOT	NEW	MB OR (MMCF)		MB OR (MMCF)			
					1978 CUM				1978 CUM		1978 CUM			
NR	T	PROD	1	0	42	NR	3	0	1	NR	NR	NR		C-10588
NR	T	PROD	1	0	42	NR	3	0	1	NR	NR	NR		C-10588
1962	T	PROD	1	0	9	NR	2	0	1	NR	1	NR	38	C-10083
1962	T	PROD	1	0	9	NR	2	0	1	NR	1	NR	39	C-10083
NR	T	PROD	2	0	51	NR	2	0	2	NR	NR	NR		C-12172
1975	U	PROD	1	0	8	NR	1	0	1	NR	NR	NR		C-18599
1951	T	PROD & DOUG	5	0	300	3785	10	2	10	149	10	149		C-10954
1951	T	PROD & DOUG	5	0	300	3785	10	2	10	149	10	149		C-10954
1959	T	PROD & DOUG	2	0	90	1443	5	0	3	203	3	203		C-11213
1974	T	PROD	1	0	82	123	3	0	3	12	3	12		C-17648
1975	U	PROD	1	0	9	NR	1	0	1	NR	NR	NR		C-17991
NR	U	PROD	1	0	7	NR	2	0	1	NR	NR	NR		C-17131
NR	U	PROD	1	0	40	NR	2	0	2	NR	1	NR		C-3342
1961		PROD & DOUG	1	0	7	259	1	1	1	NR	NR	NR		C-8952
1968	U	PROD	1	0	4	NR	3	0	1	NR	NR	NR		C-13360
1972	U	PROD & DOUG	2	0	58	368	8	0	6	377	6	44		C-11615
1959	T	PROD & DOUG	3	0	95	NR	5	0	5	NR	1	NR		C-14908
NR	U	PROD	1	0	NR	NR	3	0	1	NR	NR	NR		C-5095 C-14151
NR	M	PROD & DOUG	6	0	393	9302	10	0	22	690	NR	NR		C-11091 C-5552
1946	U	PROD & DOUG	0	0	0	4068	3	0	3	1298	NR	NR		C-1362
NR	M	PROD & DOUG	6	0	393	9302	10	0	22	690	NR	NR		C-11091 C-5552
NR	U	PROD	2	0	180	NR	3	0	3	NR	NR	NR		C-734
NR	T	PROD	3	0	8	NR	3	0	242	NR	NR	NR		C-12627
NR	T	PROD	1	0	13	NR	3	0	2	NR	NR	NR		C-7954
NR	T	PROD	1	0	7	NR	1	0	1	NR	NR	NR		C-11369
1970	T	PROD	0	0	900	NR	2	0	NR	NR	NR	NR		C-16338
NR	U	PROD	2	0	51	NR	3	0	3	NR	NR	NR		C-16739
1963	T	PROD & DOUG		0	30	884		0	4	299	NR	NR		C-10368

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME -----	DEPTH -----	THK ---	GRAV ---
GREENWOOD COUNTY -----							
SEELEY-WICK FIELD -----							
WHITE & ELLIS DRLG 1,2-22S11E	C-10368	KIPFER	W	BARTL	1760	17	41.0
SEVERY NORTH FIELD -----							
HEDRICK BROS OIL 5-28S11E	CR47711	GIBBON		KC	NR	NR	NR
STANHOPE FIELD -----							
T G'S OIL ENTERPRISE 22-24S 8E	C-16709	TOSE B & C	D	MISS	2450	20	36.0
TEETER-SCOTT FIELD -----							
GLACIER PETROLEUM 9,10-23S 9E	C-10430	NOLLERA	P	BARTL	2450	35	39.0
K.E. SNYDER 1,2,11,12-23S 9E	C-11169	GREEN B FLOOD PROJ	D	BARTL	2410	45	39.0
TEICHGRABER FIELD -----							
ALTA LOMA OIL 18-25S 9E	C-12236	SPENCER	P	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
TETER-SCOTT FIELD -----							
GLACIER PETROLEUM 3-23S 9E	C-14906	NOLLER	P	BARTL	2450	35	40.0
GLACIER PETROLEUM 2-23S 9E	C-14901	HARTLEY B	P	BARTL	2450	50	39.0
THRALL-AGAARD FIELD -----							
GLACIER PETROLEUM 28,29,32,33-23S10E	C-2226	THRALL-MCKEE CONS	W	BARTL	2300	31	40.0
GLACIER PETROLEUM 28-23S10E	C-15438	GEORGE I. MILLER	W	BARTL	2385	25	40.0
GLACIER PETROLEUM 14-24S 9E	C-17510	BRATTON	P	BARTL	2110	91	38.0
J & T COOPER 13-24S 9E	C-8109	BRATTON-MANSFIELD	W	BARTL	2300	12	39.0
LANCE SNYDER 24,25-24S 9E	C-13474	BOONE-MOORE	D	BARTL	2160	13	37.0
M.L. BROWN 36-23S 9E 6-24S 9E	C-2743	CARTWRIGHT	W	BARTL	2200	35	40.0
UTOPIA FIELD -----							
HANK MARTELL OIL 9-25S11E	CR12772	BABSON	D	BARTL	1700	15	38.0
VIRGIL FIELD -----							
BRUNSON-SPINES 26-24S12E	C-18244	LANE	W	BARTL	1658	10	33.0

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)			
						1978	CUM			1978	CUM	1978	CUM		
1963	T	PROD&DOUG	NR	0	30	884	NR	0	4	299	NR	NR		C-10368	
NR		NR	1	0	22	NR	2	0	10	NR	NR	NR		CR47711	
NR	U	PROD	1	0	2	93	2	0	1	NR	NR	NR		C-16709	
1965	U	PROD	1	0	115	757	4	0	5	319	5	134		C-10430	
1967	U	PROD	1	0	55	797	8	0	6	308	6	135		C-11169	
1965	U	PROD & DOUG	3	0	63	968	5	0	9	191	9	55		C-12236	
1967	T	PROD & DOUG	8	0	526	6202	46	0	54	NR	54	709		C-11737	
1967	T	PROD & DOUG	1	0	78	1063	3	0	7	NR	7	45		C-13198	
NR	U	PROD	1	0	2	NR	2	0	2	NR	NR	NR		C-14906	
NR	U	PROD	2	0	165	NR	6	0	7	NR	NR	NR		C-14901	
1949	T	PROD & DOUG	1	0	9	58147	1	0	60	6257	1	3982	40	C-2226	
1967	T	PROD & DOUG	1	0	69	1142	4	0	2	126	2	122	41	C-15438	
NR	U	PROD	1	0	NR	NR	1	0	0	NR	NR	NR		C-17510	
NR	T	PROD & DOUG	7	0	300	NR	11	0	7	14	7	14		C-8109	
1967		PROD	1	0	1	6	3	0	1	25	1	5	42	C-13474	
1952	T	PROD & DOUG	8	0	452	30884	8	0	8	130	9	8130		C-2743	
1978	T	PROD	3	0	60	60	4	3	12	NR	NR	NR		CR12772	
1970	U	PROD	1	0	34	585	3	0	2	36	NR	NR		C-18244	

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
GREENWOOD COUNTY *****							
VIRGIL FIELD -----							
BRUNSON-SPINES 23-24S12E	C-9922	JOHNSON	W	MISS	1700	15	38.0
FRENCH-WINTERSCHIED 10-23S13E	C-3259	L. YOUNG	P	MISS	1800	6	36.0
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
FRENCH-WINTERSCHIED 10,11-24S12E	C-192	HOUT-MEYERS	P	MISS	1700	5	39.0
FRENCH-WINTERSCHIED 15-22S13E	C-221	SHADEL	P	MISS	1800	6	NR
LONG OIL 7-24S13E	C-12408	BARNES & SHARP	P	MISS	1664	16	38.0
R.R. ABDERHALDEN 13,14,23-24S12E	C-7558	WEST VIRGIL UNIT	W	MISS	1730	70	40.0
VIRGIL NORTH FIELD -----							
ALE OIL 4-23S13E	C-15502	GRUBER-IMTHURN	D	MIS&VIO	1850	15	26.0
BARNETT 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
VIRGIL NORTHEAST FIELD -----							
SUN OIL 21-23S13E	C-8090	GRIBLIN A	W	MISS	1750	30	34.3
SUN OIL 21-23S13E	C-6135	JONES A	W	MISS LM	1670	55	39.4
SUN OIL 29-23S13E	C-16111	DEHLINGER B	W	MISS	1700	10	39.2
SUN OIL 15-23S13E	C-6126	OLINGER A		MISS	1720	30	38.8
SUN OIL 15-23S13E	C-5838	SHADEL	W	BARTL	1540	50	36.2
SUN OIL 22-23S13E	C-17595	SHAMBAUGH-SHADEL	W	VIOLA	2150	12	NR
WIGGINS FIELD -----							
GEORGE A. BARNARD 25-24S10E	C-16617	WIGGINS	P	CATTLE	1830	15	38.0
GEORGE A. BARNARD 19-24S11E	C-17508	LINDAMOOD	P	CATTLE	1800	25	38.0
WILKINSON FIELD -----							
E.W. SAUDER 6-25S 9E	C-11069	OLSEN	P	CATTLE	2100	20	37.0
GEORGE E. SAUDER 6,7-25S 9E	C-11036	WILKINSON-CARRINGTON	D	CATTLE	2100	30	38.0
WILLARD FIELD -----							
DIANNE MCCARTHY OIL 12-27S10E	CR4777	CROSS	P	MISS	2000	10	25.0

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)		
					1978	CUM			1978	CUM	1978	CUM		
1962	U	PROD & ARB	5	0	49	16189	14	0	6	364	NR	NR		C-9922
1955	T	PROD	1	0	30	658	4	0	2	NR	1	25		C-3259
1966	T	PROD	1	0	79	869	8	0	4	NR	4	50		C-12482
1956	T	PROD	1	0	900	10800	7	0	5	NR	3	55		C-3915
1964	T	PROD	1	0	30	366	3	0	5	NR	2	43		C-192
1955	T	PROD	1	0	900	9921	6	0	5	NR	3	50		C-221
1966	U	PROD	1	0	17	NR	2	0	1	NR	NR	NR		C-12408
1958	T	PROD & ARB	10	0	150	6576	33	0	10	791	0	0		C-7558
1970	T	PROD	1	0	15	110	4	1	2	33	1	2		C-15502
1976	U	PROD	1	0	37	82	5	0	4	10	3	4		C-18152
1944	U	PROD	3	0	106	1144	7	0	7	1268	7	68	43	C-15851 C-1057
1961	U	PROD	4	0	348	9540	6	0	3	152	3	152		C-8090
1958	U	PROD	1	0	89	3189	7	0	10	291	10	291		C-6135
1971	T	PROD	2	0	206	1715	6	0	7	72	7	72		C-16111
1959	U	PROD	1	0	18	367	3	0	2	72	2	72		C-6126
1938	U	NR	0	0	0	17662	3	0	4	197	NR	NR		C-5838
1974	U	PROD	1	0	223	794	7	0	15	641	NR	NR		C-17595
1966	T	PROD	2	0	183	1192	5	0	3	47	3	47		C-16617
1974	T	PROD	1	0	73	367	1	0	1	2	1	22		C-17508
1964	T	PROD	1	0	20	701	2	0	1	122	1	31		C-11069
1964	U	PROD & DOUG	1	0	3	350	4	0	2	32	2	32		C-11036
1977	T	PROD	1	0	30	100	2	0	1	23	1	2		CR4777

OPERATOR LOCATION	PROJECT NO	PROJECT NAME	TYP PRJ	OIL PRODUCING ZONE			
				NAME	DEPTH	THK	GRAV
GREENWOOD COUNTY *****							
WILLOW CREEK FIELD -----							
GEORGE E. SAUDER 6-23S11E	C-13840	WARREN	D	BARTL	2050	20	38.0
OSCAR KOEPKE ETAL 31-22S11E	C-15095	FELTNER		BARTL	2000	30	36.0
ZIMMERMAN FIELD -----							
J & T COOPER 19-23S10E	C-14312	ZIMMERMAN	W	BARTL	2300	12	39.0
HARPER COUNTY *****							
RUNNYMEDE FIELD -----							
TEXACO 23,24,25,26-31S 6W	C-17631	RUNNYMEDE UNIT	P	LANS	3613	NR	NR
HARVEY COUNTY *****							
BURRTON FIELD -----							
HOME STAKE PROD 17,18-23S 3W	C-10087	BURRTON WF	W	MISS	3400	35	36.0
LEBEN OIL 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	W	MISS	2950	30	35.0
HOLLOW-NIKKEL FIELD -----							
GULF 5,8-22S 3W	C-11876	HOLLOW-NIKKEL	W	MISS	3500	32	42.0
KANTOR OIL 19-22S 3W	C-3771	EDIGER UNIT	P	HUNTON	3350	20	41.0
KANTOR OIL 30-22S 3W	C-431	KATIE SCHMIDT	W	KC&SIMP	3500	30	33.0
HARVEY-MC PHERSON COUNTIES *****							
HARMAC FIELD -----							
BRUNSON-SPINES 25,36-21S 3W	C-6889	HARMAC UNIT	P	HUNTON	3550	8	40.0
HOLLOW-NIKKEL FIELD -----							
BRUNSON-SPINES 32,33-21S 3W 4-22S 3W	C-10729	HOLLOW-NIKKEL WF	W	HUNTON	2500	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 OR (MMCF)		MB OR (MMCF)			
					1978 CUM				1978 CUM		1978 CUM			
1968	T	PROD	1	0	7	85	10	0	3	193	1	16		C-13840
NR	T	PROD	1	0	29	312	1	0	5	35	3	15		C-15095
NR	T	DOUG	2	0	45	NR	4	0	4	NR	NR	NR		C-14312
1974	M	PROD & STAL	4	0	229	880	7	0	36	162	NR	NR		C-17631
1963	M	PROD & GAS	28	0	5983	114045	37	0	60	2235	60	2235		C-10087
1967	U	PROD	NR	NR	146	9501	50	0	61	2780	NR	NR	44	C-13454
1975	U	PROD	1	0	126	584	5	0	5	23	NR	NR		C-17963
1964	M	PROD & EQUI	4	0	857	20431	11	0	24	1802	24	748	45	C-11876
NR	U	PROD	1	0	438	NR	4	0	14	NR	NR	NR		C-11005
NR	U	PROD	1	0	18	NR	2	0	2	NR	NR	NR		C-3771
NR	U	PROD	1	0	18	NR	2	0	2	NR	NR	NR		C-431
1959	U	PROD	0	0	0	6201	4	0	10	603	NR	NR		C-6889
1963	F	EQUI	0	0	0	16012	8	0	19	969	NR	NR		C-10729

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
HASKELL COUNTY *****							
EUBANK FIELD -----							
HELMERICK & PAYNE 28-28S34W	C-17988	EUBANK	W	CHES	5494	20	28.0
*SEE ALSO FINNEY-HASKELL							
HODGEMAN COUNTY *****							
BUDA SOUTHEAST FIELD -----							
AM PETROFINA TEXAS 1-2-21S26W	C-14869	CHENEY	W	MISS	NR	NR	37.5
EAKIN NORTHWEST FIELD -----							
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
HANSTON-OPPY FIELD -----							
LEBEN OIL 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 DAMBERGER 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 -----							
DONALD C. SLAWSON 9-24S23W	C-17767	KRANKENBERG B	W	MISS	4730	8	36.0
LIPPOLDT FIELD -----							
TEXACO 13-14-15-24-23S23W	C-17586	E.F. LIPPOLDT	P	MISS	4556	71	35.8
OPPY SOUTH FIELD -----							
PHILLIPS PETROLEUM 1-23S23W	C-12365	CLIFTON BB	P	MISS	4430	90	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)			
						1978	CUM			1978	CUM	1978	CUM		
1975	U	PROD	1	0	NR	205	3	0	5	607	0	0		C-17988	
1969	U	PROD	1	0	13	92	1	0	3	68	0	0		C-14869	
1965	T	PROD & CEDH	1	0	176	2053	2	0	15	423	9	118		C-11855	
1972	U	PROD	1	0	9	360	5	0	11	494	NR	NR		C-16699	
1960	F	FR	4	0	425	11670	NR	0	41	2085	21	1069	46	C-7630	
1972	U	PROD	1	0	246	1701	2	0	2	393	0	0	47	C-16343	
1968	U	PROD	1	0	163	1245	2	0	9	230	NR	NR		C-14233	
1966	U	PROD	1	0	472	5658	4	0	14	764	1	13		C-13232	
1972	T	PROD	1	0	156	577	0	0	0	0	0	0		C-16441	
1975	U	PROD	1	0	90	148	2	0	22	96	15	33		C-17767	
1974	U	PROD	1	0	541	2030	11	0	30	176	NR	NR		C-17586	
1966	M	PROD & SHSD	1	0	254	2823	2	0	5	198	4	61		C-12365	

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV -----			
HODGEMAN COUNTY =====							
SAW LOG CREEK FIELD -----							
PICKRELL DRILLING 31,32-23S21W	C-16908	GLEASON B	W	MARM	4377	20	24.0
JOHNSON COUNTY =====							
GARDNER FIELD -----							
MO-KAN OIL 15-14S22E	C-18466	M, K, B & G	P	BARTL	825	10	22.0
RADER OIL 10-14S22E	C-18460	KNABE A	P	SQUIR	700	10	30.0
RADER OIL 14,15,23-14S22E	C-18461	GARDNER FLOOD	D	BARTL	825	10	22.0
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 22,26,27,28,33-28S 7W 22,26, 34-28S 7W	C-14912	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 -----							
LARIO OIL & GAS 18-28S 5W	C-16295	CLOUSE	P	MISS	3850	50	NR
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	W	LKC	3400	8	34.0
ORSENUM FIELD -----							
TEXACO 30-29S 5W	C-12870	ORSENUM	P	SIMP	4472	NR	36.8

		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)	1978 CUM	TOT	NEW	MB OR (MMCF)	1978 CUM	1978 CUM	1978 CUM		
1973	U	PROD	1	0	42	207	5	0	7	212	NR	NR		C-16908
1963	U	PROD	3	0	22	456	12	1	7	NR	3	NR		C-18466
1973	U	PROD	1	0	2	9	11	3	2	NR	NR	NR		C-18460
1964	U	PROD	3	0	40	341	13	0	5	NR	1	NR		C-18461
1973	U	PROD	1	0	6	45	2	0	13	226	0	0		C-16958
1970	U	PROD	8	0	857	8624	17	0	130	6359	45	456		C-14912 C-13079
NR	U	PROD	1	0	505	1139	7	0	49	181	NR	NR		C-18070
1971	U	PROD	1	0	3	10	1	0		70	0	0		C-16295
1956	U	PROD	1	0	32	NR	2	0	3	NR	0	0		C-5422
1961	M	PROD	4	0	450	7627	6	0	19	1899	19	587		C-8651 C-7702
1966	U	PROD	1	0	329	298	1	0	2	39	NR	NR		C-12870

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME -----	DEPTH -----	THK ---	GRAV ---
KINGMAN COUNTY *****							
SPIVEY-GRABS-BASIL FIELD -----							
PICKRELL DRILLING 30-29S 6W	C-16625	MAPLE G	P	MISS	4116	36	33.0
SUN OIL 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
KINGMAN-SEDGWICK COUNTIES *****							
BARTHOLOMEW FIELD -----							
M.L. BROWN 29,30,31-27S 4W 6-28S 4W 36-27S 5W 1-28S 5W	C-5288	BARTHOLOMEW	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 UNITED SUPPLY 20,21,22,27,28-29S18W 5,6-30S18W 31, 32,33,34,-29S18W	C-14366	NICHOLS UNIT	W	MISS	4904	25	NR
KINGMAN-PRATT COUNTIES *****							
CUNNINGHAM FIELD -----							
GETTY OIL 19,30,31-27S10W 24,25-27S11W	C-6106	CUNNINGHAM B	W	LKC	3400	16	36.0
LABETTE COUNTY *****							
COFFEYVILLE-CHERRY. FIELD -----							
DODSON PRODUCTION 24-32S17E	C-16032	FOSTER	D	BARTL	700	15	22.0
DODSON PRODUCTION 23-32S17E	C-7845	UTTER	P	BARTL	660	15	33.0
DODSON PRODUCTION 25-32S17E	C-9483	PERRY	P	BARTL	650	15	22.0

		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)		
					1978 CUM				1978 CUM		1978 CUM		
1972	U	PROD	1		5	26	1		2	40	NR	NR	C-16625
1975		NR	1	0	31	792	0	0	0	354	0	354	C-5576
1970	T	PROD	4	0	300	3074	6	0	5	816	5	21	C-15840
1957	U	PROD	0	0	0	9369	9	0	10	3372	0	269	C-5288
1968	U	PROD	1	0	55	556	6	0	10	167	NR	NR	C-14550
NR		NR	0	0	0	NR	6	0	11	NR	NR	NR	C-14366
1958	M	PROD & SHSD	5		884	24926	12		17	3839	17	785	C-6106
1971	U	PROD	1	0	2	NR	4	0	1	NR	NR	NR	C-16032
1959	U	PROD	1	0	3	NR	3	1	1	NR	NR	NR	C-7845
1962	U	PROD	4	2	1	NR	10	0	1	NR	NR	NR	C-9483

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV -----			
LABETTE COUNTY *****							
MOUND VALLEY FIELD -----							
VOT 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	W	BARTL	670	15	31.0
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 2-17S29W	CR-8782	GILL	D	MARM	4312	8	NR
WHITE ROCK SOUTH FIELD -----							
BEREN CORP 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 -----							
HASTERT OIL 10-21S22E	C-18581	HILL	P	SQUIR	520	20	31.0
HASTERT OIL 19-21S23E	C-18443	MCGREW I	P	SQUIR	460	20	31.0
GOODRICH-PARKER FIELD -----							
ULSES OIL 20-20S22E	C-3165	GOODRICH GROUP	P	SQUIR	600	30	29.0
LACYGNE-CADMUS FIELD -----							
ENERGY RECOVERY 34,35-19S23E 2,3-20S23E	C-3150	SCOTT	W	PERU	250	17	29.0

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)		
					1978	CUM			1978	CUM	1978	CUM		
NR		PROD & POND	1	0	102	NR	12	0	3	123	NR	NR		C-6323
1974	U	PROD	11	0	NR	NR	9	0	0	0	0	0		C-14745
1972	U	PROD	1	0	NR	531	5	0	46	650	0	0		C-16555
1978	U	PROD	1	1	15	15	8	3	211	281	0	0		CR-8782
1975	U	PROD	1	0	54	1177	4	0	6	54	1	13		C-18114
NR		NR	4	0	2	NR	4	1	1	NR	NR	NR		C-9576
1977	U	PROD	1	0	1	1	6	0	1	2	NR	NR		C-18581
1977	M	PROD & POND	7	0	8	11	10	0	1	2	1	NR		C-18443
NR	M	PROD & ARB	87	0	159	1566	105	0	3	664	NR	NR		C-3165
1940	U	PROD & MISS	20	0	29	6425	33	0	1	276	1	276		C-3150

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
LINN COUNTY *****							
LACYGNE-CADMUS FIELD -----							
ENERGY RECOVERY 21,31,33-19S23E 4,5,8,9-20S23E	C-15486	CADMUS	W	PERU	260	18	29.0
J & J OIL 2,11-20S23E	C-12025	PERSON-TEAGERDEN	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
LYON COUNTY *****							
ATYEO-PIXLEE FIELD -----							
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	1920	14	NR
SCHANKIE WELL SERV 32-21S11E	C-5004	R.B. BYRD	D	BARTL	1900	17	37.0
WELCH-MOHR FIELD -----							
BRANDT OIL 29-20S10E	CR-3786	FAIR	D	BARTL	2310	30	33.0
BRANDT OIL 19-20S10E	C-18485	BROWN	D	BARTL	2315	40	33.0
*SEE ALSO CHASE-LYON							
MARION COUNTY *****							
EDMONDS FIELD -----							
K.T. WIEDEMANN TRUST 31-22S 4E	C-18275	JOHN LIGGETT	D	MISS	2445	NR	40.0
ELBING NORTH FIELD -----							
AM PETROFINA TEXAS 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

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)	1978 CUM	TOT	NEW	MB OR (MMCF)	1978 CUM	1978 CUM		
1974	F	PROD & FR	123	0	916	2848	168	2	7	41	7	41	C-15486
1955	M	FR	35	3	412	NR	43	6	7	NR	NR	NR	C-12025
1968	M	PROD & POND	10	0	56	825	16	0	2	72	NR	NR	C-13055
NR	U	PROD	1	0	16	27	8	0	7	237	NR	NR	C-4314
NR	U	PROD	2	0	8	NR	4	0	3	NR	NR	NR	C-5671
1973	U	PROD	1	0	5	50	3	0	1	NR	NR	NR	C-5004
1976	U	PROD	1	0	5	196	2	0	2	44	NR	NR	CR-3786
1977	U	PROD	1	0	33	87	1	0	7	24	0	0	C-18485
1976	T	PROD	1	0	146	316	9	0	9	29	NR	NR	C-18275
1973	U	PROD	1	0	258	1523	3	0	2	144	NR	NR	C-17154
1975	T	PROD	1	0	125	421	2	0	2	35	2	6	C-17659

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH -----	THK ---	GRAV ---
*SEE ALSO BUTLER-MARION							
MC PHERSON COUNTY =====							
CANTON NORTH FIELD -----							
KREHBIEL OIL 25,26-18S 1W	C-18708	UNIT LEASE	D	MISS	2858	2	36.0
KREHBIEL OIL 25,26-18S 1W	C-18710	HAAS	D	MISS	2858	2	36.0
CHINDBERG FIELD -----							
CAP PRODUCTION 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 13-19S 3W	C-5631	SWANSON	P	MISS	2990	36	35.0
GEORGE R. HESS 24-19S 3W	C-18528	EK A & B	P	MISS	2995	30	37.0
KREHBIEL OIL 13-19S 3W	C-18707	LULL	D	MISS	2980	15	37.0
COONS FIELD -----							
ELMER UNRUH 13-19S 1W	C-18623	COONS B	P	MISS	2910	24	34.0
GEOROB FIELD -----							
COLORADO OIL & GAS 1-18S 2W	C-7365	ROBINSON	D	MISS	2790	7	35.0
GOESSEL FIELD -----							
DONALD C. SLAWSON 1,12-21S 1W 6-21S 1E	C-13747	GOESSEL HUNTON WF	W	HUNTON	3400	10	NR
GRABER FIELD -----							
GEORGE R. HESS 31,32-21S 1W	C-3017	GRABER	W	HUNTON	3285	25	40.0
GEORGE R. HESS 20,29,30,31-21S 1W	C-2434	GRABER WF	D	HUNTON	3280	30	44.0
GRABER NORTH FIELD -----							
GEORGE R. HESS 8,16-21S 1W	C-17397	BOESKER	P	HUNTON	3364	4	40.0
HENNE FIELD -----							
GEORGE R. HESS 32-16S 1W 5-17S 1W	C-4038	BUCKEYE C	P	MISS	2622	20	35.0
HOLLOW-NIKKEL FIELD -----							
GEORGE R. HESS 28-21S 3W	C-13798	SCHROEDER	P	HUNTON	3418	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 OR	(MMCF)	MB OR	(MMCF)			
					1978	CUM						1978	CUM		
					----	----						----	----		
1977	T	PROD	1	0	201	263	3	0	NR	NR	NR	NR		C-18708	
1977	T	PROD	1	0	15	16	1	0	NR	NR	NR	NR		C-18710	
1977	U	PROD	4	0	365	NR	4	0	4	NR	NR	NR		C-18761	
1976	U	PROD	1	0	130	NR	2	0	1	NR	0	NR		C-18634	
1957	T	PROD & CH	1	0	152	1788	5	0	0	83	0	0		C-5631	
1976	T	PROD	1	0	170	380	5	0	4	174	4	10		C-18528	
1977	T	PROD	1	0	256	260	3	0	NR	NR	NR	NR		C-18707	
1976	U	PROD	1	0	75	NR	2	0	1	NR	1	0		C-18623	
1959	U	PROD	1	0	NR	NR	3	0	5	517	NR	NR		C-7365	
NR		NR	4	0	352	4757	5	0	9	693	9	NR		C-13747	
1952	T	PROD	1	0	94	1851	2	0	2	1685	2	451		C-3017	
NR	T	PROD	6	0	277	43323	14	0	29	15720	29	5200		C-2434 C-1911	
1974	T	PROD	1	0	15	66	5	0	1	75	1	11		C-17397	
1954	T	PROD	1	0	188	2441	4	0	5	293	5	43		C-4038	
1967	T	PROD	1	0	74	680	2	0	2	121	2	80		C-13798	

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
MC PHERSON COUNTY *****							
JENDAY FIELD -----							
ALFRED D. KOEHN 6-19S 1W	C-5715	RYNO	D	MISS	2935	30	35.0
ALFRED D. 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 6-19S 2E	C-18618	PAULSEEN	D	KC	2350	10	34.0
PADEN 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
C&E OPERATORS INC 16-19S 2W	C-3034	GIFFIN	D	MISS	2860	40	36.0
C&E OPERATORS INC 11-19S 2W	C-2158	HULL	D	MISS	2885	40	36.0
CAP PRODUCTION 29-19S 2W	CR-3771	SUFFIELD	D	MISS	2942	NR	35.0
CAP PRODUCTION 17,18,19-19S 1W	CR-4775	THOMPSON	D	MISS	2962	NR	36.0
CAP PRODUCTION 26-19S 2W	C-3476	UNRUH	D	MISS	3350	NR	35.0
ECCO 26,35-19S 2W 3-20S 2W	CR-4774	BDJT UNIT	D	MISS	2950	20	36.0
ELMER UNRUH 25-19S 2W	C-3387	WILES	P	MISS	2930	25	36.5
ELMER UNRUH 1-20S 2W	C-18635	ANDERSON	P	MISS	2937	12	35.0
ELMER UNRUH 33-19S 2W	C-18633	KOEHN	P	MISS	2965	4	36.0
FRANK JONES OIL 23-19S 2W	C-14280	RITZ-CANTON	P	VIOLA	3362	8	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)				
						1978	CUM			1978	CUM	1978	CUM		
1955	T	PROD	1	0	329	NR	3	0	5	NR	NR	NR		C-5715	
1953	T	PROD	1	0	216	NR	6	0	NR	NR	NR	NR		C-1295	
1969	U	PROD	2	0	300	2664	5	0	9	NR	NR	NR		C-15232	
1977	U	PROD	1	0	200	200	8	0	24	NR	5	NR		CR-9775	
1972	T	PROD	1	0	723	2823	2	0	1	371	NR	NR		C-15946	
1959	U	PROD & MISS	3	0	166	3426	15	0	12	293	12	293		C-10429	
1960	U	PROD	1	0	22	933	2	0	3	87	3	87		C-7951	
1978	T	PROD	1	0	15	15	1	0	1	1	NR	NR		C-18618	
1971	U	PROD	1	0	64	264	6	0	15	1416	NR	NR		C-17480	
1955	T	PROD	1	0	365	NR	2	1	7	NR	NR	NR		C-5844	
1952	U	PROD	1	0	1350	69699	2	0	NR	NR	NR	NR	48	C-3034	
1949	U	PROD	2	0	1350	86689	2	0	NR	NR	NR	NR	49	C-2158	
1977	U	PROD	5	0	500	NR	5	0	2	NR	NR	NR		CR-3771	
1977	U	PROD	12	0	1235	NR	12	0	15	NR	NR	NR		CR-4775	
NR	U	PROD	3	0	310	NR	3	0	2	NR	NR	NR		C-3476	
1977	U	PROD	2	0	613	2453	24	1	32	160	10	NR		CR-4774	
NR	U	PROD	1	0	100	NR	4	0	2	NR	1	NR		C-3387	
1976	U	PROD	1	0	30	NR	1	0	1	NR	1	NR		C-18635	
1976	U	PROD	1	0	100	NR	2	0	1	NR	1	NR		C-18633	
1968	U	PROD	1	0	55	NR	1	0	2	NR	NR	NR		C-14280	

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ---
MC PHERSON COUNTY *****							
RITZ-CANTON FIELD -----							
FRANK JONES OIL 23-19S 2W	C-7617	RITZ-CANTON	P	MISS	2900	8	35.0
GEORGE R. HESS 1-20S 2W	C-5682	FLOOK	P	MISS	2945	8	35.0
GEORGE R. HESS 2-19S 2W	C-17403	MARVIN HILL	P	MISS	2955	8	36.0
GEORGE R. HESS 3,4-19S 2W	C-17373	G.A. & DELLA NELSON	P	MISS	2953	9	37.0
GEORGE R. HESS 22-19S 2W	C-8148	THOMPSON B		MISS	2943	25	35.0
GEORGE R. HESS 16-19S 2W	C-5630	H.P. UNRUH	P	MISS	2976	26	35.0
HESS & BRUCE 24-19S 2W	C-18480	HESS & BRUCE UNIT	P	MISS	2945	11	36.0
HILLENBURG OIL 13-19S 2W	C-9787	F.A. LOVETT	D	MISS	2916	60	34.0
HILLENBURG OIL 34-19S 2W	C-6975	UNRUH	D	MISS	2945	11	35.0
HILLENBURG OIL 26-19S 2W	C-7971	EATON	D	MISS	2930	30	35.0
HILLENBURG OIL 23-19S 2W	C-7969	KUNDSON	D	MISS	2930	30	35.0
KREHBIEL OIL 34-19S 2W	C-4067	KOEHN B	D	MISS	2963	5	36.0
KREHBIEL OIL 20-19S 1W	C-8813	LACQUEMENT		MISS	2980	5	37.0
PAUL BANDY 30-19S 1W	C-18717	ANDERSON	D	VIOLA	2975	6	35.0
RAY PERERA 35-19S 2W	C-7076	DRUM-SOMERS	D	MISS	3935	12	35.0
ROUND HILL FIELD -----							
LEONARD L. BRUCE 33-18S 1W	C-14770	KREHBIEL A		MISS	2840	10	36.0
ROXBURY SOUTH FIELD -----							
ELMER UNRUH 20,29-17S 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
VOSHALL FIELD -----							
K.E. SNYDER 26-20S 3W	C-14203	SCHRAG FLOOD PROJECT	W	MISS	3090	3	36.0
WELCH-BORNHOLDT FIELD -----							
DICK HESS 30-20S 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

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)		
					1978	CUM			1978	CUM	1978	CUM		
1952	U	PROD	1	0	73	NR	5	0	6	NR	NR	NR		C-7617
1958	T	PROD	1	0	88	859	2	0	7	191	7	27		C-5682
1974	T	PROD	1	0	73	214	6	0	4	219	4	24		C-17403
1974	T	PROD	3	0	340	1332	14	0	13	620	13	69		C-17373
1960	T	PROD	1	0	63	581	2	0	3	206	3	18		C-8148
1957	T	PROD	1	0	77	1395	4	0	7	179	7	29		C-5630
1976	T	PROD	2	0	833	1884	20	0	16	6049	16	36		C-18480
1948	U	PROD	1	0	730	NR	3	0	5	NR	NR	NR		C-9787
1959	U	PROD	1	0	292	2106	4	0	3	NR	NR	NR		C-2039 C-6975
1960		NR	0	0	0	NR	4	0	6	NR	NR	NR		C-7971
1960		NR	0	0	0	NR	3	0	4	NR	NR	NR		C-7969
1965	T	PROD	1	0	15	190	2	0	NR	NR	NR	NR		C-4067
1961	T	PROD	1	0	292	819	3	0	NR	NR	NR	NR		C-8813
1977	M	PROD	1	0	73	NR	1	0	5	12	NR	NR		C-18717
1958	T	PROD	0	0	0	NR	3	0	1	NR	NR	NR		C-7076 C-6760
1975	U	PROD	1	0	51	NR	1	0	1	NR	1	3		C-14770
1952	U	PROD	1	0	170	NR	3	0	3	NR	1	NR		C-3219
1958	U	PROD	1	0	135	3827	1	0	1	50	1	NR		C-17536
1968	M	PROD&SHSD	1	0	26	204	3	0	1	46	NR	NR		C-14203
1974	T	PROD	1	0	74	359	1	0	1	25	1	3		C-17665
1975	M	PROD & FR	1	0	84	370	4	0	14	49	5	14		C-17603

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

*SEE ALSO HARVEY-MC PHERSON

MEADE COUNTY

ADAMS RANCH FIELD

ENERGY ENTERPRISES 25-34S30W	C-6354	A.W. ADAMS D	P	MARM	NR	NR	NR
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NOVINGER FIELD

CITGO 22,23,26,27,34-33S30W 2,3-34S30W 35-33S30W	C-4924	NOVINGER FIELD UNIT	W	MARM	5297	NR	45.0
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MIAMI COUNTY

BLACK FIELD

ROBERT A. MASON 3,9,10-19S24E	C-590	SOUTH NEW LANCASTER	W	PERU	200	12	27.0
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LOUISBURG FIELD

REESE EXPLORATION 9-17S25E	C-18249	LOUISBURG	W	PERU	400	11	32.0
REESE EXPLORATION 28,34-16S25E	C-5762	LOUISBURG	W	PERU	330	9	33.0

PAOLA-RANTOUL FIELD

DIAMOND-B INDUSTRIES 24-16S21E	C-5273	MIAMI FLOOD		SQUIR	670	12	31.0
DONALD L. JOHNSON 4-17S 2E	C-18513	PERDUE	D	SQUIR	610	10	32.0
FLOYD L. JACKSON, JR 26-16S21E	C-18679	BOOZE	P	SQUIR	675	25	29.0
JACK ROWLETT 17-17S23E	CR3774	GEIGER	W	WAY	382	6	29.0
KEHM OIL 25-16S21E	C-18256	PFLUG	W	SQUIR	680	8	26.0
KEHM OIL 14-16S21E	C-18294	PHILLIPS PETROLEUM	W	SQUIR	670	8	30.0
LEO TUCKER BLACKSTON 11-17S22E	C-4829	SCHMITT	W	SQUIR	550	10	29.0
MARVIN STROBEL 17-17S23E	C-12704	KEPPLE	D	PERU	360	28	32.0
MID-STATES PETR 1-17S23E	C-18474	EVERHART-SOUTH	P	PERU	420	22	32.0
QUINN OIL 10-17S22E	C-4864	KCS		SQUIR	700	15	29.0
R.E. LO (SDON 13-16S21E	C-18332	NUTT	P	SQUIR	690	10	32.0
REESE EXPLORATION 24-16S21E	C-5273	MIAMI FLOOD	W	SQUIR	700	12	31.0

*SEE ALSO LINN-MIAMI

MONTGOMERY COUNTY

BREWSTER FIELD

WYCKOFF & E. RUNYON 4,5-33S16E	C-18143	UNIVERSAL ATLAS	D	ARB	1350	2	22.0
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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)				
					1978 CUM				1978 CUM		1978 CUM				
1958		PROD	1	0	36	NR	1	0	NR	NR	NR	NR	50	C-6354	
1956	M	PROD & SHSD	9	0	737	23423	9	0	49	4829	49	2609		C-4924	
1967	M	PROD & POND	16	0	62	877	39	0	5	81	5	NR		C-590 C-13497	
1964	M	PROD	NR	NR	270	NR	28	0	6	NR	NR	NR		C-18249	
1958	U	PROD	NR	NR	NR	NR	22	0	7	NR	NR	NR		C-5762	
NR	U	PROD & MISS	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	51	C-5273 C-471	
1976	U	PROD	1	0	2	NR	18	4	6	NR	NR	NR		C-18513	
1977	U	PROD	1	0	5	11	5	NR	1	3	1	3		C-18679	
1977	U	PROD	1	0	2	NR	1	NR	1	NR	NR	NR		CR3774	
NR	U	PROD	3	NR	NR	NR	7	1	1	NR	NR	NR	52	C-18256	
NR	U	PROD	4	0	NR	NR	20	3	8	NR	NR	NR	53	C-18294	
NR	U	PROD	3	0	1	NR	8	2	1	2	NR	NR		C-4829	
NR	T	PROD	0	NR	0	0	3	NR	NR	NR	NR	NR	54	C-12704	
1976	T	PROD	1	0	7	33	7	0	1	6	NR	NR		C-18474	
1954	T	PROD	24	0	36	NR	44	1	4	NR	NR	NR	55	C-4864 C-2494	
1976	U	NR	NR	NR	NR	NR	18	6	7	NR	NR	NR		C-18332	
NR	M	PROD & MISS	NR	NR	0	NR	52	30	30	NR	NR	NR		C-5273 C-471	
1958	U	PROD	1	0	58	NR	13	0	4	NR	4	NR		C-18143	

OPERATOR	PROJECT	PROJECT NAME	TYP	OIL PRODUCING ZONE			
LOCATION	NO		PRJ	NAME	DEPTH	THK	GRAV
MONTGOMERY COUNTY							
COFFEYVILLE-CHERRY. FIELD							
BMG INC 17-34S17E	C-18625	HELLON-CLAUSING	D	ARB	1185	2	25.0
COFFEYVILLE-CHERRY. FIELD							
ALEXANDER-SEATON 17-34S17E	C-5236	CLARK HUDSON	W	BARTL	605	20	31.0
BMG INC 25,36-34S15E	C-15114	BENSON	D	ARB	1200	5	25.0
DODSON PRODUCTION 36-31S16E	CR-7775	HOLLOWAY	D	BARTL	918	9	34.0
DONALD ELDER 19-34S17E	C-18251	ELDER	D	SQUIR	485	8	30.0
NICHOLAS SAGE 30-31S17E	C-18071	BECKLEY-SMITH	W	BARTL	858	16	34.0
JEFFERSON-SYCAMORE FIELD							
BMG INC 20,21-31S15E	CR-6777	SMITH-SHERWIN	D	ARB	1550	3	NR
E & H FARMS 13-34S15E	C-13445	E & H FARMS	P	SQUIR	400	10	29.0
LAYTON OIL 18-33S15E	C-14651	BOLTON EXTENSION	W	BARTL	1186	15	33.0
LAYTON OIL 13-33S14E	C-13620	BOLTON EXTENTION	W	BARTL	1170	16	35.0
19-33S15E							
STEKOLL PETROLEUM 15,16,19,21-34S15E	C-7871	FITZGERALD UNIT	P	WAY	450	13	32.0
STEKOLL PETROLEUM 6-33S15E	C-2045	FIELD NO. 3	P	BARTL	1160	13	35.0
WYCKOFF & E. RUNYON 8-33S14E	C-7077	ZINSER	D	BARTL	1190	10	34.0
NEODESHA FIELD							
RMEX 11-31S16E	CR-4776	NANTZ	P	BARTL	911	8	37.0
SORGUM HOLLOW FIELD							
BRADEN PRODUCTION 17,19,20-32S14E	C-4990	FOWLER		NR	NR	NR	
BRADEN PRODUCTION 30,31-32S14E	C-4666	LINN	P	WEISER	850	50	30.0
TYRO FIELD							
COGASGO EXPLOR 15,16-35S15E	CR11771	NEWBY-FOLK	W	BARTL	1190	30	32.0
COLLINS OIL 18-35S18E	C-18002	VINSON	D	BARTL	1240	23	34.0
COLLINS OIL 4,5-35S15E	C-17353	COLLINS	W	BARTL	1220	28	33.0
H & M OIL WELL SERV 3,10-35S15E	C-18298	TUGGLE	W	BARTL	1200	15	32.0
H.E. BOOTS 9-35S15E	C-14676	BACHMAN		WAY	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)		
					1978	CUM			1978	CUM	1978	CUM		
1977	U	PROD	1	0	1	NR	1	0	0	1	NR	NR		C-18625
1968	U	PROD	6	0	36	NR	12	1	2	NR	1	NR		C-5236
1970	U	PROD	1	0	120	NR	2	0	2	20	NR	NR		C-15114
1977	U	PROD	1	0	2	NR	14	0	1	NR	1	NR		CR-7775
1977	U	PROD	1	0	1	NR	3	0	1	NR	NR	NR		C-18251
1976	U	OSWE	1	0	12	41	7	0	2	17	1	4	56	C-18071
1976	U	PROD	1	0	120	NR	8	0	4	17	NR	NR		CR-6777
1976	U	PROD	1	0	NR	NR	10	0	2	5	NR	NR		C-13445
1968	U	PROD & ARB	3	0	8	417	3	0	1	27	1	27		C-14651
1967	U	PROD & MISS	14	0	170	1774	14	0	7	87	7	87		C-13620 C-10093
1957	M	PROD & FR	36	0	212	NR	53	0	270	NR	NR	NR		C-7871
1959	M	PROD & FR	7	0	8	39	9	0	3	34	NR	NR		C-2045
1960	U	PROD	1	0	7	NR	3	2	1	NR	1	NR		C-7077
1977	U	PROD & OSWE	NR	NR	10	13	25	0	2	17	1	1		CR-4776
NR		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	57	C-4990
NR	U	PROD	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	58	C-4666
1977	U	PROD	1	0	38	60	1	0	1	1	0	0	59	CR11771
NR	U	PROD	0	0	0	0	2	1	5	NR	0	0		C-18002
1974	U	PROD	1	0	75	282	4	0	1	2	1	2		C-17353
1976	U	PROD	1	0	NR	NR	10	0	1	NR	NR	NR		C-18298
NR		NR	1	0	14	NR	6	0	2	NR	NR	NR		C-14676

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV -----			
MONTGOMERY COUNTY *****							
TYRO FIELD -----							
LAYTON OIL 33-34S15E	C-14036	TYRO UNIT	W	BARTL	1164	17	32.0
WAYSIDE-HAVANA FIELD -----							
DODSON PRODUCTION 26-33S14E	CR11773	PATTERSON	D	WAY	696	16	29.0
GATOR OIL 17,20-34S15E	C-10448	MCCONNELL UNIT	D	WAY	500	20	31.0
H.E. BOOTS 27-33S14E	C-17993	VEITH		WAY	720	45	30.0
H.J. HORTON 15-34S14E	C-17885	KELLENBERGER	P	WEISNER	760	14	30.0
H.J. HORTON 28-33S14E	C-7983	SMOTHERMAN	P	WAY	700	30	29.0
H.J. HORTON 33-33S14E	C-3222	HAVENER	P	WAY	700	30	30.0
H.J. HORTON 28-33S14E	C-11712	MANTOOTH-DUNHAM	W	WAY	700	30	29.0
H.J. HORTON 33-33S14E	C-15264	A.D. BERRY	P	WAY	735	30	29.0
JUBILLE OIL 30-33S14E	C-18026	DAVIDSON	P	WAY	660	8	29.0
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 5,7,8-34S14E 32-35S14E	C-13726	WAYSIDE	W	WAY	718	18	30.0
NUNNELEY & POWELL 13-34S14E	C-17941	NUNNELEY	P	WAY	580	15	30.0
NUNNELEY & POWELL 5-34S14E	C-18598	KELLENBERGER	P	WAY	810	20	30.0
RAYGARY OIL 20-33S14E	C-18029	CIRCLE C	P	WISNER	784	14	31.0
RAYGARY OIL 34-33S14E	C-4513	WATSON	P	WAY	722	20	29.0
RAYGARY OIL 34-33S14E	C-18019	DEFENBURSH	P	WAY	682	20	29.0
WHEELER & HADDAN 18-34S15E	C-16035	SNELL UNIT	D	WAY	550	30	32.0

*SEE ALSO LABETTE-MONTGOMERY

MORRIS COUNTY
*****BOSCH FIELD

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

M.L. BROWN 13-16S 9E	C-15416	PORTER A	D	VIOLA	2930	18	NR
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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)		
					1978	CUM			1978	CUM	1978	CUM		
NR	T	PROD & TUCK	11	0	265	1625	13	0	5	33	5	33		C-14036
1977	T	PROD	1	0	1	7	1	0	1	1	NR	NR		CR11773
NR	U	PROD	3	0	150	NR	10	8	2	NR	NR	NR	60	C-10448
1975	U	PROD	1	0	11	NR	7	1	2	NR	0	NR		C-17993
1975	U	PROD	1	0	5	7	5	0	1	4	NR	NR		C-17885
NR	U	PROD	0	0	0	NR	2	1	1	2	NR	NR		C-7983
1954	U	PROD	1	0	5	2038	8	0	5	21	NR	NR		C-3222
1965	U	PROD	4	0	26	148	16	0	5	68	2	27		C-11712
1969	U	PROD	1	0	6	40	13	0	2	19	1	4		C-15264
1978	T	PROD	2	0	7	NR	3	0	1	NR	NR	NR	61	C-18026
1970	U	PROD	10	19	42	49	33	15	15	32	NR	NR		C-326
1967	U	PROD	1	0	9	78	2	0	1	4	1	4		C-13823
1974	U	PROD & SWS	82	0	879	2297	96	5	77	324	77	324	C-10447 C-9034	C-13726 C-1439
1974	U	PROD	1	0	4	10	9	1	2	5	NR	NR		C-17941
1976	U	PROD	2	0	25	NR	5	1	4	NR	NR	NR		C-18598
1975	T	PROD	6	0	31	NR	10	0	3	NR	NR	NR		C-18029
1976	T	PROD	1	0	2	NR	7	2	2	NR	NR	NR		C-4513
1975	U	PROD	2	0	7	NR	14	2	2	NR	NR	NR		C-18019
1971	U	PROD	5	0	8	NR	46	4	13	NR	1	NR		C-16035
1973	M	PROD	2	0	493	NR	2	0	3785	NR	NR	NR		C-17028
1970	T	PROD	1	0	403	2647	1	0	3	107	NR	NR		C-15416

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH ---	THK ---	GRAV ---
MORTON COUNTY *****							
BERRYMAN FIELD -----							
LADD PETROLEUM 26,27,34,35-32S41W 2,3,8,9,10,16-33S41W	C-18039	BERRYMAN-RICHFIELD	W	MORR	4925	20	38.0
ELKHART FIELD -----							
TEXACO 23-25S43W	C-15918	CARTHAGE NE MORROW A	W	MORR	4300	15	40.4
INTERSTATE FIELD -----							
ANADARKO PRODUCTION 26,35-35S42W 2-35S42W	C-15849	TALOGA MORROW G UNIT	W	MARR	4494	11	43.5
ANADARKO PRODUCTION 8,9,16,17,20,-34S43W 8,9,16 21, 28,29,31,3-34S43W	C-11602	INTERSTATE PURDY UT	W	PURDY	4192	35	39.0
TALOGA SOUTH FIELD -----							
CITGO 1,10,11,12,13-35S42W 14-35S42W	C-13899	MORROW G SAND UNIT	W	MORR	4553	14	39.0
WILBURTON FIELD -----							
CITGO 28,29,32,33-34S41W	C-12571	WILBURTON MORROW C	P	MORR	4900	20	40.2
CITGO 5-35S41W	C-13848	WILBURTON MORROW UT	W	MORR	5050	1	40.2
NEOSHO COUNTY *****							
ERIE FIELD -----							
AMERICAN ENERGY 34,35,36-28S20E	CW-3781	ERIE PROJECT	W	BARTL	500	14	31.0
ANDCO OIL 2-29S20E	C-17765	STEGMAN		BARTL	720	15	31.9
GRAYBOL-PATTON 13-28S19E	C-11382	SHAW UNIT	W	BARTL	600	15	32.0
GRAYBOL-PATTON 13,18-28S19E	C-15249	KINNE UNIT	W	BARTL	600	15	32.0
GRAYBOL-PATTON 10,11,14-28S19E	C-15761	HUDSON UNIT	W	BARTL	600	15	32.0
JACKSON OIL 27-28S20E	C-15675	MAPHIES	W	BARTL	480	20	32.0
HUMBOLDT-CHANUTE FIELD -----							
EDWIN L. DANIELS 21,22,28-27S19E	CR-4784	LOCKE	D	BARTL	700	10	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 OR (MMCF)		MB OR (MMCF)			
					1978 CUM				1978 CUM		1978 CUM			
1976	F	FR	9	0	2244	7994	14	0	195	590	195	590		C-18039
1971	M	PROD & OGLA	1	0	113	100	2	0	5	105	5	101		C-15918
1971	M	PROD & OGLA	0	0	0	4682	5	0	4	62	4	62		C-15849
1965	M	PROD & OGLA	11	0	6403	88988	31	3	624	21663	624	12300		C-11602
1965	M	PROD & OGLA	9	0	737	23422	9	0	49	4829	49	2609		C-13899
1966	M	PROD & OGLA	7	0	1612	18992	14	0	32	7192	323	3681		C-12571
1968	M	PROD & OGLA	2	0	111	1478	1	0	5	216	5	119		C-13848
NR	U	PROD	21	0	70	NR	58	0	8	NR	NR	NR		CW-3781
1975		NR	0	0	0	NR	3	6	1	3	NR	NR	62	C-17765
1963	M	PROD & FR	2	0	49	749	4	0	1	23	NR	NR		C-11382
1969	M	PROD & FR	13	0	182	1673	16	0	10	198	NR	NR		C-15249
1970	M	PROD & FR	14	0	139	NR	30	0	12	140	NR	NR		C-15761
1975	T	PROD & ARB	4	0	15	72	9	0	2	8	1	3		C-15675
1976	U	PROD	4	0	15	15	8	0	1	NR	NR	NR		CR-4784

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
NEOSHO COUNTY *****							
HUMBOLDT-CHANUTE FIELD -----							
F.B. SHOOK 6-27S19E	C-18363	BURRIS	P	BARTL	800	6	NR
GRAYBOL-PATTON 33-27S19E	C-17823	LA RUE	W	BARTL	740	10	32.0
L.F. DEPLEY OIL ACCT 2-28S17E	C-18268	KEPLEY	W	SQU&CAT	820	28	NR
P & W OIL 20-28S18E	C-4121	SPIEKER	P	BARTL	780	15	36.0
TEXACO 1,2,10,11,12-27S18E 6,7-27S19E 14,15,21,22-27S18E 26,27-27S18E	C-11	RUSSELL BLOCK	W	BARTL	700	20	32.0
OBRIEN FIELD -----							
SKYLER LIMITED 17-29S21E	C-8870	SISTERS		BARTL	447	21	30.0
ST. PAUL-WALNUT FIELD -----							
DRILEX OIL & GAS 33-28S21E	C-4612	VAN LEEUWEN-DENT	W	BARTL	400	10	30.0
KANALTA RESOURCES 30-28S21E	C-6713	BUTLER		BARTL	500	16	27.0
THAYER FIELD -----							
COMPRESSOR SYS TULSA 18,19,30-30S18E	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
JACKSON OIL 22-28S20E	C-8378	MCDERMED	W	BARTL	480	20	30.1
JACKSON OIL 22-28S20E	C-16939	YARNELL	W	BARTL	480	20	20.0
KANALTA RESOURCES 23-28S20E	C-7073	DOGGET-HAZEN	W	BARTL	500	16	29.0
TRENT EAST FIELD -----							
JACKSON OIL 29-28S21E	C-9986	CASADY	W	BARTL	380	20	31.0
WALNUT FIELD -----							
L & L OIL 29-28S21E	CR-1782	MOAGLAND	P	BARTL	395	14	30.0
*SEE ALSO ALLEN-NEOSHO							
NESS COUNTY *****							
ALDRICH FIELD -----							
CONOCO 7,8-18S25W	C-14618	ALDRICH	W	MISS	4350	12	36.1

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)	1978 CUM	TOT	NEW	MB OR (MMCF)	1978 CUM	1978	CUM		
1976	U	PROD	1	0	2	NR	5	0	1	NR	0	0		C-18363
1978	M	PROD & FR	NR	NR	0	NR	NR	NR	0	NR	0	NR		C-17823
1976	T	PROD & TUCK	1	0	20	43	6	0	1	3	NR	NR		C-18268
NR	U	PROD	1	0	6	NR	3	3	1	NR	0	0	63	C-4121
1974	M	PROD & ARB	74	0	825	5266	343	0	13	64	13	64		C-11
											C-264	C-290	C-514	C-741
NR	U	PROD	1	0	1	NR	4	0	1	NR	1	NR	64	C-8870
1966	M	PROD	10	0	36	NR	11	2	1	NR	NR	NR	65	C-4612
1958	M	PROD & MISS	9	0	NR	NR	10	0	1	NR	1	NR		C-6713
											C-264	C-290	C-514	C-741
1978	U	PROD	2	0	77	77	24	0	4	NR	NR	NR		CW-3782
1967	T	PROD	8	0	29	NR	40	2	9	NR	NR	NR		C-10766
NR	M	PROD & FR	9	0	2	189	1	0	2	57	2	NR		C-8145
1968	T	PROD & ARB	13	0	30	251	17	0	5	36	NR	NR		C-8378
1976	T	PROD & ARB	44	0	81	221	40	0	5	15	2	8		C-16939
NR	U	PROD	8	0	NR	NR	7	0	1	NR	1	NR		C-7073
1973	T	PROD & ARB	30	0	299	2319	63	0	16	351	5	106		C-9986
NR	M	PROD	4	0	2	NR	12	0	1	NR	NR	NR		CR-1782
1968	U	PROD	1	0	238	1991	4	0	9	92	6	38		C-14618

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME -----	DEPTH -----	THK ---	GRAV ---
NESS COUNTY *****							
ALDRICH FIELD -----							
HILLENBURG OIL 22,23,24-18S26W	C-7632	ALDRIDGE	W	MISS	4430	8	36.0
PALOMINO PETROLEUM 4-18S25W	CR12773	REED		MISS	4300	10	38.0
PALOMINO-REED OIL 27,33,34-17S25W	C-18583	PALOMINO-REED		MISS	4303	6	37.0
TENNECO 8-18S25E	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 -----							
BARNETT OIL 26-17S25W	C-13484	SHEARER B	P	MISS	4300	30	37.0
BELLESPRIT FIELD -----							
WALTERS DRILLING 22-16S21W	C-14896	RYAN	P	CHER	4260	15	38.0
DICKMAN FIELD -----							
WALTERS DRILLING 8,17,18-17S24W	C-10347	DICKMAN	P	MISS	4500	40	35.0
DICKMAN SOUTHEAST FIELD -----							
PALOMINO PETROLEUM 16,21-17S24W	CR-7776	HABIGER-KEILMAN	D	MISS	4393	10	36.0
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
STUTZ EAST FIELD -----							
OIL PROPERTY MGT 8,9,10,16-17S25W	C-17407	RUPP F	P	MISS	4440	20	37.0
SUNSHINE FIELD -----							
PALOMINO PETROLEUM 7-19S24W 12-19S25W	CR-7774	MCDONALD	D	MISS	4390	10	38.0

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)		
						1978	CUM			1978	CUM	1978	CUM	
1956	T	PROD	1	0	475	NR	5	0	14	NR	14	NR	C-4376	C-7632
1978	U	PROD	1	1	66	66	4	0	22	22	NR	NR		C-2952
														CR12773
1976	T	PROD & DAK	1	0	66	149	6	1	20	64	NR	NR		C-18583
1955	T	PROD	1	0	49	889	1	0	2	302	NR	NR		C-7751
1963	U	PROD	1	0	14	241	1	0	1	68	1	1		C-9920
1967	U	PROD	1	0	237	2103	5	0	27	525	8	57		C-13484
NR	T	PROD	1	0	37	NR	1	0	9	302	2	73		C-14896
1963	T	PROD	1	0	484	NR	6	0	22	718	11	359		C-10347
1977	U	PROD	1	0	36	47	3	0	15	46	0	0		CR-7776
1971	T	PROD	1	0	8	63	1	0	1	23	NR	NR		C-16067
1977	U	PROD	1	0	43	70	4	0	8	11	NR	NR		CR77713
1964	U	PROD	2	0	98	1443	1	0	6	408	0	0	66	C-10676
1974	U	PROD	NR	NR	56	NR	3	0	3	NR	NR	NR		C-17321
1974	T	PROD	1	0	6	57	1	0	7	222	1	7		C-17417
1974	T	PROD	1	0	122	716	10	0	35	316	NR	NR		C-17407
1977	U	PROD	1	0	39	49	3	0	7	16	NR	NR		CR-7774

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
NORTON COUNTY *****							
HANSEN ESTATE FIELD -----							
LEBEN OIL 2- 5S22W	C-15718	STENGER		GORHAM	3575	2	36.0
HARTING FIELD -----							
ROBERT E. DAVIS 2- 4S23W	C-17985	HARTING	M	REAGAN	3701	10	28.0
OSBORNE COUNTY *****							
NATOMA FIELD -----							
GRAHAM-MICHAELIS 19,30-10S19W	CR10782	LOCKE-LOCKE BROS	D	CONGL	3600	20	NR
PAWNEE COUNTY *****							
BADGER HILL FIELD -----							
WALTERS DRILLING 7-23S18W	C-16981	ZUGG	P	LKC	4200	10	41.0
BENSON FIELD -----							
CITGO 31,32-23S15W	C-6115	BENSON UNIT SE	M	LKC	3700	35	41.0
DUNES NORTH FIELD -----							
LEBEN OIL 15-22S15W	C-18063	FERTIG B	D	LKC	3512	231	41.0
GARFIELD FIELD -----							
A.L. ABERCROMBIE 9-23S17W	C-8878	HUTCHISON D	D	MISS	4228	26	35.0
M.L. BROWN 16,17,18,20,21-23S17W	C-12708	GARFIELD	D	MISS	4228	31	37.0
MURRAY FIELD -----							
A. SCOTT RITCHIE 2-22S15W	C-17322	COMPTON	P	ARB	3947	103	60.0
LOVETT FIELD -----							
LEBEN OIL 35-22S15W	C-17123	GUFFY		TOP-LKC	3686	6	NR
ORO NORTHWEST FIELD -----							
NCRA 5-20S19W	C-14971	VAN RENSSELAER	M	PAWNEE	4194	7	45.4

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)			
					1978 CUM					1978 CUM		1978 CUM			
1970	T	PROD	NR	NR	2	15		1	0	2	24	NR	NR		C-15718
1975	U	PROD	0	0	0	154		4	0	4	124	1	6		C-17985
1978	U	PROD	1	1	50	50		6	5	0	NR	0	0		CR10782
NR	T	PROD	1	0	104	NR		3	0	28	455	10	144		C-16981
1958	M	PROD & FR	3	0	344	8385		3	0	4	881	4	366		C-6115
NR	T	PROD	1	0	6	22		1	0	2	NR	NR	NR	67	C-18063
1965	U	PROD	1	0	7	1485		2	0	1	607	0	0		C-8878
1963	T	PROD	1	0	34	1437		3	0	6	1383	2	46		C-12708 C-10116
1974	U	PROD	4	0	159	505		4	0	10	128	10	NR		C-17322
1974	U	PROD	1	0	10	38		1	0	2	51	NR	NR		C-17123
1969	U	PROD	1	0	170	851		2	0	9	378	NR	NR		C-14971

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
PAWNEE COUNTY *****							
POINT VIEW FIELD -----							
F & M OIL 25-22S15W	C-18538	POINT VIEW	P	LANS	3570	5	24.0
RUTHERFORD FIELD -----							
MURFIN DRILLING 5-20S16W	C-14328	ALMQUIST WF	P	ARB	3788	125	42.0
SHILEY FIELD -----							
CITGO 13,14-20S20W	C-12417	SHILEY WF	W	B PENN	4170	7	36.0
PHILLIPS COUNTY *****							
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	3200	23	36.0
DELLA FIELD -----							
PETROLEUM MANAGEMENT 17,18,19- 4S19W 24- 4S20W	C-15367	SLINKER	W	LKC	3180	152	35.0
FREDERICKSBERG FIELD -----							
LADD PETROLEUM 9- 1S18W	C-15214	SEYLER UNIT	W	LKC	3050	450	35.0
HANSEN FIELD -----							
CITGO 14- 5S20W	C-17919	HANSEN LKC	W	LKC	2926	30	36.0
GETTY OIL 22,23- 5S20W	C-17918	B.O. GRAHAM	W	LANS	3232	32	36.0
HUFFSTUTTER FIELD -----							
BAIRD OIL 15- 1S18W	C-17599	WOLF	W	LKC	3286	219	36.0
GOODS & PHILLIPS 22- 1S18W	C-15283	O'NEILL PM	P	LKC	3327	20	34.0
LADD PETROLEUM 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

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 OR (MMCF)		MB OR (MMCF)		NO
					1978 CUM				1978 CUM		1978 CUM		
1975	U	PROD	NR	NR	11	39	1	0	4	20	NR	NR	C-18538
1968	T	PROD	1	0	42	709	2	0	2	350	2	314	C-14328
1961	M	PROD & DAK	1	0	106	2744	2	0	4	539	4	317	C-12417 C-8460
1971	T	PROD & DAK	4	0	203	1370	10	0	20	333	20	157	C-16225
1960	T	PROD & CHEY	6	0	266	4539	7	0	20	612	20	612	C-8011
1970	U	PROD	1	0	57	443	2	0	2	21	2	15	C-15367
1969	T	DAK	1	0	4	338	3	0	6	87	6	87	C-15214
1976	T	PROD	9	0	928	2184	23	0	132	1933	112	337	C-17919
1976	U	PROD	3	0	268	658	10	0	47	1728	30	70	C-17918
1974	U	PROD	3	0	241	296	18	2	57	402	NR	NR	C-17599
1969	T	PROD	1	0	23	239	1	0	1	24	1	14	C-15283
1956	T	PROD & DAK	22	0	608	12551	28	0	88	3609	88	3609	C-6746
1961	T	DAK	13	0	676	9512	36	0	74	2325	74	2325	C-8461
1967	T	DAK	2	0	88	1484	5	0	8	248	8	248	C-13834

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV -----			
PHILLIPS COUNTY *****							
HUFFSTUTTER FIELD -----							
PHILLIPS PETROLEUM 7- 2S18W	C-9984	HUFFSTUTTER	W	LKC	3400	50	36.0
12- 2S19W							
PHILLIPS PETROLEUM 13- 2S19W	C-8141	HUFFSTUTTER COOP UNIT	W	LKC	3400	50	35.0
SIERRA PETROLEUM 23- 2S19W	C-8195	KELLY UNIT	W	LKC	3280	176	32.0
LOGAN FIELD -----							
DANE G. HANSEN TRUST 34,35- 4S20W	C-13887	STEPHENS-ROSS	D	LKC	3200	250	32.0
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 -----							
CITGO 25- 4S20W	C-13967	SLINKER TORONTO-LKC	W	TOR&LKC	3118	20	37.0
PETROLEUM MANAGEMENT 19,29,30- 4S19W	C-16645	ADEE UNIT	W	LANS	3162	150	36.0
STONEMAN FIELD -----							
PETROLEUM MANAGEMENT 20,21,29- 4S18W	C-12730	STONEMAN	W	LKC	3105	235	38.0
PETROLEUM MANAGEMENT 20- 4S18W	C-14228	T.W. JACKSON	W	LANS	NR	NR	NR
SANTA FE P & S INC 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
PRATT COUNTY *****							
BARNES SOUTHWEST FIELD -----							
BOWERS DRILLING 35-27S12W	C-14279	BARKER	P	KC	3626	8	38.0

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 OR (MMCF)		MB OR (MMCF)		NO
					1978 CUM				1978 CUM		1978 CUM		
1963	U	PROD & DAK	6	0	366	5007	12	0	27	965	24	530	C-9984
1972	U	PROD & DAK	2	0	297	3148	5	0	13	885	11	301	C-8141
1961	T	PROD	1	0	47	1325	2	0	2	117	2	117	C-8195
1967	T	PROD	1	0	17	225	2	0	3	48	NR	NR	C-13887
1966	T	PROD & DAK	2	0	82	1603	2	0	3	333	3	333	C-15215 C-6898
1978	U	PROD	1	0	2	2	1	0	1	1	NR	NR	CR-5787
1967	M	PROD & DAK	5	0	635	6266	6	0	24	1287	24	440	C-13967
1972	U	PROD	1	0	141	536	5	0	7	110	7	40	C-16645
1964	M	PROD & DAK	5	0	239	3322	11	0	38	991	38	406	C-12730
NR	NR		1	0	10	229	0	0	0	0	0	0	C-12729 C-14228 C-14227
1966	U	PROD & CEDH	1	0	11	279	2	0	1	36	NR	NR	C-12731
1973	U	PROD	2	0	180	6778	2	0	2	64	2	64	C-6131
1973	U	PROD	1	0	68	326	2	0	4	81	4	40	C-16728
1972	M	PROD & FR	1	0	280	1090	7	0	12	454	5	29	C-14279

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV -----			
PRATT COUNTY *****							
CHITWOOD FIELD -----							
RAYMOND OIL 14,22,23,26,27-28S12W	C-4080	CHITWOOD	W	SIMP	4390	23	38.0
CUNNINGHAM FIELD -----							
BRADEN-DEEM INC 3-28S11W	C-16091	CUNNINGHAM WF	W	LKC	3430	15	36.0
FRISBIE FIELD -----							
ENERGY RESERVES 2-26S15W	C-16624	FRISBIE	W	LKC	3980	6	31.5
GEREKE WEST FIELD -----							
PHILLIPS PETROLEUM 2,10,11-26S15W	C-15235	GEREKE UNIT	W	LKC	3980	56	38.0
IUKA-CARMI FIELD -----							
GETTY OIL 7,18-27S12W	C-8202	SO IUKA-CARMI UNIT	W	SIMP	4270	16	38.0
GETTY OIL 32-26S12W	C-11297	MISKIMEN WF	W	SIMP	4200	25	40.0
GETTY OIL 32-26S12W	C-13600	MISKIMEN B WF	W	SIMP	4214	30	40.0
GETTY OIL 6,7-27S12W	C-6895	IUKA-CARMI-HELMKE UNIT	W	SIMP	4230	18	38.0
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	37.7
TGT PETR CORP 25-26S23W	C-15384	KNOP (HOEME)	P	VIOLA	4120	25	36.0
MOORE SOUTHWEST FIELD -----							
RAYMOND OIL 10,11,14,15-26S14W	CR-9784	MOORE SOUTHWEST		KINDER	4252	6	NR
MOORE WEST FIELD -----							
THORNTON E. ANDERSON 3,4-26S14W	C-16490	HENDERSON	P	LKC	3804	8	36.0
ROLLINGSON NORTH FIELD -----							
BEREN CORP 19,30,31-27S12W 25,36-27S13W	C-13954	NORTH ROLLINGSON SIMPSON	W	SIMP	4310	7	38.0
*SEE ALSO KINGMAN-PRATT							
RAWLINS COUNTY *****							
BURNTWOOD FIELD -----							
MURFIN DRILLING 36- 1S36W	CR-6781	RAY WF	P	LKC&ORE	4100	8	27.0

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 OR (MMCF)		MB OR (MMCF)		NO
					1978 CUM				1978 CUM		1978 CUM		
1955	U	PROD	3	0	734	40691	4	0	8	3834	NR	NR	C-4080
1971	U	PROD	2	0	23	3782	4	0	5	67	2	11	C-16091
1972	U	PROD	1	0	22	146	2	0	4	409	4	28	C-16624
1969	M	PROD&MEADE	6	0	484	6235	5	0	8	95	6	62	C-15235
1961	M	PROD & SHSD	6	0	731	12289	8	0	13	2487	13	2007	C-8202
1964	F	SH SD	3	0	469	5204	4	0	12	881	12	288	C-11297
1964	M	PROD & SHSD	1	0	214	989	5	0	34	493	34	493	C-13600
1961	M	PROD & SHSD	5	0	1501	22756	7	0	17	3835	17	1698	C-6895
1964	U	PROD	1	0	32	3034	3	0	9	132	9	132	C-11041
1959	T	PROD	1	0	475	11182	5	0	8	1075	8	1075	C-11392
NR	F	SH SD	0	0	0	NR	3	0	2	22	NR	NR	C-15384
1974		PROD	1	0	7	66	1	0	2	12	NR	NR	CR-9784
1972	U	PROD	1	0	26	162	3	1	13	197	1	4	C-16490
1968	U	PROD	1	0	15	NR	6	0	6	796	4	NR	C-13954
1978	T	PROD	1	0	18	18	2	0	5	5	NR	NR	CR-6781

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH -----	THK ---	GRAV ---
RAWLINS COUNTY =====							
CAHOJ FIELD -----							
GETTY OIL 3,4,8,9,10- 1S34W 16,17,18,20- 1S34W 16,17,18,20- 1S34W	C-16643	CAHOJ LKC WATERFLOOD	W	LKC	4062	156	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
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	36.0
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	OREAD	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- 1S32W 16,17, 28,29- 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 INC 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 19-24S 4W	C-9228	WESTFAHL	D	MISS	NR	NR	32.0

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 OR (MMCF)		MB OR (MMCF)		NO
					1978 CUM				1978 CUM		1978 CUM		
1973	U	PROD & DAK	22	0	2580 13856		25	0	103 4648		103 425		C-16643
1976	F	PROD & DAK	8	0	358 1886		7	0	19 810		19 61		C-15518
1978	U	PROD	1	0	1 1		1	0	4 61		NR NR		C-17253
1976	T	PROD	1	0	24 75		5	0	8 367		1 4		C-18265
1975	T	PROD	1	0	60 180		2	0	3 95		2 4		C-18631
1964	T	PROD	1	0	3 659		2	0	4 152		NR NR		C-11929
1968	T	PROD	2	0	76 836		7	0	10 422		4 163		C-18632
1970	T	PROD	2	0	93 608		4	0	8 224		8 100		C-14615 C-15426
1973	U	PROD	1	0	92 233		2	0	6 60		1 NR		C-16985
1974	T	PROD & DAK	4	0	536 1896		13	0	53 1149		36 171		C-17400
1964	U	PROD	1	0	198 3942		3	0	6 295		1 78		C-10925
1967	U	PROD	1	0	18 296		1	0	1 53		NR NR		C-13754
1976	U	PROD	5	0	420 1420		5	0	13 223		NR NR		C-18191
NR	U	PROD	1	0	NR NR		3	0	2 NR		NR NR		C-9228

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
RENO COUNTY *****							
BURRTON FIELD -----							
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	33.0
S & K OIL 25,36-23S 4W	C-12044	FAST-SMITH	D	MISS	3308	52	38.0
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 35-23S 4W	CR-8784	GOERING B	P	HUNTON	3579	2	NR
TGT PETR CORP 15,22,27-23S 4W	C-14675	STRAWN	P	MISS	3330	12	38.0
HILGER SOUTHWEST FIELD -----							
WOODMAN-IANNITTI 20,29-26S 4W	C-15373	C.J. DENBELLE	P	MISNER	3970	5	36.0
NICKLAUS FIELD -----							
PHILLIPS PETROLEUM 3-26S 4W	C-5139	PROUGH	P	LKC	2880	20	35.0
ZENITH-PEACE CREEK FIELD -----							
BRADEN-ZENITH INC 6,7,18-24S10W	C-12893	ZENITH WF UNIT	W	MIS&VIO	3780	60	40.0
1,2,3,10,11,12-24S11W 13,14,15,23,24-24S11W							
CITGO 30,31-22S 9W	C-4456	PEACE CREEK UNIT	W	VIOLA	3750	16	39.0
6-23S 9W 35,36-22S10W 1,2,11,12-23S10W							
RENO-RICE COUNTIES *****							
STERLING FIELD -----							
BEREN CCRP 4,9-22S 8W	C-6188	STUBBS MAYER UNIT	P	MISS	3420	10	35.0
RICE COUNTY *****							
BULL CREEK FIELD -----							
ISERN PETROLEUM 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

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 OR (MMCF)		MB OR (MMCF)		NO
					1978 CUM				1978 CUM		1978 CUM		
1963	U	PROD	1	0	60 534		2	0	2 24		1 NR		C-10414
1965	U	PROD	1	0	290 2344		8	0	31 570		29 325		C-11618
1967	U	PROD	1	0	288 4152		3	0	2 NR		NR NR		C-13167
1966	U	PROD	1	0	762 6189		8	0	22 155		1 5		C-12044
NR	U	PROD	1	0	324 4539		6	0	5 1023		5 1023		C-5368
1968	U	PROD	1	0	864 5872		4	1	11 73		11 73		C-12204
1978	U	PROD	1	0	195 195		1	0	5 5		NR NR		CR-8784
1970	U	PROD	2	0	1715 11741		19	0	91 724		18 92		C-14675
1967	T	PROD	1	1	11 82		3	0	3 52		2 22		C-15373
1956	U	PROD	1	0	47 930		2	0	2 309		NR NR		C-5139
1966	M	PROD & FR	5	0	1648 58434		3	0	19 413		19 387		C-12893
1951	M	PROD & FR	8	0	2511 54983		5	0	36 8171		36 1777		C-4456
1958	M	PROD & SHSD	2		51 1170		7		5 476		4 131	68	C-6188
1967	U	PROD	1	0	49 1805		2	0	4 71		NR NR		C-12968
1971	U	PROD	1	0	73 523		4	0	2 20		1 5		C-16326

OPERATOR LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
RICE COUNTY *****							
CAR SOUTHWEST FIELD -----							
MALONE OIL 20,29,30-20S 9W	C-18065	MALONE	W	SIMP	1543	4	45.0
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 TODD 22,27-19S 9W	C-18413	MURPHY A-5	P	ARB	3200	30	47.0
CITGO 33-19S 9W	C-16251	DEWITT	W	ARB	3195	31	47.7
DON 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
F.G. HOLL ET AL 18,19-20S10W	C-12543	WENKE	W	LKC	3106	8	37.3
FELL & WOLFE OIL 9-20S 9W	CR-9783	MILLER #4	D	ARB	3238	9	42.3
FELL & WOLFE OIL 5,7-20S10W	C-16477	TATLOCK UNIT	D	ARB	3264	8	40.5
ICER ADDIS 10,11-19S10W	C-15792	MERRILL J. BEHNKE	W	DOUG	2842	7	28.0
ICER ADDIS 9-20S10W	C-13524	SCHUBERT	W	SIMP	3400	5	52.0
IRA STEPHENS JR 5-19S19W	C-9916	KELLER		ARB	3235	NR	42.0
LEBEN OIL 22-19S 9W	CR-4773	REESE	D	ARB	3209	22	42.0
MELTZER OIL 29-19S 9W	C-15526	LAYTON-PROJECT	P	KC	2937	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 19-19S 9W	CR-8785	PROFFITT		LKC	NR	NR	NR
SCOTT T. LUTZ 29-19S 9W	C-18514	GROVE	D	ARB	3220	34	40.0
SOUTHERN STATES OIL 11,12-19S10W	C-11993	ALTENBAUMER	P	LKC	2956	50	38.0
SOUTHERN STATES OIL 15-19S10W	C-14299	FELDMAN	P	LKC&DOU	2870	13	30.0
FREDERICK FIELD -----							
NCRA 10,11-18S 9W	C-11795	STAATZ-SCHROEDER	W	SIMP	3252	12	46.0

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)			
					1978	CUM			1978	CUM	1978	CUM			
1976	F	FR	1	0	5	12	2	0	5	16	3	48		C-18065	
1958	U	PROD	4	0	81	733	4	0	2	457	2	NR		C-6044	
1960	T	PROD	1	0	18	267	3	0	6	309	3	42		C-7885	
1962	T	PROD	1	0	2	351	1	0	1	125	NR	NR		C-9634	
NR	U	PROD	1	0	100	214	4	0	9	21	1	NR		C-18413	
1971	U	PROD	2	0	129	757	3	0	11	2470	1	24		C-16251	
NR	T	PROD	1	0	73	NR	1	0	3	NR	1	NR		C-7836	
1960	U	PROD	1	0	50	898	2	0	5	648	5	111		C-7692	
1963	U	PROD	1	0	18	NR	1	0	1	NR	NR	NR		C-10600	
1966	T	PROD	1	0	91	1247	1	0	1	198	1	4		C-12543	
1978	U	PROD	1	0	NR	NR	2	0	2	NR	NR	NR		CR-9783	
1966	U	PROD	1	0	NR	NR	3	0	1	200	NR	NR		C-16477	
1970	U	PROD	2	0	160	1229	9	1	8	236	2	40		C-15792	
1967	U	PROD	1	0	71	918	1	0	3	20	2	26		C-13524	
1963	U	PROD	1	0	15	244	2	0	2	25	0	0		C-9916	
1963	T	PROD	1	0	11	NR	1	0	2	25	0	0	69	CR-4773	
1969	U	PROD & ARB	NR	NR	12	NR	2	0	3	NR	NR	NR		C-15526	
1970	U	PROD	1	0	92	773	2	0	2	414	NR	NR		C-15609	
1965	U	PROD	1	0	115	1856	2	0	3	36	NR	NR		C-11507	
1958	U	PROD	1	0	9	NR	1	0	1	39	1	9		C-6043	
1972	T	PROD	1	0	36	254	0	0	6	441	NR	NR		C-16354	
1976	T	PROD	1	0	36	126	4	0	NR	NR	NR	NR		C-18383	
NR		NR	1	0	6	6	3	0	8	NR	NR	NR		CR-8785	
1976	T	PROD	1	0	72	153	2	0	4	NR	4	NR		C-18514	
1965	T	PROD	1	0	127	1344	5	0	3	95	3	95		C-11993	
1967	T	PROD	2	0	44	1789	2	0	6	135	6	135		C-14299	
1963	T	PROD	3	0	207	1132	6	1	21	921	14	34		C-11795	

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV -----			
RICE COUNTY *****							
GENESEO-EDWARDS FIELD -----							
CONOCO 19-18S 7W	C-15998	GRAY-HAMILTON A REPR.	P	LANS	2850	8	32.9
CONOCO 25-18S 8W	C-12620	GENESEO LKC REPR.	P	LANS	2875	50	36.2
CONOCO 30,31-18S 7W 25,30,36-18S 8W	C-7243	GENESEO SIMPSON UNIT	P	SIMP	3170	16	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
LEBEN OIL 13-18S 8W	C-11875	ZAJIC		LANS	2789	250	32.0
MURFIN DRILLING 3,4,9,10-18S 8W	C-12712	GENESEO WF	W	CONGL	3200	9	40.0
LYONS WEST FIELD -----							
GULF 16,17,20,21,-19S 8W 5-20S 8W 28,29,31,32,33-19S 8W	C-13839	WEST LYONS UNIT	W	KIND	3320	15	40.0
MARY IDA SOUTH FIELD -----							
PIONEER OPERATIONS 6,7,8-19S10W	C-12960	MOONEY-MANKE	W	LKC	2950	160	38.0
ODESSA FIELD -----							
ARCO 28,29,32,33-18S36W 4-19S 6W	C-4823	ODESSA FIELD UNIT	W	MARM	3050	8	29.0
ORTH FIELD -----							
GETTY OIL 27-18S10W	C-3953	VOLKLAND A	W	TOPEKA	2670	16	30.0
MELTZER OIL 27-18S10W	C-3875	HABIGER	D	TOPEKA	2434	250	29.0
ORTH WEST FIELD -----							
BROUGHER OIL 16,17,20-18S10W	C-14786	REICHUBER	P	LANS	3180	20	39.8
J.A. ALLISON 28-18S10W	C-14317	FEIST #2	P	LANS	3218	10	39.0
PONCE FIELD -----							
STERLING DRILLING 28-21S 7W	C-18258	ARBUCKLE	P	MISS	3420	22	35.0
RINGWALD FIELD -----							
ROCKET-SCHUSTERMAN 29,32-18S10W	C-14300	RINGWALD WF	W	LANS	2930	39	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 OR	(MMCF)	MB OR	(MMCF)			
						1978	CUM			1978	CUM	1978			CUM
1971	U	PROD	NR	NR	NR	1890	NR	NR	NR	NR	NR	NR		C-15998	
1966	U	PROD	3	0	304	6392	22	0	0	0	0	0		C-12620	
1960	T	PROD & ARB	4	1	284	10690	8	0	7	1317	7	1133		C-7243	
1973	U	PROD	2	0	154	891	12	0	23	5980	13	109		C-17026	
NR	U	PROD	2	0	NR	NR	2	0	1	NR	NR	NR		C-9585	
1965	T	PROD	1	0	375	4349	5	0	6	3495	2	25	70	C-11875	
NR	T	PROD & ARB	3	0	160	4529	6	0	3	246	3	192		C-12712	
1968	M	PROD & FR	10	0	1205	19515	21	0	60	5097	60	887	71	C-13839	
1966	T	PROD & ARB	5	0	312	4928	17	0	17	NR	16	NR		C-12960	
1959	U	LKC	8	0	489	9360	8	1	23	1348	23	1003		C-4823	
1954	U	PROD	1	0	339	3891	3	0	4	312	4	227		C-3953	
1954	U	PROD	NR	NR	94	NR	4	0	5	NR	NR	NR		C-3875	
NR	U	PROD	3	0	146	NR	18	2	24	NR	NR	NR		C-14786	
1968	T	PROD	1	0	18	383	5	0	7	338	7	179		C-14317	
1976	U	PROD	1	0	73	200	1	0	2	6	NR	NR		C-18258	
1961	T	PROD	2	0	202	3077	3	0	13	985	11	255		C-14300	

OPERATOR ----- LOCATIONA -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
RICE COUNTY *****							
RINO FIELD -----							
NCRA 33-21S 9W	C-10813	RINO PM	W	SIMP	3499	10	39.0
TOBIAS FIELD -----							
ASPEN DRILLING 34-21S 9W	C-16771	SW TOBIAS LANS	W	LKC	2958	4	36.0
I.O. MILLER INC 11-21S 9W	C-13650	LIPP	D	LKC	2948	8	40.0
THUNDERBIRD DRILLING 25,26-20S 9W	C-10096	TOBIAS SIMPSON-UNIT	W	SIMP	3300	16	45.0
WELCH-BORNHOLDT FIELD -----							
BRADEN CIL 11-20S 6W	C-18250	NINA JOY	D	MISS	3239	16	36.0
DICK HESS 36-20S 6W	C-17667	G.W. CARLSON	D	MISS	3286	60	34.0
PHILLIPS PETROLEUM 11,15,22,23,24-20S 6W	C-12367	WELCH BORNHOLDT	P	MISS	3300	NR	36.0
SHADE AND BERRY 25-19S 6W	C-6848	MATTSON	D	MISS	3435	14	33.6
WHERRY FIELD -----							
LEBEN OIL 8-21S 7W	C-16994	GOSSMAN	D	MISS	3352	18	35.0
*SEE ALSO BARTON-RICE							
ROOKS COUNTY *****							
ANDRESON FIELD -----							
DAVIS BROS OIL PROD 31-1CS18W	C-14067	ANDRESON WF	W	LKC	3500	75	34.0
BARRY FIELD -----							
CONOCO 35- 8S19W 1,2,3,10,11,12- 9S19W	C-13518	BARRY	W	LANS	3200	12	35.3
BARRY SOUTHEAST FIELD -----							
ROCKET-SCHUSTERMAN 7- 9S18W	C-16334	BEDARD WI	D	ARB	3495	NR	28.0
BAUMGARTEN FIELD -----							
OIL PROPERTY MGT 29,30- 9S18W	CR-4779	BAUMGARTEN	P	KC	3344	15	28.0
THOMSON OIL 30- 5S18W	C-16521	SOLLENBERGER	D	NR	NR	NR	32.0
CHESNEY FIELD -----							
LEBEN OIL 12- 8S17W	C-9977	CHESNEY	P	LKC	3060	13	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)			
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						1978	CUM			1978	CUM	1978			CUM
					-----	----			-----	----	-----	----			
1973	T	PROD		0	0	0	254	3	0	3	28	NR	NR	C-10813	
1958	U	PROD		1	0	37	499	4	0	9	176	0	0	C-16771	
NR		PROD		NR	NR	NR	NR	3	0	2	148	NR	NR	C-13650	
1968	T	ARB		5	0	1004	11494	17	0	66	488	6		C-10096	
1976	T	PROD		1	0	17	38	1	0	2	9	NR	NR	C-18250	
1975	T	PROD		1	0	25	134	2	0	1	14	1	4	C-17667	
NR	U	PROD		5	0	288	13218	20	0	20	1671	7	291	C-12367	
1959	U	PROD		NR	NR	66	1182	NR	NR	7	C-12187 204	C-10740 2	C-10733 94	C-9071 C-6848	
1973	T	PROD		1	0	2	14	2	0	3	672	NR	NR	72 C-16994	
1968	T	PROD		294	0	215	1517	2	0	6	230	6	NR	C-14067	
1968	U	PROD		8	0	1320	17109	18	0	45	785	45	610	C-13518	
1972	U	PROD		1	0	942	6095	0	0	13	1196	NR	NR	C-16336	
1978	T	PROD		1	1	5	5	6	1	2	2945	0	0	CR-4779	
1974	T	PROD		1	0	5	27	1	0	NR	NR	NR	NR	C-16521	
1963	T	PROD		1	0	146	3118	3	0	3	151	NR	NR	73 C-9977	

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV -----			
ROOKS COUNTY =====							
DOPITA FIELD -----							
CITGO 19- 8S17W	C-16960	REEDER	W	TOR-LKC	3090	20	27.0
25- 8S18W							
ENERGY RESERVES 24- 8S18W	C-8544	MCMILLEN	W	TOR&LKC	3136	197	29.5
MURFIN DRILLING 6- 9S17W	CR-9774	GARVERT WF	W	TOR&LKC	3072	50	32.0
MURFIN DRILLING 5- 9S17W	C-16100	THOMPSON WF	W	TOR	3150	60	36.0
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 -----							
CITGO 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 BROS OIL PROD 22,27-10S18W	C-15048	EILERS	D	LKC	3500	75	32.0
FINNESY SOUTH FIELD -----							
DAVIS BROS OIL PROD 23-10S18W	C-14007	SHEPARD B	P	LKC	3376	22	34.5
DAVIS BROS OIL PROD 23,24-10S18W	C-7789	SOUTH FINNESY WF	W	LKC	3500	75	34.0
GROVER FIELD -----							
A.L. ABERCROMBIE 22- 7S19W	C-12595	ROY B	D	LKC	3085	10	33.0
KRUSE FIELD -----							
CITGO 2,11-10S16W	C-10258	KRUSE UNIT	W	DOD&LKC	3050	34	37.0
LATON FIELD -----							
CITGO 33,34- 8S16W	C-3504	LATON POOL COOP	W	DOD&LKC	3070	53	33.0
4- 9S16W							
CO-CO INC 3- 9S16W	C-12140	GAMBLE-MCFADDEN E	W	TOR&LKC	3070	52	39.0
CO-CO INC 14- 9S16W	C-12702	BLANK COOP WF	W	TOR&LKC	3190	45	39.0
CO-CO INC 38- 8S16W	C-6619	DOANE-SWISHER	W	TOR&LKC	3020	52	39.0
CO-CO INC 11,12- 9S16W	C-7831	LUHMAN COOP WF	W	TOR&LKC	3180	34	39.0

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 OR (MMCF)		MB OR (MMCF)		NO
					1978 CUM				1978 CUM		1978 CUM		
1966	T	PROD	2	0	19	221	4	0	7	299	5	69	C-16960 C-12545
1965	U	PROD	1	0	61	1229	3	0	7	328	7	120	C-8544 C-4089 CR-9774
1977	T	PROD	1	0	106	130	4	0	8	9	NR	NR	C-16100
1971	T	PROD	1	0	192	1239	3	0	9	NR	8	29	C-15831
1974	U	PROD	1	0	88	395	2	0	1	126	1	3	C-11324
1965	T	PROD	3	0	117	2862	5	0	8	768	8	184	
1962	T	PROD & DAK	15	0	1746	24346	20	0	42	3080	42	1289	C-9161 C-2957 C-15586
1970	T	PROD	1	0	17	157	1	0	1	67	NR	NR	C-13728
1962	T	PROD	1	0	185	2908	2	0	4	285	1	67	
1969	T	PROD	1	0	1	542	8	0	15	611	NR	NR	C-15048
1967	T	PROD	1	0	0	1809	1	0	1	89	1	NR	C-14007
1960	T	PROD & DAK	2	0	279	7585	5	0	20	428	10	NR	C-7789
1966	U	PROD	1	0	37	836	5	0	9	280	3	100	C-12595
1963	T	PROD & DAK	2	0	320	3081	4	0	8	585	8	222	C-10258
1953	T	PROD & DAK	7	0	1008	13736	16	0	40	2223	40	1317	C-3504
1963	M	PROD & DAK	3	0	357	5205	6	0	18	522	18	522	C-12140 C-7166 C-12702
1966	M	PROD & DAK	1	0	82	1337	2	0	5	90	5	90	C-6619
1962	M	PROD & DAK	2	0	237	2992	3	0	10	623	10	623	C-7831
1965	M	PROD & DAK	2	0	220	1749	1	0	2	58	2	58	

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ---
ROOKS COUNTY *****							
LATON FIELD -----							
HAROLD KRUEGER 10,11- 9S16W	C-10499	LATON FLD PROJECT	W	KC	3240	5	39.0
MURFIN DRILLING 2,3,11- 9S16W	C-11333	LI BE BAX WF	W	LKC	3100	30	38.0
MURFIN DRILLING 27,28- 8S16W	C-13043	NORTH LATON UNIT	W	LKC	3060	50	38.0
MARCOTTE FIELD -----							
LEBEN OIL 36- 9S20W	C-16628	GISH	D	ARB	3825	4	27.0
NADEL & GUSSMAN 6-10S 9W	C-15992	GISH	W	LKC	3480	10	29.0
NADEL & GUSSMAN 14-10S20W	C-12517	STITHEN-ELIZA	W	LKC	3793	17	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
NATOMA FIELD -----							
CITGO 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 BROS OIL PROD 28,29- 9S17W	C-15389	REMPE 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
PARADISE CREEK FIELD -----							
PAUL H. WILLIAMS 27,28- 9S18W	C-15855	SOUTH PARADISE CREEK		LKC	3324	5	37.0
PLAINVILLE FIELD -----							
DAVIS BROS OIL PROD 8-10S17W	C-13187	WINTER-PLANTE #2	W	LKC	3500	75	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)	1978 CUM	TOT	NEW	MB OR (MMCF)	1978 CUM	1978 CUM	1978 CUM		
1965	T	PROD	2	0	46	2078	15	0	29	1345	14	284		C-10499
1956	M	PROD & DAK	10	0	909	6769	14	0	18	NR	18	1363		C-11333
1960	M	PROD & DAK	4	0	400	4312	6	0	13	NR	13	247	C-9350	C-6050 C-13043
NR	U	PROD	0	0	0	0	1	0	2	247	NR	NR	74	C-16628
NR	T	PROD	0	0	0	0	2	0	6	NR	NR	NR		C-15992
1966	T	PROD	1	0	57	505	18	0	36	NR	6	33		C-12517
1969	U	PROD & ARB	1	0	289	1908	2	0	3	511	2	40		C-10570
1976	U	PROD	1	0	145	325	2	0	1	82	NR	NR		C-18410
1970	T	PROD	1	0	130	644	3	0	2	49	2	27		C-15302
1969	U	PROD	3	0	374	3394	13	0	16	433	13	109		C-15529
1972	T	PROD & CHEY	4	0	417	2609	4	0	15	449	15	132		C-16483
1970	T	PROD	3	0	735	7418	7	0	26	268	NR	NR	75	C-15354
1965	U	PROD	8	0	1316	14404	27	0	64	2842	58	1038		C-11849
1969	T	PROD	1	0	115	741	2	0	2	92	1	NR		C-15389
1965	T	PROD	1	0	163	1197	3	0	6	288	6	288		C-15129 C-11302
1972	M	PROD	3	0	256	NR	1	0	2	NR	NR	NR		C-15855
1967	T	PROD & DAK	3	0	384	3574	NR	NR	17	384	9	NR		C-13187

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV -----			
ROOKS COUNTY *****							
PLAINVILLE FIELD -----							
DAVIS BROS OIL PROD 17,18-10S17W	C-14009	S PLAINVILLE UNIT #3	P	LKC	3500	75	34.0
DAVIS BROS OIL PROD 6,7-10S17W	C-12384	PLAINVILLE WF	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 -----							
CITGO 33-10S20W	C-16056	TRICO LKC ARB UNIT	W	LKC&ARB	3580	24	31.0
LEBEN OIL 28-10S20W	C-13998	WILLIAMS	D	ARB	3747	9	29.5
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	U PLEAS	3426	7	34.0
VOHS FIELD -----							
ARCO 13-10S19W	C-12298	H.J. VOHS A	W	LKC	3280	32	34.0
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	35.0
HAROLD KRUEGER 13- 9S17W	C-13647	MARY DOUGHERTY	P	KC	3150	5	37.0
HAROLD KRUEGER 18- 9S16W	CR-5784	COLAHAN & DOUGHERTY B	P	KC	3150	4	37.0
TERRA RESOURCES 11,12- 9S17W	C-10108	WESTHUSIN UNIT	W	LKC	3130	20	31.5
ZURICH FIELD -----							
CITGO 27- 9S19W	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

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)		
					1978	CUM			1978	CUM	1978	CUM		
1968	T	PROD	2	0	19	1569	9	0	6	146	1	NR		C-14009
1965	T	PROD & DAK	5	0	676	8621	17	0	29	801	15	NR		C-12384
1972	T	PROD&CHEY	2	0	255	1632	9	0	1493	1117	0	0		C-16341
1973	U	PROD	1	0	25	149	2	0	5	111	2	5		C-16831
1972	T	PROD & DAK	5	0	367	3284	8	0	18	1206	18	181		C-16056
1968	U	PROD	2	0	35	142	2	0	5	309	NR	NR	76	C-13998
1964	T	PROD	1	0	15	281	1	0	3	83	3	NR		C-10794
1974	U	DAK	2	0	66	245	8	0	23	350	16	71		C-17404
1966	U	PROD & ARB	2	0	499	3038	5	0	14	1278	14	270		C-12298
1967	T	PROD	1	0	26	467	1	0	2	376	2	87		C-13602
1968	M	PROD & CEDH	2	0	212	1759	3	0	3	317	2	11		C-14335
1963	U	PROD	4	0	520	10380	4	0	7	1076	7	328		C-10080
1967	T	PROD	1	0	71	977	8	0	8	278	3	58		C-13647
1967	T	PROD	2	0	97	618	2	0	5	216	2	30		CR-5784
1963	T	PROD	3	0	309	8680	10	0	19	1415	19	544	C-13645	C-11774 C-10108
1974	M	PROD & FR	3		537	2060	6		19	512	19	71		C-17039
1958	M	PROD & DAK	1	0	130	457	6	0	11	121	11	121		C-6581 C-6557

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH -----	THK ---	GRAV ---
*SEE ALSO ELLIS-ROOKS							
RUSH COUNTY *****							
BASGALL WEST FIELD -----							
ENERGY RESERVES 4-16S17W	C-16776	D.R. ROTH	W	LKC	3200	13	35.3
PLEASANT VIEW FIELD -----							
FRONTIER OIL 10,14,15-16S17W	C-16358	BASGALL ETAL	P	LKC	3300	6	36.0
REICHEL FIELD -----							
FRONTIER 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 -----							
CITGO 33-14S15W	C-14534	BAXTER A	W	TOR&LKC	3118	28	32.0
BOXBERGER WEST FIELD -----							
HELMERICH & PAYNE 34-15S15W	C-17274	MORGENSTERN		LANS	3200	26	32.0
EULERT FIELD -----							
ARCO 35-11S15W	C-14451	EULERT UNIT	W	TOP&LKC	2990	27	38.8
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	DOD&LAN	2875	10	33.4
ENERGY RESERVES 8-12S15W	C-11344	OSWALD	W	LKC	2911	31	35.9
ENERGY RESERVES 8,30,31-12S15W 25,36-12S16W	C-14224	AUSTIN WF UNIT	W	LKC	3000	121	36.4
JOHN O. FARMER 20-12S15W	C-14502	FAIRPORT WF	P	LKC	3000	5	39.0
MAI OPERATIONS 9-12S15W	C-13149	SUTTON B	W	LKC	2961	6	37.6

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)				
					1978	CUM			1978	CUM	1978	CUM				
1973	M	PROD & DAK	1	0	75	398	3	0	7	191	7	71		C-16776		
1972	U	PROD	2	0	37	307	5	0	4	38	1	12		C-16358		
1978	U	PROD	1	0	30	30	2	0	5	5	NR	NR		CR11775		
1978	U	PROD	1	0	93	93	3	0	5	127	NR	NR		CR12774		
1968		PROD	1	0	8	53	2	0	4	82	4	10		C-14534		
1974	U	DAK	1	0	57	273	3	0	5	281	5	30		C-17274		
1968	U	PROD & ARB	6	0	1722	15159	10	0	32	513	32	508		C-14451		
1972	U	PROD	1	0	82	645	1	0	2	22	1	4		C-16754		
1965	T	PROD	1	0	216	2487	6	0	10	346	10	144		C-11553		
1956	U	PROD	1	0	60	3197	3	0	6	1059	6	298		C-15009		
1964	U	PROD & DAK	5	0	1031	10232	14	0	48	3324	48	559		C-4976 C-11344		
1956	U	PROD	4	0	554	12328	13	0	29	2991	0	0		C-14224		
													C-12481	C-5094	C-5055	C-3243
1968	U	PROD	1	NR	NR	NR	3	0	1	NR	NR	NR		C-14502		
1970	T	PROD	3	0	269	1822	7	0	12	251	6	79		C-13149		

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME -----	DEPTH -----	THK ---	GRAV ---
RUSSELL COUNTY =====							
FAIRPORT FIELD -----							
MAI OPERATIONS 10,15,16-12S15W	C-12911	BELLER	W	LKC	2970	6	36.0
MAI OPERATIONS 4,9-12S15W	CR-7786	SUTTON-BRUNDAGE	W	LKC&TRK	2940	70	35.0
MAI OPERATIONS 20-12S15W	C-16012	MILKE-KRUG	W	LKC	3000	6	36.0
R.P. NIXON OPERATION 20-12S15W	C-15693	GIBBS	D	LKC	3001	30	38.0
SOHIO NAT RESOURCES 19-12S15W	C-13058	RUSCH B	W	LKC	3020	36	38.6
SOHIO NAT RESOURCES 19-12S15W	C-13057	RUSCH A	W	LKC	3020	36	37.5
SOHIO NAT RESOURCES 8,17-12S15W	C-16180	OSWALD WILCOX COOP	W	LKC	2954	NR	37.0
SOHIO NAT RESOURCES 8-12S15W	C-18706	MIDDLE FAIRPORT	W	TRK&LKC	NR	NR	33.5
SOHIO NAT RESOURCES 30-12S15W	C-13056	DECKERT	W	LKC	3020	36	34.9
TEXACO 31-12S15W	C-6472	P JACOBS	W	LANS	3000	34	33.0
GORHAM FIELD -----							
A.F. SCHMIDT 7-14S14W	CR-6781	SCHMIDT		LKC®	3089	4	35.0
BILL MORRIS III 6-15S14W	C-13077	VON FELDT	P	KC&ARB	2964	4	34.0
HOME STAKE PROD 32,33-13S15W 3,4,5-14S15W	C-9846	GORHAM	W	LKC	3050	28	36.0
J.L. KING OIL OPER 36-14S15W 1-15S15W	C-11901	SCHWIEN-HALL UNIT	P	GORHAM	3210	6	32.0
J.L. KING OIL OPER 31-14S14W 6-15S14W	C-12022	DUMLER-MUDD UNIT	P	GORHAM	3190	15	32.0
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
PHILLIPS PETROLEUM 18-14S14W	C-1354	CARROLL	W	LKC	3100	50	41.0
R.P. NIXON OPERATION 4,30-13S14W	C-17573	ATHERTON		LKC	3070	35	36.0
TERRA RESOURCES 19-14S14W	C-15950	REINHARDT D	D	LKC	3055	18	38.5
TEXACO 20-14S14W	C-10618	D. BRANDENBURG	W	LANS	3100	NR	38.3
HALL-GURNEY FIELD -----							
A B OIL CO. INC 16-14S13W	C-9774	DUMLER	P	TARKIO	2370	10	NR
AM PERTOFINA TEXAS 17,19-14S13W	C-9516	REIN	W	TARKIO	3410	10	38.0
AM PETROFINA TEXAS 17,20-14S13W	C-6968	TARKIO UNIT	W	TARKIO	2315	10	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)	TOT	NEW	MB OR	(MMCF)	MB OR	(MMCF)		
					1978	CUM			1978	CUM	1978	CUM		
1966	T	PROD	4	0	257	3362	11	0	19	1227	14	318		C-12911
NR	T	PROD	0	1	0	0	14	0	27	297	0	0		CR-7786
1971	T	PROD	2	0	70	1892	10	0	12	554	9	68		C-16012
1970	T	PROD	2	0	172	1187	3	0	14	89	14	38		C-15693
1967	T	PROD P DAK	2	0	247	2643	3	0	4	94	4	69		C-13058
1967	T	PROD P DAK	1	0	142	1429	3	0	12	190	12	138		C-13057
1972	U	PROD	1	0	67	501	17	3	72	465	24	190		C-16180
1977	T	PROD & DAK	6	1	324	820	18	1	113	174	0	0		C-18706
1967	T	PROD & DAK	1	0	101	1076	5	1	10	245	10	124		C-13056
1958		NR	0	0	26	6308	6	0	14	547	14	374		C-6472
1965	U	PROD	1	0	63	NR	1	0	NR	NR	0	0		CR-6781
1962	T	PROD	1	0	146	NR	3	0	6	NR	NR	NR		C-13077
1962	T	PROD	11	0	2943	57361	31	0	63	2293	63	2293		C-9846 C-9137
1965	T	PROD & LKC	1	0	528	6322	9	0	8	NR	5	85		C-11901
1968	U	PROD & LKC	1	0	509	6378	5	0	9	NR	4	35		C-12022
1964	T	PROD	1	0	60	1005	1	0	1	436	NR	NR		C-10923
1966	U	PROD	1	0	312	7926	4	0	9	700	9	198		C-12345
1957	U	PROD	2	0	584	12664	4	0	6	1264	6	393		C-1354
1974	T	PROD	3	0	125	678	5	0	4	15	4	12		C-17573
1954	T	PROD	1	0	530	10723	3	0	3	1125	3	325		C-15950
1954	T	PROD	1	0	168	7844	1	0	4	283	4	245		C-10618 C-4098
1974	T	PROD	1	0	112	NR	1	0	1	NR	NR	NR		C-9774
1962	U	PROD & DAK	1	0	22	3632	2	0	1	580	1	195		C-9516
1967	U	PROD & DAK	0	0	14	4549	0	0	4	84	4	85		C-6958

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH -----	THK ---	GRAV ---
RUSSELL COUNTY *****							
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
ARVADA OIL 30-14S13W	C-2969	HICKEY	P	KC	2922	4	36.0
ARVADA OIL 23-14S14W	C-8010	GURNEY		KC	3000	6	37.0
AYLWARD DRILLING 22-14S14W	C-4543	HOLL A	P	LKC	3000	22	36.0
AYLWARD DRILLING 15-22-14S14W	C-8293	H.A. FINK	P	LANS	3000	22	NR
AYLWARD DRILLING 22-14S14W	C-7950	HOLL B	P	LKC	2950	22	37.0
AYLWARD DRILLING 21-14S14W	C-9425	ANSCHUTZ	D	LKC	3127	20	37.0
AYLWARD DRILLING 22-14S14W	C-7946	HOLL A	P	TARKIO	2425	22	36.0
AYLWARD DRILLING 26-14S14W	C-7619	BOXBERGER	P	LKC&TOP	2928	79	36.0
AYLWARD DRILLING 26-14S14W	C-7165	HERBEL B	P	LKC	2924	20	38.0
AYLWARD DRILLING 26-14S14W	C-7167	J. BOXBERGER	P	LKC	2292	18	39.0
AYLWARD DRLG 21-14S14W	C-13157	HOLL C	P	LKC	3027	60	33.0
BLANKE BROS PETR 20-14S12W	C-11343	LONG	D	TARKIO	2300	NR	34.5
CARL MOTZKUS 4-15S12W	C-8566	MAJOR		LKC	NR	NR	37.0
CARL W. BOXBERGER 14-14S14W	C-15814	BOXBERGER B	D	LKC	3000	10	38.0
CITGO 28-29-14S13W	C-2328	CARTER-GRAHAM COOP WF	W	LKC	2880	23	37.0
CITGO 25-14S13W	C-16582	WEIMEISTER	D	LKC&TRK	3652	26	39.1
CITGO 15-15S12W	C-6101	KASTRUP	P	LKC	2930	48	NR
CITGO 24-26-14S14W	C-7524	HALL-GURNEY COOP WF	W	LKC	2880	66	39.0
CITGO 9-16-10-15S12W	CR-7777	ZEMAN LKC COOP WF	W	LKC	3000	83	NR
COLORADO OIL & GAS 36-14S13W	C-9985	KRUG	D	LKC	2850	150	37.0
COLORADO OIL & GAS 27-28-14S14W	C-14620	KRUG-OLSON WFS	W	LKC	3000	136	37.4
COLORADO OIL & GAS 7-15S13W	C-13777	WEIMASTER	W	LKC	3000	8	37.0
CONOCO 26-14S13W	C-14758	HALL TARKIO		TARKIO	3250	9	37.4
CONOCO 26-35-14S13W	C-4592	HALL LANSING	W	LANS	2800	20	39.2
CONOCO 27-14S13W	C-9407	REIN AREA	W	LANS	2860	13	38.9
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

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)	1978 CUM	TOT	NEW	MB OR (MMCF)	1978 CUM	MB OR (MMCF)	1978 CUM		
1962	U	PROD & DAK	1	0	22	1143	3	0	2	88	2	30		C-9395
1969	U	PROD & GOR	1	0	32	386	2	0	4	382	4	43		C-14923
NR	U	PROD	1	0	70	NR	4	0	5	NR	NR	NR		C-2969
NR	F	FR	0	0	0	NR	1	0	2	NR	NR	NR		C-8010 C-6525 C-4543
1954	T	PROD	3	0	437	3313	7	0	8	1049	8	888		C-8293
1975	T	PROD	1	0	53	237	1	0	1	8	1	8		C-7950
1970	T	PROD & DAK	2	0	588	3513	10	0	9	627	9	538		C-9425
1962	T	PROD	2	0	166	2557	7	0	5	99	5	77		C-7946
1967	T	PROD	1	0	376	1791	1	0	1	53	1	53		C-7619
1950	M	PROD & DAK	2	0	56	3674	4	0	2	167	2	167	77	C-7165
1959	T	PROD	1	0	20	482	3	0	3	115	3	100		C-7167
1959	T	PROD	1	0	113	3312	4	0	6	279	6	266		C-13157
1966	M	PROD & CHEY	2	0	293	2135	4	0	13	602	13	392		C-11343
NR	U	PROD	1	NR	1	1	1	NR	1	NR	NR	NR	78	C-8566
1967	U	PROD	1	0	54	NR	2	0	2	NR	NR	NR		C-15814
1970	U	PROD	1	0	21	471	2	0	1	389	1	14		C-2328
1950	M	PROD & DAK	2	0	88	3480	2	0	2	1214	2	508		C-16582
1972	T	PROD	1	NR	34	111	4	1	15	274	NR	NR		C-6101
1958	T	PROD	1	0	59	736	2	0	4	137	NR	NR		C-7524 C-2030 C-4738
1948	T	PROD	7	0	1536	26827	10	0	28	3339	28	1580		CR-7777
1977	U	PROD	6	0	78	78	10	0	39	1493	NR	NR		C-9985
1963	U	PROD	2	0	92	575	6	0	6	468	NR	NR		C-14620 C-4587 C-4595
1953	U	PROD	10	0	1556	22399	23	0	81	6418	67	4171		C-13777
1967	U	PROD & ARB	1	0	175	3029	1	0	2	464	NR	NR		C-14758
1953	U	PROD	2	0	112	1102	4	0	4	75	4	57		C-4592
1956	F	FR	6	0	425	10213	6	0	11	938	11	890		C-9407
1972	U	CHEY	3	0	290	6340	4	0	7	557	7	383		C-8926 C-5437 C-12387
1957	U	PROD	2	0	199	4337	6	0	5	1073	5	370		
1966	U	PROD	1	0	148	2495	5	0	7	736	7	149		

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV -----			
RUSSELL COUNTY *****							
HALL-GURNEY FIELD -----							
GETTY OIL 25-14S15W	C-16911	A. EHRLICH	W	LKC	2944	84	32.0
GETTY OIL 33-14S13W	C-1088	T.B. CARTER	P	LKC	2885	10	34.0
GETTY OIL 25,28,29-14S13W	C-5781	HALL-GURNEY	W	LKC	2890	18	39.0
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
J.J. HALL OPERATING 30,31-14S13W	C-15078	MILLER		LKC	2859	25	38.0
JAY HUTCHISON 24-14S15W	C-17645	REINHARDT	D	ARB	3250	NR	30.0
JAYHAWK WELL SERV 2-15S14W	C-7366	MICHEL B	D	KC	3900	4	38.5
JAYHAWK WELL SERV 21-14S14W	C-11860	HOLL B	D	KC	2900	4	39.2
JAYHAWK WELL SERV 16-14S14W	C-8456	CODY	D	KC	2900	4	38.6
JAYHAWK WELL SERV 21-14S14W	C-9078	HOLL	D	TARKIO	NR	NR	38.6
JOHN O. FARMER 27-14S13W	C-9415	REIN WF	P	LKC	2850	5	37.0
JOHN O. FARMER 4-15S12W	C-16068	SMOKY UNIT	P	LKC	2990	5	38.0
K & P OIL 33-14S14W	C-17046	RUSCH	D	TARKIO	2351	8	36.0
KOCH EXPLORATION 32-15S12W	C-15052	NEY WF UNIT	W	LKC	3020	NR	38.5
LEE PHILLIPS OIL 34-14S13W	C-13121	LETSCH	W	TRK&LKC	2810	30	38.0
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 3-15S13W	C-8345	RUDIGER-SHAFFER	D	LKC	2970	6	39.0
MAI OPERATIONS 27-14S13W	C-15796	ROGG-REIN	W	TARKIO	2265	8	36.0
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
MOBIL 27-14S13W	C-13313	SMOKY HILL RIVER UNIT	W	LKC	2860	18	36.4
29,30,31,32-14S12W							
MURFIN DRILLING 33-14S13W	C-13536	CARTER WF	P	LKC	2860	48	37.0
MURFIN DRILLING 6-15S13W	CR-6771	BERRICK WF	W	LKC	3014	25	38.0
NCRA 34-14S14W	C-11738	MAI	W	LANS	2920	8	37.6
OKMAR OIL 15-15S12W	C-16088	MILLER	P	LKC	2965	100	38.0
OKMAR OIL 15-14S14W	C-15415	BOXBERGER A B D	W	LKC	2980	10	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	OR (MMCF)	MB	OR (MMCF)		
					1978	CUM			1978	CUM	1978	CUM		
1973	T	PROD	1	0	228	1100	7	0	8	489	8	49		C-16911
1944	T	PROD & DAK	3	0	230	3061	5	0	10	514	10	278		C-1088
1950	T	PROD & DAK	14	0	1571	26156	23	0	48	3775	48	2715	C-5195	C-5781
NR	U	PROD	0	0	0	0	2	0	3	252	0	0		C-2439
														C-12992
1959	T	PROD	3	0	110	4374	4	0	7	287	7	72		C-6727
														C-4691
1967		PROD	2	0	229	2373	17	0	36	3004	36	359		C-15078
1975	T	PROD	NR	0	NR	NR	NR	0	NR	NR	NR	NR	79	C-17645
1959	U	PROD	1	0	3	90	3	0	3	10	1	NR		C-7366
1965	U	PROD	1	0	4	139	4	0	1	NR	NR	NR		C-11860
1961	U	PROD	1	0	7	374	5	0	6	92	1	13		C-8456
1967	U	PROD	1	0	3	86	4	0	3	NR	1	39		C-9078
1962	U	PROD	1	0	148	2650	4	0	5	NR	3	NR		C-9415
1971	U	PROD & DAK	6	0	788	7771	13	0	14	276	6	NR		C-16068
1973	U	PROD	1	1	25	155	3	0	2	68	2	13		C-17046
1969	F	CED H	2	0	144	2013	5	0	30	914	7	293		C-15052
1961	M	PROD & FR	4	0	60	2376	9	0	54	3101	0	0		C-13121
1964	T	PROD & DAK	5	0	251	3383	11	0	9	430	7	182	C-11296	C-11301
1965	T	PROD	1	0	24	1587	5	0	2	289	2	111		C-9091
														C-11509
1960	T	PROD	1	0	9	116	5	0	3	306	2	36		C-11111
														C-8345
1970	T	PROD	1	0	37	296	4	0	11	568	4	37		C-15796
1962	T	PROD	3	0	135	3655	5	0	4	925	2	114		C-13594
														C-9417
1967	T	PROD	3	0	162	3257	7	0	5	887	2	44		C-11620
1967	M	PROD & FR	7	0	1486	15018	17	0	31	1103	31	799		C-13313
NR	T	PROD	1	0	20	178	2	0	2	NR	2	24		C-13536
1971	M	PROD & DAK	1	0	121	139	4	0	5	6	0	0		CR-6771
1965	U	PROD & DAK	1	0	25	619	2	0	11	94	2	35		C-11738
1971	T	PROD	1	0	172	546	1	0	1	NR	1	3		C-16088
1970	U	PROD	2	0	313	2507	6	0	13	654	6	394		C-15415

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
RUSSELL COUNTY =====							
HALL-GURNEY FIELD -----							
OKMAR OIL 23-14S13W	C-8022	BOND	W	TARKIO	2275	10	36.0
PETROLEUM MANAGEMENT 22-14S14W	C-13201	BOXBERGER	W	LKC	2960	20	37.0
PIONEER OPERATIONS 28-14S14W	C-8065	FLEGLER	P	LKC	2950	150	39.0
PIONEER OPERATIONS 16-14S14W	C-18327	BOXBERGER C	P	LKC	2975	160	37.0
R.P. NIXON OPERATION 24-14S14W	C-10610	DUMLER		TARKIO	4300	10	38.0
R.P. NIXON OPERATION 2-14S14W	C-11459	BOXBERGER	P	LKC	3050	25	34.0
SHIELDS OIL PRODUCER 32-13S14W	C-1552	G.C. EHRlich	W	KC	2800	30	
SHIELDS OIL PRODUCER 14-15S12W	C-6847	GUSTASON ESTATE	D	TOR	2840	15	37.0
SHIELDS OIL PRODUCER 31-14S13W	C-7750	MILLER WF	W	KC	2800	30	37.0
SHIELDS OIL PRODUCER 27,28-14S13W	C-9408	REIN AREA WF	W	KC	2800	25	39.3
TERRA RESOURCES 19,30-14S13W	C-14872	C.E.P.-LKC	P	LKC	2950	8	37.3
TERRA RESOURCES 9-14S14W	C-12707	KRUG	P	LKC	3000	45	36.4
TERRA RESOURCES 15,16-14S14W	C-5396	FINK	W	LKC	3020	15	36.3
TEXACO 31-14S13W 36-14S14W	C-5858	KEIL & SCHNOOR	P	LKC	2875	122	NR
TEXACO 18-14S13W	C-3771	C.W. SHAFFER	W	TARKIO	NR	NR	NR
TEXACO 23-14 14W	C-17442	E.P. GURNEY	P	TARKIO	2340	NR	NR
TEXACO 10-14S14W	C-10948	BOXBERGER SL & H	W	LAN-REA	3050	NR	NR
TEXACO 22-14S14W	C-5073	G. BOXBERGER A & B	W	LANS	3100	NR	37.0
TEXACO 32-14S12W 5-15S12W	C-11915	BORELL & VEJL		LANS	2900	10	36.0
TEXACO 25,36-14S13W	C-10725	GOODHEART-RUBY	W	LANS	2900	23	36.0
THEODORE GORE 23,26-14S14W	C-17491	BOXBERGER SWD	P	TAR&LAN	3000	100	37.0
THEODORE GORE 36-14S13W	C-13036	RUBY A	P	LKC	2835	90	37.0
THEODORE GORE 28-15S12W	C-16112	WEBER	P	LKC	3000	150	37.0
THEODORE GORE 22,27-15S12W	C-12581	KAUFMAN B	P	LKC	2774	300	40.0
THORNTON E. ANDERSON 33-15S12W	CR27811	KAUFMANN	D	ARB	NR	NR	38.0
TRI-W OIL 3-14S14E	C-4490	WITT C LEASE	D	KC	3000	30	37.0
KRAFT-PRUSA FIELD -----							
ISERN PETROLEUM 31-15S12W	C-14969	DURR	P	QRTZ SD	3374	20	35.0

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)		
					1978	CUM			1978	CUM	1978	CUM		
1960	U	PROD	2	0	22	2136	4	0	3	287	3	90		C-8022
1966		PROD	NR	NR	0	2551	1	NR	1	293	0	285		C-13201
NR	T	PROD	1	0	135	NR	1	0	3	NR	3	NR		C-5033
NR	T	PROD	1	0	121	NR	5	0	3	NR	2	NR		C-8065
1963	U	PROD	3	0	40	957	6	0	11	196	11	190		C-18327
1964	T	PROD	1	0	54	647	1	0	2	10	2	10		C-10610
1971	M	PROD & DAK	1	0	118	986	4	0	24	150	22	124		C-11111
1957	U	PROD & ARB	1	0	37	988	2	0	2	56	1	53		C-11459
1964	M	PROD & DAK	3	0	246	3080	6	0	27	268	26	219		C-1552
1963	M	PROD & DAK	7	0	443	14025	17	0	44	1091	35	780		C-6847
1959	T	PROD & DAK	5	0	379	5870	15	0	32	1530	32	951		C-7750
1963	T	PROD	2	0	463	7643	4	0	5	205	3	120		C-219
1957	T	PROD	3	0	222	5983	7	0	10	770	9	471		C-12707
1958	U	PROD	2	0	NR	NR	5	0	5	122	5	43		C-10571
1959		NR	0	0	0	0	1	0	1	21	0	0		C-5396
1974	U	PROD	2	0	223	774	5	0	16	50	0	1		C-5858
1954	U	PROD	3	0	428	10136	14	0	20	1992	15	729		C-3771
1953	U	PROD	1	0	28	5110	7	0	15	564	3	536		C-17442
1963	U	NR	0	0	0	4060	5	0	9	409	9	320		C-10948
1963	U	PROD	5	0	284	8403	9	0	18	593	9	448		C-4219
1955	T	PROD	4	0	333	4309	10	0	15	1415	7	489		C-5073
1966	T	PROD	1	0	207	2263	3	0	10	738	1	126		C-4517
1966	T	PROD	1	0	210	837	2	0	7	1120	2	7		C-11915
1967	T	PROD	1	0	114	1417	6	0	8	746	4	64		C-10434
1977		PROD	1	0	48	48	2	0	2	69	NR	NR		C-10725
1954	U	PROD	1	0	32	NR	2	0	2	NR	NR	NR		C-10284
1969	T	PROD	1	0	181	2922	3	0	2	158	NR	NR		C-17491

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE ----- NAME DEPTH THK GRAV -----			
RUSSELL COUNTY *****							
NUSS FIELD -----							
RAM OIL 32-15S14W	C-8871	NUSS B	D	LANS	3120	25	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
REICH FIELD -----							
HAROLD KRUEGER 28,29-20S15W	C-11438	REICH ETAL UNIT	P	KC	2975	5	35.0
ROOSEVELT FIELD -----							
SHIELDS OIL PRODUCER 23-15S15W	C-16992	MORGENSTERN	D	LKC	3300	10	38.0
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	CR-3784	S&S A	W	LKC	2860	164	35.0
STRECKER FIELD -----							
AM PETROFINA TEXAS 20,21,28,29-15S14W	CW-4781	STRECKER UNIT	W	LKC	3277	200	39.7
AM PETROFINA TEXAS 16-15S14W	C-11977	STRECKER	W	LKC	3041	NR	40.0
TRAPP FIELD -----							
CITGO 9-15S13W	C-7631	ROGG B	W	LKC	3090	28	37.0
CITGO 12,13-15S14W	C-13257	EICHMAN A WF	W	LKC	3090	12	38.0
COLORADO 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.M. 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

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)					
					1978	CUM				1978	CUM	1978	CUM		
1961	U	PROD & DAK	2	0	37	2119	2	0	1	126		NR	NR	80	C-8871
1976	T	PROD	2	0	46	110	5	0	17	518		4	10		C-18326
1976	T	PROD	2	0	175	386	6	0	10	25		6	16		CR-6774 C-18104
1962	T	PROD	2	0	173	2683	15	0	17	693		9	276		C-11438
1973	T	PROD	1	0	34	192	1	0	2	17		1	8		C-16992
1971	U	PROD & ARB	1	0	53	703	2	0	7	911		4	35		C-15953
1971	U	PROD	1	0	36	233	5	0	2	27		2	27		C-15949
1978	T	PROD	1	0	39	39	4	0	7	144		0	0		CR-3784
1978	T	PROD & DAK	3	0	24	24	5	0	1	1		0	0		CW-4781
1965	U	PROD	1	0	146	1187	2	0	2	68		2	67		C-11977
1960	M	PROD & DAK	4	0	580	8857	3	0	23	1483		23	481		C-7631
1957	T	PROD	2	0	132	6972	4	0	8	1612		8	586		C-13257 C-5472
1967	U	PROD	1	0	27	506	2	0	3	557		NR	NR		C-13766
1961	U	DAK & CHEY	6	0	648	8792	6	0	19	922		19	850		C-7606
1968	T	PROD	1	0	18	178	3	0	9	235		NR	NR		CR-8771
1960	U	PROD & DAK	9	0	865	12438	13	0	47	3629		47	14054		C-7604 C-7589 C-7590

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
RUSSELL COUNTY =====							
TRAPP FIELD -----							
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	3900	50	37.0
GULF 23,24-15S13W	C-15070	BERRICK-PIESTER	W	TARKIO	2301	45	38.0
HILLENBURG OIL 6-15S13W	C-7566	BERRICK	W	LKC	2990	20	36.0
ICER ADDIS 25,26,35-15S13W	C-16047	TRAPP UNIT WF	W	LKC	3065	150	37.0
LARRY MOORE 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
PIONEER OPERATIONS 18-15S13W	C-10920	BEN REIN	D	LKC	2950	150	38.0
R.H. SIEGFRIED INC 11-15S13W	C-5952	ROSS	W	LANS	3000	12	41.3
ROY VONFELDT 20-15S13W	C-7370	SELLERS	W	KC	NR	NR	35.0
SHELL 7-16S13W 12-16S14W	C-12252	EHRlich-HOFFMAN	W	TOP&LKC	2962	100	36.0
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
SHIELDS OIL PRODUCER 9-15S13W	C-7570	NORTHEAST TRAPP	W	KC	2800	25	37.2
SOHIO NAT RESOURCES 10-15S13W	C-7565	ANSCHUTZ	W	LKC	3050	18	42.0
TERRA RESOURCES 16,17-15S13W	C-7607	NORTH TRAPP WFS	W	LKC	3000	25	38.4
WILSON CREEK FIELD -----							
L.G. STEPHENSON 24-14S11W	C-16282	STOPPEL-SEBESTA	P	LANS	2821	20	37.4
L.G. STEPHENSON 23-14S11W	C-17428	PRINC	P	LANS	2821	7	37.3
L.G. STEPHENSON 24-14S11W	C-17954	SMALL-SEBESTA A		TARKIO	2100	4	37.5
*SEE ALSO ELLIS-RUSSELL							
SALINE COUNTY =====							
BACHOFER FIELD -----							
G.R. HESS & L. MOORE 14-15S 2W	CR-9771	MELANDER UNIT	P	MISS	2840	16	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)			
					1978	CUM			1978	CUM	1978	CUM			
1961	T	DAK	9	0	1133	17200	16	0	62	3555	62	2269		C-7553	
1961	T	PROD & DAK	9	0	971	12946	12	0	32	2623	32	1283		C-7765	
1969	U	PROD	3	0	239	2527	4	0	5	914	0	0	81	C-15070	
1960	T	PROD	1	0	250	NR	3	0	3	NR	3	NR		C-14141	
														C-7566	
1971	U	PROD	4	0	388	1949	9	0	11	71	8	42		C-16047	
1978	U	PROD	1	0	6	6	1	0	2	40	0	0		CR77712	
1969	M	PROD & DAK	3	0	246	2494	7	0	18	230	18	203		C-14364	
1956	U	PROD	1	0	67	2831	1	0	1	353	1	189		C-5183	
1962	U	PROD & ARB	1	0	259	4929	3	0	4	242	4	157		C-9131	
1958	T	PROD & ARB	2	0	275	5609	6	0	9	329	9	251		C-6038	
1960	U	PROD	1	0	208	4291	1	0	3	316	3	137		C-7568	
NR	T	PROD	1	0	14	NR	2	0	6	NR	5	NR		C-10920	
1958	T	PROD & ARB	2	0	155	2817	3	0	7	275	7	275		C-5952	
1968	T	PROD & ARB	2	0	130	NR	5	0	4	NR	NR	NR		C-7370	
NR	U	PROD	0	0	0	388	11	0	15	5590	NR	NR		C-12252	
NR	U	PROD	1	0	26	1336	4	0	4	622	NR	NR		C-11410	
NR	U	PROD	1	0	66	410	5	0	18	341	NR	NR		C-13496	
1960	T	PROD	4	0	363	5138	3	0	27	432	22	367		C-7570	
1960	T	PROD & DAK	3	0	256	3865	3	0	41	435	41	307		C-7565	
1961	T	PROD	10	0	1201	17147	18	0	54	7123	54	2581		C-7607	
1978	U	PROD	1	0	140	774	4	0	26	460	0	0		C-16282	
1974	U	PROD	1	0	82	536	3	0	36	649	NR	NR		C-15539	
														C-17428	
1973	U	PROD	2	0	19	243	1	0	0	21	0	0		C-17954	
														C-17785	
1977	T	PROD	1	0	43	85	2	0	3	69	1	2		CR-9771	

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
SALINE COUNTY *****							
GYPSUM FIELD -----							
TEICHGRABER OIL 4-16S 1W	C-18390	MORTIMER	P	MISS	2600	NR	36.0
HUNTER NORTH FIELD -----							
MELLAND DRILLING 5,8-16S 1W	C-17809	NORTH HUNTER	D	MISS	2662	4	34.0
LINDSBROG FIELD -----							
RAY PERERA 32-15S 3W	C-10664	MARTINSON-JOHNSON	D	MAQ	3400	5	35.0
PIHL FIELD -----							
TOMLINSON OIL 24-15S 2W	C-11513	PIHL	D	MISS	2750	10	35.5
SALINA FIELD -----							
TENNECO 6,7,8-15S16W	C-9817	SWIGART	P	MAQ	3225	15	35.0
SMOLAN FIELD -----							
GEAR PETROLEUM 25,36-15S 4W 30-15S 3W	C-14385	SMOLAN FIELD WF PROJECT	W	MAQ	3400	6	35.0
SMOLAN NORTH FIELD -----							
RAY PERERA 30-15S 3W	C-6631	OSTENBERG	P	MAQ	3413	5	34.0
SCOTT COUNTY *****							
HUGOTON NORTH FIELD -----							
M.L. BROWN 26-17S33W	CR-6778	SMITH	P	MORR	4642	20	26.0
SHALLOW WATER FIELD -----							
M.L. BROWN 14-20S33W	C-4383	MARK B	P	MISS	4595	80	26.0
SEDGWICK COUNTY *****							
BUZZI FIELD -----							
AM PETROFINA TEXAS 31-25S 1E	C-16044	HEMME	P	HUNTON	3445	5	41.0
CHENEY FIELD -----							
A. SCOTT RITCHIE 7-27S 4W	C-17209	CASAD	P	MIS&VIO	3976	44	35.0

		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)			
						1978	CUM			1978	CUM	1978	CUM		
1961	U	PROD & DAK	2	0	37	2119	2	0	1	126	NR	NR	80	C-8871	
1976	T	PROD	2	0	46	110	5	0	17	518	4	10		C-18326	
1976	T	PROD	2	0	175	386	6	0	10	25	6	16		CR-6774 C-18104	
1962	T	PROD	2	0	173	2683	15	0	17	693	9	276		C-11438	
1973	T	PROD	1	0	34	192	1	0	2	17	1	8		C-16992	
1971	U	PROD & ARB	1	0	53	703	2	0	7	911	4	35		C-15953	
1971	U	PROD	1	0	36	233	5	0	2	27	2	27		C-15949	
1978	T	PROD	1	0	39	39	4	0	7	144	0	0		CR-3784	
1978	T	PROD & DAK	3	0	24	24	5	0	1	1	0	0		CW-4781	
1965	U	PROD	1	0	146	1187	2	0	2	68	2	67		C-11977	
1960	M	PROD & DAK	4	0	580	8857	3	0	23	1483	23	481		C-7631	
1957	T	PROD	2	0	132	6972	4	0	8	1612	8	586		C-13257 C-5472	
1967	U	PROD	1	0	27	506	2	0	3	557	NR	NR		C-13766	
1961	U	DAK & CHEY	6	0	648	8792	6	0	19	922	19	850		C-7606	
1968	T	PROD	1	0	18	178	3	0	9	235	NR	NR		CR-8771	
1960	U	PROD & DAK	9	0	865	12438	13	0	47	3629	47	14054		C-7604 C-7589 C-7590	

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH ---	THK ---	GRAV ---
SEDGWICK COUNTY =====							
CLEARWATER FIELD -----							
ALTA LOMA OIL 23-29S 2W	C-15022	SENER	P	LKC	2940	10	37.0
GILLIAN FIELD -----							
CONOCO 33-26S 1W	C-17666	GILLIAN SIMP. UN.	W	SIMP	3735	33	NR
GLADYS FIELD -----							
GULF 29-28S 1E	C-8325	GLADYS UNIT EAST	W	MISS	3200	25	42.0
GULF 25,29,30,31,-28S 1E 32,36-28S 1E	C-8324	GLADYS UNIT	W	MISS	3200	44	42.0
GOODRICH FIELD -----							
CITGO 16-25S 1E	C-13037	GOODRICH UNIT	W	KC	2730	11	33.0
JERRY BOUSE 17-25S 1E	C-15691	ROWLEY	P	KC	2690	30	35.0
KUSKE WEST FIELD -----							
TGT PETR CORP 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 -----							
STELBAR OIL CORP 16,21-28S 1E	C-4626	ROBBINS	W	MISS	3150	30	43.0
ULMER 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	255	NR	36.6
SAMSON RESOURCES 7-26S 1E 1,12-26S 1W	C-11419	VALLEY CENTER WF	W	KC	2500	NR	33.0
*SEE ALSO KINGMAN-SEDGWICK							
SEWARD COUNTY =====							
EVALYN-CONDIT FIELD -----							
ANADARKO PRODUCTION 7,18,19-34S32W 12,13,24-34S33W	C-16786	CONDIT UNIT	W	MISS	6236	13	41.9

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)																	
						1978	CUM			1978	CUM	1978			CUM														
1961	T	DAK	9	0	1133	17200	16	0	62	3555	62	2269		C-7553															
1961	T	PROD & DAK	9	0	971	12946	12	0	32	2623	32	1283		C-7765															
1969	U	PROD	3	0	239	2527	4	0	5	914	0	0	81	C-15070															
1960	T	PROD	1	0	250	NR	3	0	3	NR	3	NR		C-14141															
1971	U	PROD	4	0	388	1949	9	0	11	71	8	42		C-7566															
1978	U	PROD	1	0	6	6	1	0	2	40	0	0		C-15047															
1969	M	PROD & DAK	3	0	246	2494	7	0	18	230	18	203		CR77712															
1956	U	PROD	1	0	67	2831	1	0	1	353	1	189		C-14364															
1962	U	PROD & ARB	1	0	259	4929	3	0	4	242	4	157		C-5183															
1958	T	PROD & ARB	2	0	275	5609	6	0	9	329	9	251		C-9131															
1960	U	PROD	1	0	208	4291	1	0	3	316	3	137		C-6038															
NR	T	PROD	1	0	14	NR	2	0	6	NR	5	NR		C-7568															
1958	T	PROD & ARB	2	0	155	2817	3	0	7	275	7	275		C-10920															
1968	T	PROD & ARB	2	0	130	NR	5	0	4	NR	NR	NR		C-5952															
NR	U	PROD	0	0	0	388	11	0	15	5590	NR	NR		C-7370															
NR	U	PROD	1	0	26	1336	4	0	4	622	NR	NR		C-12252															
NR	U	PROD	1	0	66	410	5	0	18	341	NR	NR		C-11410															
1960	T	PROD	4	0	363	5138	3	0	27	432	22	367		C-13496															
1960	T	PROD & DAK	3	0	256	3865	3	0	41	435	41	307		C-7570															
1961	T	PROD	10	0	1201	17147	18	0	54	7123	54	2581		C-7565															
1978	U	PROD	1	0	140	774	4	0	26	460	0	0		C-7607															
1974	U	PROD	1	0	82	536	3	0	36	649	NR	NR		C-16282															
1973	U	PROD	2	0	19	243	1	0	0	21	0	0		C-15539															
1977	T	PROD	1	0	43	85	2	0	3	69	1	2		C-17428															

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME -----	DEPTH -----	THK ---	GRAV ---
SEWARD COUNTY =====							
MASSONI FIELD -----							
LEBEN OIL 25-32S31W	C-15801	STEWART		LKC	5370	184	36.0
SEWARD-STEVENS COUNTIES =====							
CUTTER FIELD -----							
MOBIL 6,7-31S34W 1,12-31S35W	C-13902	CUTTER UNIT AREA	W	U 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 -----							
LEBEN OIL 20- 6S26W	C-10188	HARDESTY	D	LANS	3744	94	34.5
HOXIE FIELD -----							
JOHN O. FARMER 36- 8S29W 1- 9S29W 6- 9S28W	C-16164	HOXIE UNIT	P	TOR	3856	5	39.0
HOXIE WEST FIELD -----							
KOCH EXPLORATION 35- 8S29W	C-15224	PRATT	W	SHAW	2816	14	27.9
KOCH EXPLORATION 34,35- 8S29W	C-18370	WEST HOXIE	W	LKC	3915	NR	27.9
JEROME FIELD -----							
OKMAR OIL 35- 8S27W	C-15349	JEROME	W	LKC	3930	5	39.0
OCHS FIELD -----							
L.G. STEPHENSON 24- 9S28W	C-18290	OCHS	P	LANS	3906	8	28.5
STUDLEY FIELD -----							
KRM PETROLEUM 22,23- 8S26W	C-6322	PRATT	D	LKC	3740	20	39.0

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)			
					1978	CUM			1978	CUM	1978	CUM			
1976	U	PROD	1	0	NR	NR	5	0	2423	NR	NR	NR		C-18390	
1975	U	PROD	1	0	132	442	7	1	6	23	0	0		C-17809	
1964	T	PROD	NR	NR	70	2185	3	0	8	47	2	NR		C-10664	
1965	U	PROD	1	0	73	2431	3	0	5	195	5	117		C-11513	
1962	U	PROD	1	0	286	NR	1	0	1	NR	NR	NR	82	C-9817	
1916	P	PROD	2	5	968	NR	13	0	8	NR	8	NR		C-14385	
1962	T	PROD	NR	0	125	2129	3	0	6	NR	NR	NR		C-6631	
1977	T	PROD	1	0	273	310	6	0	31	567	NR	NR		CR-6778	
1968	T	PROD	1	0	99	1063	1	0	2	2067	1	21		C-4383	
1971	U	PROD	1	0	234	2259	2	0	2	253	0	0		C-16044	
1973	U	PROD	1	0	40	166	1	0	1	45	1	2		C-17209	

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH -----	THK ---	GRAV ---
*SEE ALSO GRAHAM-SHERIDAN							
STAFFORD COUNTY *****							
BAYER FIELD -----							
PHILLIPS PETROLEUM 29-21S14W	C-15826	LINCOLN A	P	SIMP	3750	14	32.0
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
CENTERVIEW FIELD -----							
LADD PETROLEUM 28-24S13W	C-12237	TOLAND	P	LKC	3590	20	26.0
WHITE HAWK OIL 28-24S13W	C-11941	VAN LIEU UNIT	D	LKC	3580	12	25.0
CHASE-SILICA FIELD -----							
PARRISH OIL 4-21S12W	C-9481	SPACIL	D	ARB	3321	10	39.0
CRISSMAN FIELD -----							
ARCO 15,16-23S14W	C-13792	WELSH BEAVER UNIT	W	SIMP	3950	8	33.0
DELL EAST FIELD -----							
CITGO 8-21S13W	C-15378	REED WF	W	LKC	3300	49	NR
WHITE HAWK OIL 8-21S13W	C-15378	REED UNIT	P	LKC	3450	10	37.0
FANSHIER FIELD -----							
ICER ADDIS 16-21S13W	C-16704	HARMS	W	LKC	3319	5	33.0
ICER ADDIS 9-21S13W	C-16314	FANSHIER	W	LKC	3318	5	32.0
GATES FIELD -----							
ARCO 27-21S13W	C-12284	GATES UNIT	W	LKC	3550	130	38.0
ENERGY RESERVES 32-21S13W	C-16179	CHAPMAN	W	LKC	3500	20	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

		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)		
						1978	CUM			1978	CUM	1978	CUM	
1969	U	PROD	1	0	2	12	1	0	3	75	2	11		C-15022
1974	U	PROD	2	0	437	1669	11	1	36	365	35	245		C-17666
1961	F	FR	6	0	620	17408	6	0	13	2243	13	1207	83	C-8325
1961	F	FR	29	0	2589	109489	54	0	79	15374	79	6814	84	C-8324
1966	U	PROD & MISS	6	NR	425	4045	8	NR	11	727	11	296		C-13037
1970	U	PROD	1	0	13	105	1	0	1	12	NR	NR		C-15691
1971	U	PROD	1	0	190	1521	3	0	3	64	0	NR		C-16157
1970	U	STAL	7	NR	692	6618	15	NR	44	965	44	965		C-15105
1954	T	PROD	3	0	475	6875	5	0	18	1408	18	NR		C-4626 C-4183
1971		PROD	2	0	NR	NR	2	0	NR	NR	NR	NR		C-16303
1968	U	PROD	2	0	65	1077	2	0	3	60	2	NR		C-12272
1966	U	PROD	1	0	218	3194	5	0	6	3878	4	65		C-11419
1973	M	PROD & OGAL	3	0	516	4566	3	0	52	420	52	225		C-16786

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME -----	DEPTH -----	THK ---	GRAV ---
SEWARD COUNTY =====							
MASSONI FIELD -----							
LEBEN OIL 25-32S31W	C-15801	STEWART		LKC	5370	184	36.0
SEWARD-STEVENS COUNTIES =====							
CUTTER FIELD -----							
MOBIL 6,7-31S34W 1,12-31S35W	C-13902	CUTTER UNIT AREA	W	U 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 -----							
LEBEN OIL 20- 6S26W	C-10188	HARDESTY	D	LANS	3744	94	34.5
HOXIE FIELD -----							
JOHN O. FARMER 36- 8S29W 1- 9S29W 6- 9S28W	C-16164	HOXIE UNIT	P	TOR	3856	5	39.0
HOXIE WEST FIELD -----							
KOCH EXPLORATION 35- 8S29W	C-15224	PRATT	W	SHAW	2816	14	27.9
KOCH EXPLORATION 34,35- 8S29W	C-18370	WEST HOXIE	W	LKC	3915	NR	27.9
JEROME FIELD -----							
OKMAR OIL 35- 8S27W	C-15349	JEROME	W	LKC	3930	5	39.0
OCHS FIELD -----							
L.G. STEPHENSON 24- 9S28W	C-18290	OCHS	P	LANS	3906	8	28.5
STUDLEY FIELD -----							
KRM PETROLEUM 22,23- 8S26W	C-6322	PRATT	D	LKC	3740	20	39.0

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)			
						1978	CUM			1978	CUM	1978	CUM		
1970	T	PROD	1	0	37	301	1	0	3	33	NR	NR		C-15801	
1968	M	PROD & OGLA	3	0	1276	12618	4	0	60	3074	60	2433		C-13902	
1972	U	CEDH	7	NR	1246	27508	11	NR	81	2164	81	1936		C-8906	
1963	T	PROD & CEDH	1	NR	27	4990	2	NR	3	321	3	282		C-9881	
1963	U	PROD	NR	NR	9	125	1	0	1	114	NR	NR	85	C-10188	
1971	U	PROD	3	0	176	1756	3	0	7	131	6	NR		C-16164	
1969	U	PROD	1	0	142	886	2	0	20	138	20	77		C-15224	
1976	U	PROD	1	0	174	346	3	0	3	366	3	8		C-18370	
1970	U	PROD	1	0	91	556	4	0	14	178	12	69		C-15349	
1976	U	PROD	1	0	16	43	1	0	1	17	0	0		C-18290	
1958	U	PROD	1	0	25	2074	2	0	2	759	2	64		C-6322	

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH -----	THK ---	GRAV ---
*SEE ALSO GRAHAM-SHERIDAN							
STAFFORD COUNTY *****							
BAYER FIELD -----							
PHILLIPS PETROLEUM 29-21S14W	C-15826	LINCOLN A	P	SIMP	3750	14	32.0
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
CENTERVIEW FIELD -----							
LADD PETROLEUM 28-24S13W	C-12237	TOLAND	P	LKC	3590	20	26.0
WHITE HAWK OIL 28-24S13W	C-11941	VAN LIEU UNIT	D	LKC	3580	12	25.0
CHASE-SILICA FIELD -----							
PARRISH OIL 4-21S12W	C-9481	SPACIL	D	ARB	3321	10	39.0
CRISSMAN FIELD -----							
ARCO 15,16-23S14W	C-13792	WELSH BEAVER UNIT	W	SIMP	3950	8	33.0
DELL EAST FIELD -----							
CITGO 8-21S13W	C-15378	REED WF	W	LKC	3300	49	NR
WHITE HAWK OIL 8-21S13W	C-15378	REED UNIT	P	LKC	3450	10	37.0
FANSHIER FIELD -----							
ICER ADDIS 16-21S13W	C-16704	HARMS	W	LKC	3319	5	33.0
ICER ADDIS 9-21S13W	C-16314	FANSHIER	W	LKC	3318	5	32.0
GATES FIELD -----							
ARCO 27-21S13W	C-12284	GATES UNIT	W	LKC	3550	130	38.0
ENERGY RESERVES 32-21S13W	C-16179	CHAPMAN	W	LKC	3500	20	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

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)		
					1978	CUM			1978	CUM	1978	CUM		
1970	U	PROD	1	0	4	21	1	0	3	282	NR	NR		C-15826
1970	U	PROD	1	0	4	21	1	0	3	282	NR	NR		C-15826
1969	M	PROD & FR	1	0	91	818	2	0	5	88	5	88		C-15211
1966	F	PROD & FR	2	0	112	NR	3	0	3	399	3	90		C-12237
1965	U	PROD	1	0	26	240	2	0	2	30	2	NR		C-11941
1962	U	PROD	1	0	86	1288	3	0	4	384	2	40		C-9481
1966	M	PROD & TER	2	0	200	3476	3	0	8	353	8	348		C-13792
1970	U	PROD	1	NR	120	235	2	NR	3	137	NR	NR		C-15378
1970	U	PROD	2	0	106	1697	4	0	11	140	11	NR		C-15378
1972	M	PROD & FR	1	0	64	328	2	0	4	161	1	9		C-16706
1972	M	PROD & FR	1	0	60	436	3	0	7	189	1	38		C-16316
1966	U	PROD	6	0	67	2440	1	0	11	158	11	158		C-12286
1971	U	PROD	1	0	287	1548	3	0	9	625	9	73		C-16179
1970	M	PROD & SHSD	3	0	262	2365	23	0	31	NR	15	62		C-15785
1967	U	PROD & ARH	2	0	110	744	4	0	7	505	3	27		C-13746
1977	U	PROD	1	0	131	696	8	0	8	365	4	54		C-16109

OPERATOR LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
STAFFORD COUNTY *****							
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 INC 19-29-23S14W	C-15604	CADMAN UNIT	W	LKC	3600	10	32.0
GRUNDER FIELD -----							
TOMLINSON OIL 11-25S15W	C-17842	GRUNDER	D	MISS	4222	26	34.0
HAZEL WEST FIELD -----							
EROUGH OIL 17-21S13W	C-18556	G. GROW	W	KC	3325	175	29.8
HICKMAN FIELD -----							
CHAPMAN EXPL INC 33-21S14W	C-17790	KRAMPE	W	LKC	3614	14	22.0
LEBEN OIL 27-21S14W	C-10320	GATES B & PILE		LANS	3412	200	29.0
HICKMAN WEST FIELD -----							
TENNECO 33-21S14W	C-17848	KRAMPE UNIT	W	LKC	3550	16	20.0
JORDAN FIELD -----							
CITGO 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 -----							
CITGO 14-23-24-25S14W	C-14970	KIPP N.E.	W	LKC	3650	21	32.0
KNOCHE SOUTH FIELD -----							
ERVINE SCHNEIDER 17-24S12W	C-16107	TEICHMAN		VIOLA	NR	NR	NR
PALOMINO PETROLEUM 8-24S12W	C-14623	JORDAN B	D	VIOL&LKC	3871	NR	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 OR	(MMCF)	MB OR	(MMCF)		
					1978	CUM			1978	CUM	1978	CUM		
1968	F	QUAT	2	0	83	3983	5	0	17	804	17	211		C-14551
1970	M	PROD & FR	3	0	111	1278	5	0	5	87	5	87		C-15604
1975	U	PROD	1	0	18	50	2	0	1	57	NR	NR		C-17842
NR	T	PROD	1	0	22	NR	2	0	3	NR	NR	NR		C-18556
1978	M	PROD & FR	1	0	28	92	1	0	2	100	1	1		C-17790
1963	T	PROD	2	0	228	1529	8	0	27	1259	5	43	86	C-10320
1975	M	PROD & FR	3	0	80	129	3	0	6	281	0	0		C-17848
1956	M	PROD & FRSD	5	0	610	7876	5	0	18	1608	18	532		C-16263
1948	U	PROD	1	0	332	1288	1	0	1	228	NR	NR		C-1976
1946	U	PROD	1	0	55	1312	5	0	6	NR	6	NR		C-1419
1961	M	PROD&FR SD	2	0	157	2196	2	0	4	432	4	81		C-14970
NR	T	PROD	1	0	NR	NR	1	0	NR	NR	NR	NR	87	C-16107
1968	U	PROD	1	0	5	63	1	0	1	98	NR	NR		C-14623

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME -----	DEPTH -----	THK ---	GRAV ---
STAFFORD COUNTY *****							
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
MAX FIELD -----							
PHILLIPS PETROLEUM 34-21S12W	C-15562	SIEFKES A	D	LKC	3294	2	38.0
MCCANDLESS FIELD -----							
ARCO 30-25S13W	C-14032	MCCANDLESS		LKC	3701	5	NR
MCKITRICK FIELD -----							
ASPEN DRILLING 28-21S11W	C-17223	WOLF A	W	SIMP	3350	18	48.0
MERLE FIELD -----							
SOUTHERN STATES OIL 31#32-23S13W	C-8551	WILLIAMS	P	KC	3699	10	30.0
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-13909	WALLS A WF	W	LKC	3450	7	30.7
MUELLER FIELD -----							
JOE HOLMAN 18-21S12W	C-6117	WELCH	W	ARB	3570	14	36.3
LEBEN OIL 12-21S13W	C-6062	BATMAN B	D	ARB	3570	NR	37.0
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

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)		
					1978	CUM			1978	CUM	1978	CUM		
1970	M	PROD & FR	1	0	54	338	2	0	1	NR	1	20		C-15408
1974	U	PROD	2	0	29	155	5	0	5	283	1	1		C-17285
1964	F	FR	8	0	284	10690	6	0	15	890	15	769		C-11122
1970	U	PROD	1	0	23	86	2	0	6	201	NR	NR		C-15562
NR		PROD	0	0	0	0	5	0	7	644	0	0		C-14032
1973	U	PROD	1	0	25	113	4	0	10	364	6	29		C-17223
1965	T	PROD	1	0	20	1215	2	0	1	NR	1	NR		C-8551
1970	T	PROD	1	0	183	1754	5	0	9	NR	NR	NR		C-15347
1967	M	PROD & QUAT	1	0	45	512	2	0	7	396	7	156		C-13909
1958	T	PROD	2	0	46	1252	2	0	4	107	4	107		C-6117
1958	T	PROD	1	0	26	363	3	0	13	NR	1	15	88	C-6062
1978	M	NR	1	0	10	10	5	1	11	13328	11	11		CR-9782
1976	U	PROD	1	0	84	148	2	0	4	10	1	2		C-18245
1967	U	PROD	1	0	40	190	2	0	7	25	NR	NR		C-13180

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH -----	THK ---	GRAV ---
STAFFORD COUNTY *****							
OSCAR NORTH FIELD -----							
PALOMINO PETROLEUM 12-22S14W	C-15248	WILLIAMS	W	LKC	3553	5	30.0
OSCAR SOUTH FIELD -----							
PETROLEUM INC 26-22S14W	C-5948	OSCAR SOUTH	W	LKC	3456	10	32.8
OSCAR WEST FIELD -----							
CITGO 15,16,21,22-22S14W	C-6336	OSCAR WEST UNIT	W	LKC	3600	7	33.0
PLEASANT GROVE FIELD -----							
JOHN S. MARTIN 26-22S12W	C-6910	SPANGENBERG	W	KC	3550	10	32.0
PUNDSACK FIELD -----							
CITGO 19,20,29,30-21S13W	C-13372	PUNDSACK UNIT	W	LKC	3270	27	30.0
RADIUM TOWNSITE FIELD -----							
CHAPMAN EXPL INC 32,33-21S14W	C-16232	BANER-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	MCCONNAUGHWAY UNIT	W	LKC	3700	10	28.0
RICHARDSON FIELD -----							
C&S WELL SERVICE 20-22S11W	C-13751	AIKEN	P	KC	3500	200	38.0
SAND HILLS FIELD -----							
BERGMAN OIL 36-21S12W 31-21S11W	C-12920	MELLIES	W	SIMP	3504	4	42.0
CHAPMAN EXPL INC 30-21S11W	C-17119	DUGGAN	W	LKC	3329	6	36.0
SAUNDRA FIELD -----							
SOUTHERN STATES OIL 22-21S12W	CR47710	ROSE	W	LKC	3266	6	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 OR	(MMCF)	MB OR	(MMCF)	NO
					1978	CUM			1978	CUM	1978	CUM	
1969	F	PROD & SH	1	0	73	1065	3	0	5	500	3	27	C-15248
1957	T	PROD	1	0	1	42	1	0	2	133	2	54	C-5948
1958	M	PROD & FRSD	8	0	823	15228	9	0	28	2568	28	1750	C-6336
NR	T	PROD	1	NR	69	NR	3	NR	3	NR	3	NR	C-6910
1967	M	PROD & SHSD	7	0	359	6128	4	0	7	1110	7	233	C-13372
1973	T	PROD & ARB	3	0	100	580	5	0	24	1151	24	119	C-16232
1971	T	PROD	1	0	173	1112	3	0	7	NR	7	NR	C-16034
1976	T	PROD	1	0	13	31	1	0	2	84	0	0	C-18179
1976	T	PROD	1	0	13	27	1	0	1	115	0	0	C-18379
1961	U	PROD	1	0	4	47	1	0	2	36	2	NR	C-8232
1960	T	PROD	1	0	100	2175	1	0	2	53	NR	NR	C-13751
1966	T	PROD	1	0	1	38	1	0	2	39	0	13	C-12920
1973	T	PROD & ARB	1	0	27	154	1	0	5	218	5	12	C-17119
1977	T	PROD	1	0	55	90	11	0	17	99	17	NR	CR47710

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
STAFFORD COUNTY =====							
SAUNDRA FIELD -----							
SOUTHERN STATES OIL 15-21S12W	C-15780	CHRISTIENSEN	P	KC	3361	25	33.0
SEEVERS NORTHWEST FIELD -----							
LADD PETROLEUM 1-25S14W	C-13617	SANDERS UNIT	W	LKC	3664	NR	29.0
PETROLEUM INC 6-25S13W 1,12-25S14W	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 -----							
LEBEN OIL 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-IANWITTI 9-22S13W	C-15937	SILVER BELL P.F.	W	LKC	3530	4	31.0
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
SNIDER FIELD -----							
F.G. HOLL ET AL 11-21S11W	C-13889	SCHAFER	D	CONGL	3350	25	48.5
ST. JOHN FIELD -----							
ARCO 27-24S13W	C-12286	MCNAUGHTEN B	W	LKC	3711	300	32.2
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							
SUMNER COUNTY =====							
ANSON SOUTHEAST FIELD -----							
PHILLIPS PETROLEUM 6,7-31S 1W	C-13989	ANSON WEST UNIT	P	MISS	3750	10	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)		TOT	NEW	MB OR (MMCF)		MB OR (MMCF)			
					1978	CUM			1978	CUM	1978	CUM		
1971	T	PROD	1	0	16	326	4	0	4	41	4	41		C-15780
1967	T	PROD	2	0	143	1515	3	0	3	367	3	60		C-13617
1969	F	QUAT	7	0	547	5331	12	0	18	1445	18	368		C-14994
1967	U	PROD	1	0	23	328	2	0	2	147	1	4		C-13406
1961	T	PROD	1	0	4	988	1	0	2	225	0	0	89	C-8784
1965	M	PROD & QUAT	1	0	70	518	2	0	2	371	2	147		C-11894
1969	M	PROD & FR	2	0	286	2394	2	0	9	128	9	103		C-14211
1967	T	PROD	1	0	88	1432	2	0	1	26	1	4		C-15937
1965	U	PROD	1	0	151	718	4	0	25	168	21	119		C-11775
1957	M	PROD & FR	3	0	154	4844	1	0	1	190	1	190		C-11857
1967	U	PROD	1	0	9	121	1	0	1	88	NR	NR		C-13889
1968	M	PROD & TER	2	0	347	2871	2	0	16	457	16	456		C-12286
1965	U	PROD	1	0	70	483	1	0	2	75	1	2		C-12323
1975	U	PROD	2	0	339	1278	2	0	3	380	3	72		C-18099
1968	M	PROD & FR	2	0	248	3995	7	0	32	1209	19	281		C-13989

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
SUMNER COUNTY *****							
ANSON SOUTHEAST FIELD -----							
PHILLIPS PETROLEUM 6,7,18-31S 1W	C-11093	ANSON EAST 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
BATES FIELD -----							
PHILLIPS PETROLEUM 31-31S 1W 36-30S 2W	C-13900	BATES UNIT		MISS	3750	10	41.0
CASTER FIELD -----							
RESERVE OIL INC 2,3-34S 2E 34,35-33S 2E 34-33S 2E	C-15716	CASTER	D	LAYTON	2680	10	41.0
CHURCHILL FIELD -----							
N.R. NELSON 25-31S 2E	C-18419	NELSON	D	HOOVER	1596	6	NR
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
HOLMAN FIELD -----							
DONALD C. SLAWSON 26,35-33S 2E	C-18062	HOLMAN UNIT	W	BARTL	3275	18	39.0
INTERCHANGE FIELD -----							
LARIO OIL & GAS 18,19-32S 1E	C-10738	ASHTON-LYNCH UNIT	P	SIMP	4050	NR	43.0
LATTA FIELD -----							
OKMAR OIL 8,9-30S 2W	C-15035	LATTA COOP	W	LKC	3045	5	37.0
LATTA NORTHWEST FIELD -----							
DUNNE-GARDNER PETR 5-30S 2W	C-17986	DALEY	D	LANS	3170	3	36.0
TEXACO 5-30S 2W	C-8774	LATTA N.W.	P	KC	3180	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)	MB OR	(MMCF)		
						1978	CUM			1978	CUM	1978	CUM	
1964	F	FR WELL	2	0	305	4488	8	0	31	1761	8	852		C-11093
1966	U	PROD & ARB	1	0	NR	NR	4	0	3	102	1	8		C-12774
1967	U	PROD & STAL	2	0	745	7303	11	0	56	1041	38	296		C-13900
1970	U	PROD	2	0	198	1183	13	0	18	465	NR	NR		C-15716
1976		PROD	1	0	2	NR	1	0	3	NR	NR	NR		C-18419
1967	U	PROD	2	0	406	5292	3	0	8	1196	0	0		C-12381
1969	U	PROD	3	0	349	2495	5	0	5	153	5	126		C-14630
1976	T	PROD & STAL	4	0	366	1042	6	0	5	546	1	10		C-18062
1964	U	PROD	1	0	122	899	2	0	49	898	16	52		C-10738
1969	U	PROD	2	0	301	1394	5	0	20	567	NR	NR		C-15035
1975	U	PROD	1	0	2	41	2	0	2	163	NR	NR		C-17986
1977	U	PROD	1	0	99	125	4	0	20	23	NR	NR		C-8774

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
SUMNER COUNTY *****							
LOVE FIELD -----							
CONOCO 13-32S 4W	C-15195	LOVE	P	SIMP	4378	12	NR
MURPHY FIELD -----							
TERRA RESOURCES 8,9,16,17-35S 2E	C-14498	VERNON NORTH UNIT	W	MISS	3392	11	40.1
OHARA FIELD -----							
STELBAR OIL CORP 18-32S 1W	C-9106	O'HARA	W	KC	3250	10	35.0
PADGETT FIELD -----							
JOHN A. GUYOT 22-32S 4E	C-4061	THIESSEN	D	MISS	3491	29	40.2
STELBAR OIL CORP 34-34S 2E	C-10688	POST	W	MISS	3450	30	40.0
STELBAR OIL CORP 26,27,34-34S 2E	C-14030	NORRISH-SHAWVER	W	MISS	3450	30	40.0
PORTLAND FIELD -----							
A.L. ABERCROMBIE 16-34S 1E	C-16148	HUNT		LAYTON	3026	31	39.0
ROME FIELD -----							
ANADARKC PRODUCTION 7,18-33S 1E	C-18663	ROME	P	SIMP	4170	19	40.2
RUSK FIELD -----							
LARIO OIL & GAS 8-32S 1W	C-17898	RUSK	P	SIMP	4027	NR	38.0
RUTTER SOUTHWEST FIELD -----							
LARIO OIL & GAS 29-33S 2E	C-12773	KING	P	SIMP	3525	15	38.0
SEYDELL FIELD -----							
MORRIS E. SEYDELL 8,16-30S 1E	C-11612	SEYDELL	W	SIMP	3800	13	40.0
TENNECO 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	CONROD	W	BARTL	3124	13	42.0

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)		
					1978	CUM			1978	CUM	1978	CUM		
1973	U	PROD	1	0	21	288	1	0	0	0	NR	NR		C-15195
1961	T	PROD&STAL	5	0	476	7911	6	0	16	700	16	330		C-14498
1961	T	PROD	2	0	72	1693	4	0	5	267	5	NR		C-9106
NR	U	PROD	1	0	14	NR	2	0	2	NR	NR	NR		C-4061
1965	U	PROD & STAL	1	0	146	1104	2	0	7	73	6	NR		C-10688
1960	U	PROD	2	0	329	1816	12	0	25	208	25	NR		C-14030 C-9209
1971	U	PROD	1	0	77	699	3	0	2	622	NR	NR		C-16148
1977	U	PROD	1	0	53	67	5	0	104	281	NR	NR		C-18663
1978	U	PROD	1	0	95	258	1	0	2	368	NR	NR		C-17898
1964	U	ARB	2	0	159	621	1	0	6	148	3	25		C-12773
1963	M	PROD & FR	3	0	370	2584	4	0	9	849	9	273		C-11612
1969	U	PROD	1	0	136	NR	1	0	2	NR	0	0	90	C-14742
1976	T	PROD	1	0	11	35	1	0	3	8	NR	NR		C-18259
1972	T	PROD	1	0	7	141	1	0	2	102	2	23		C-16485

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
SUMNER COUNTY *****							
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	42.5
TREGO COUNTY *****							
GARNER WEST FIELD -----							
BENJAMIN TEPPER 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 34,35-14S21W	C-17618	WANNAMAKER-HOLTSINGER	P	PENN	3930	6	40.0
HOLLAND FIELD -----							
DONALD C. SLAWSON 23-13S22W	C-17377	HOLLAND B	W	LKC	3650	5	31.0
MONG 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 LKC	W	LKC	3760	12	36.0
TEXACO 1-12S23W	C-16356	NEWCOMER UNIT	W	LKC	3650	4	38.4
NICHOLSON FIELD -----							
CITGO 25-11S21W	C-17636	NICHOLSON LKC WF	W	LKC	3580	12	NR
OGALLAH FIELD -----							
COLORADO OIL & GAS 26-12S22W	C-14633	SCHOENTHALER	D	LKC	3580	10	39.0

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)		
					1978	CUM			1978	CUM	1978	CUM		
1964	T	PROD	1	0	174	3789	2	0	5	352	5	111		C-11012
1971	U	PROD & STAL	1	0	44	320	2	0	6	176	NR	NR		C-15952
1953	T	PROD & STAL	33	0	5251	129039	67	0	133	9689	133	9074		C-3396
1972	U	PROD	1	0	130	978	2	0	3	94	NR	NR		C-16437
1967	M	PROD & FR	1	0	61	NR	2	0	8	NR	3	NR		C-13935
1974	U	PROD	2	0	142	762	5	0	23	140	16	81		C-17618
1974	U	PROD	1	0	38	146	2	0	4	85	2	5		C-17377
1962	U	PROD	1	0	15	NR	2	1	1	NR	NR	NR		C-11229
1960	U	PROD	1	0	91	1082	2	0	3	210	1	104		C-8278
1960	U	PROD	1	0	104	4187	6	0	12	607	12	457		C-10092
1972	M	PROD & CEDH	4	0	873	2702	4	0	16	126	13	73		C-16356
1974	M	PROD & DAK	1	0	108	309	2	0	3	170	3	14		C-17636
1969	U	PROD & ARB	1	0	0	567	3	0	3	479	NR	NR		C-14633

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME -----	DEPTH -----	THK ---	GRAV -----
TREGO COUNTY *****							
OGALLAH FIELD -----							
TEXACO 25,26,27,31,34-12S22W 35,36-12S22W	C-14948	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 EAST FIELD -----							
RUPE OIL 7-11S24W	CR10771	DAVIS	P	LANS	3830	7	37.0
TRICO FIELD -----							
CITGO 1-11S21W	C-17094	SPAULDING B WF	W	LKC	3366	8	NR
WAKEENEY FIELD -----							
OKMAR OIL 15-11S23W	C-6045	KRAUS-LEMKE	W	LKC	3500	5	40.0
OKMAR OIL 13,24-11S24W	C-14181	MONG	W	LKC	3539	5	36.0
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
WILSON COUNTY *****							
ALTOONA FIELD -----							
H.L. RICHEY 8,9,16,17,20-28S17E	C-5749	WIGGANS	W	BARTL	1000	18	28.0
JONES & CAMPBELL INC 31-28S17E 1-29S16E	C-8983	SHORT	W	SQUIR	790	20	29.0
NICHOLAS SAGE 21-29S16E	C-7516	MULLEN	W	BARTL	780	12	36.0
BENEDICT FIELD -----							
HOWARD LACHENMAYR 11,14,15,22,23-28S15E	CR-6773	KEITH	D	BARTL	1050	7	31.0

		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)			
						1978	CUM			1978	CUM	1978	CUM		
NR		NR	0	0	0	0	32	0	96	2976	0	0	C-14667 C-14666	C-14948 C-6779	
1974	U	PROD	1	0	175	716	4	0	7	32	NR	NR		C-17401	
1977	U	PROD	1	0	70	80	2	1	21	35	NR	NR		CR10771	
1974	U	PROD	1	0	107	436	3	0	14	595	14	65		C-17094	
1958	U	PROD	1	0	90	NR	2	0	1	625	1	NR		C-6045	
NR	U	PROD	1	0	57	1975	2	0	6	73	11	17		C-14181	
1969	U	PROD	2	0	355	3263	5	0	10	165	10	79		C-14887	
1967	U	PROD	1	0	229	2420	2	0	3	245	3	27		C-13504	
NR	U	PROD	12	0	26	NR	28	0	7	NR	NR	NR		C-5749	
NR	U	PROD & OSWE	7	0	100	NR	9	0	1	NR	1	NR		C-8983	
1964	U	OSWE	2	0	14	257	3	0	1	25	1	25		C-7516	
1977	U	PROD	1	0	4	7	5	0	1	1	NR	NR		CR-6773	

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ---
WILSON COUNTY =====							
BENEDICT FIELD -----							
L & L OIL 11-28S15E	C-10348	ROBERTS	P	BARTL	950	10	30.0
L & L OIL 24-28S15E	C-7467	MORTON	P	BARTL	950	16	NR
NOW INVESTMENTS 1-28S15E	C-11983	GALLON	D	BARTL	1074	15	29.0
BUFFALO-VILAS FIELD -----							
JAMES L. CHEEVER 14-27S15E	C-12901	MILLIGAN-PAYNE	D	BARTL	925	20	35.0
FREDONIA FIELD -----							
R.R. ABDERHALDEN 27,28,34,35-28S15E	C-8283	VAN CAMP	W	BARTL	1160	40	25.0
WYCKOFF & E. RUNYON 2-20S15E	C-18342	BAKER	D	BARTL	1000	12	33.0
NEODESHA FIELD -----							
ALBIAN W. BAILEY 20,21,28,29,32-30S16E	C-9937	UNIT 1	W	NEOD	800	15	38.0
33-30S16E							
ALBIAN W. BAILEY 19-30S16E	C-10232	KIMBALL-DUNN	W	NEOD	885	15	38.0
ALBIAN W. BAILEY 21-30S16E	C-10231	BARNES	W	NEOD	750	12	38.0
HOPE OIL INVEST 26-30S16E	C-18097	DICKENS	W	BARTL	800	15	35.0
NICHOLAS SAGE 16-30S16E	C-18060	CRAM	W	BARTL	780	20	36.0
NICHOLAS SAGE 26-30S16E	C-7521	PHILLIPS PETROLEUM	W	BARTL	780	20	38.0
WOODSON COUNTY =====							
BATESVILLE FIELD -----							
CLIFF VAN RICKLEY 9,10,15,16-25S14E	C-18388	BERRY	W	SQUIR	1300	9	23.0
MARION MYERS 29-25S14E	C-10770	CORTERY	P	BARTL	1400	20	40.0
BIG SANDY FIELD -----							
MACK C. COLT INC 14,22,23-26S14E	C-6103	BIG SANDY	W	BARTL	1300	35	21.0
DURAND FIELD -----							
DUNIGAN 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

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)			
					1978 CUM				1978 CUM		1978 CUM			
NR	T	PROD	1	0	1	NR	3	0	1	NR	NR	NR		C-10348
NR	T	PROD	1	0	1	NR	4	0	1	NR	NR	NR		C-7467
1965	M	PROD & OSWE	1	0	1	NR	3	0	1	NR	1	NR	91	C-11983
1966	U	PROD	1	0	2	NR	7	2	3	NR	0	0		C-12901
1961	T	PROD & OSWE	25	0	860	9242	25	0	10	296	10	296		C-8283
1976	U	PROD	1	0	4	NR	3	1	1	NR	NR	NR		C-18342
1961	M	PROD & FR	69	0	435	12027	70	1	10	494	10	494		C-9937
1963	F	SH GRAV	0	0	0	564	3	0	1	33	1	24		C-10232
1964	F	SH GRAV	0	0	0	240	2	0	1	4	NR	NR		C-10231
1976	U	PROD	2	0	9	17	6	0	1	11	1	11		C-18097
1976	U	PROD	1	0	6	19	7	0	1	16	1	2		C-18060
1962	U	SW S	3	0	18	825	8	0	1	93	1	93		C-7521
1977	U	PROD&BARTL	1	0	1	NR	5	0	1	NR	NR	NR	92	C-18388
1973	U	PROD	1	0	109	NR	6	1	9	NR	NR	NR		C-10770
1957	T	PROD & CHE	8	0	147	2005	43	0	18	NR	18	581		C-6103
1969	T	PROD & KC	1	0	9	213	3	0	2	23	2	23		C-14889
1970	U	PROD	1	0	NR	NR	5	0	3	NR	NR	NR		C-15067

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ---	DEPTH -----	THK ---	GRAV ---
WOODSON COUNTY *****							
DURAND FIELD -----							
STUBBS & FLEMING 8-25S16E	CR-3781	FULHAGE	D	SQUIR	950	10	23.0
HUMBOLDT-CHANUTE FIELD -----							
FLOYD DOTSON ESTATE 20,21,27,28-25S17E	C-9075	MOON-PRIBBERNOW	W	SQUIR	800	10	27.0
NEOSHO FALLS-LEROY FIELD -----							
CHRIESTENSON OIL 34-23S17E	CR-5771	MENTZER	P	MISS	1190	10	35.4
LANCE E. BALLARD 3-24S17E	CR-5782	NELSON	D	MISS	1200	8	33.0
LEEDY-BIAMAN OIL 24,25-23S16E	C-13220	LEEDY-ENTZ	P	SQUIR	924	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 -----							
N & B ENTERPRISES 8-25S16E	C-15500	OWL CREEK	W	SQUIR	950	10	23.0
TEC DRILLING 16,17,20,21-25S16E	C-15417	OWL CREEK	W	SQUIR	911	12	24.0
OWL CREEK SOUTHEAST FIELD -----							
LANCE E. BALLARD 15-25S16E	CR-5785	CROUCH	W	SQUIR	850	6	23.0
PIQUA FIELD -----							
ALCO DRILLING 15,22-24S17E 22-24S17E	CR-2784	SPECHT	D	MISS	1200	10	31.0
QUINCY FIELD -----							
BOUSE OIL 34-25S14E	CR-4786	HASSENPFUG	D	BARTL	1486	7	33.0
T.E. BIRD 19,20,28,29-25S14E 24-25S13E	C-10634	BATESVILLE	W	BARTL	1425	40	40.0
SILVER CITY FIELD -----							
STEINFORTH & SAUBERS 15-26S15E	C-12198	SILVER CITY UNIT A	W	BARTL	1400	20	28.0
STEINFORTH & SAUBERS 20,29-26S15E	C-11604	SILVER CITY UNIT B	W	BARTL	1400	20	28.0
VERNON FIELD -----							
JAMES E. RUSSELL PET 35-23S16E 2-24S16E	C-6887	ALJO FLOOD	W	SQUIR	1000	22	26.0

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)			
					1978	CUM			1978	CUM	1978	CUM		
1977	U	PROD	1	0	9	11	19	2	8	140	NR	NR		CR-3781
NR	U	PROD & KC	NR	0	NR	NR	NR	0	NR		NR	NR		C-9075
1977	U	PROD	1	0	15	20	5	1	2	3	NR	NR		CR-5771
1977	T	PROD	1	0	7	8	4	1	4	16	0	0		CR-5782
1967	U	PROD & LKC	1	0	3	314	19	2	5	37	NR	NR		C-13220
1969	U	PROD	1	0	2	NR	7	2	7	NR	NR	NR		C-14914
1966	U	PROD	NR	0	2	NR	11	5	5	78	NR	NR		C-12579
1976	U	PROD	4	0	10	NR	16	0	4	NR	3	NR		C-15500
1975	T	PROD&LKC	6	0	68	211	25	1	19	220	12	52		C-15417
NR	U	PROD	1	0	2	NR	5	1	1	NR	NR	NR		CR-5785
1978	U	PROD	1	0	NR	NR	4	0	NR	NR	NR	NR		CR-2784
1978	U	PROD	1	0	1	1	1	0	1	1	0	0		CR-4786
1942	T	PROD	14	0	452	31968	31	0	34	5217	34	5217		C-10634
														C-10584 C-727
1965	U	PROD	4	0	6	688	7	0	1	30	1	30		C-12198
1967	U	PROD	3	0	7	272	3	0	1	27	1	27		C-11604
1963	T	KC	19	0	161	4514	55	0	17	731	17	605		C-6887

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
WOODSON COUNTY *****							
VERNON FIELD -----							
JAMES E. RUSSELL PET 1,11,12-24S16E	C-12706	SOUTH VERNON	W	SQUIR	1000	20	26.0
KANALTA RESOURCES 13-24S15E	C-18572	WESTON ET AL	W	SQUIR	1090	14	23.0
KANALTA RESOURCES 34-23S16E	C-10670	STURLONG	W	SQUIR	1100	14	23.0
KERECALL 15-24S16E	CR-3773	LUEKING	W	SQUIR	1010	60	25.0
L.C. BODEMANN JR 16,17-24S17E	C-17126	WINGRAVE	W	SQUIR	1015	20	26.0
L.C. BODEMANN JR 18-24S16E	CR97710	VIRGINIA ALEXANDER	W	SQUIR	1110	20	22.8
LONG OIL 29,33-23S16E	C-12385	GLADES-FULLER	W	SQUIR	1039	15	24.0
ORVILL W. HESTING 4-24S16E	CR10773	C. ROBERTS	W	SQUIR	1050	9	24.4
TAP OIL 5-24S16E	C-14285	VERNON PROJECT	W	SQUIR	1180	35	22.0
TAP OIL 9,16-24S16E	CR-3787	GLADES	W	SQUIR	1015	12	25.0
VIRGIL FIELD -----							
FRENCH OIL 20-23S14E	C-5646	SOUTH PEEK	P	MISS	1700	6	37.0
FRENCH OIL 35-23S14E	C-7898	ARNOLD	P	MISS	1700	5	36.0
FRENCH OIL 24-23S13E	C-8459	FLOYD JONES	P	MISS	1700	3	36.0
FRENCH OIL 21-23S14E	C-6222	QUARTET	P	MISS	1700	6	36.0
FRENCH OIL 29-23S14E	C-5662	HEADLEY	P	MISS	1700	6	37.0
FRENCH OIL 24-24S13E	C-12189	KNOX	P	MISS	1600	4	33.0
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 31-23S14E	C-1056	MACLASKEY	P	MISS	1600	6	36.0
FRENCH OIL 32-23S14E	C-416	DEWEY	P	MISS	1600	6	37.0
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 30-23S14E	C-6088	W. JONES	P	MISS	1700	6	37.0
FRENCH-WINTERSCHIED 18-24S14E	C-6021	KIMBELL	P	DOUG	1700	6	35.0
FRENCH-WINTERSCHIED 7-24S14E	C-3893	SMITH-JOBE	P	MISS	1700	6	36.0
FRENCH-WINTERSCHIED 21-23S14E	C-5645	EMMA OTTO	P	MISS	1700	14	36.0
SUN OIL 14,23-23S13E	C-8745	BAHR		MISS	1700	125	30.8

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)			
					1978		CUM			1978		CUM	1978		CUM			
1976		NR	6	1	017	0	65	01	9	0	8	12	9	8	8		C-12706	
1976	U	PROD & KC	7	0	NR		NR	19	4	7	NR		7	NR			C-18572	
1965	T	PROD & KC	8	NR	NR		NR	17	0	6	NR		6	NR			C-10670 C-10663 CR-3773	
1977	T	PROD	1	0	3		6	22	1	11	36		NR	NR				
1973	U	PROD	1	0	6		90	9	0	2	71		2		13		C-17126	
1977	U	PROD & KC	1	0	4		5	10	0	2	80		NR	NR			CR97710	
1966	U	PROD & KC	6	0	28		NR	30	4	16	NR		4	NR			C-12385	
1977	U	NR	1	0	1		NR	4	1	1	NR		NR	NR			CR10773	
1969	T	PROD & KC	1	0	10		231	5	1	4	NR		NR	NR			C-14285	
1978	T	PROD	1	1	1		1	12	2	NR	NR		NR	NR			CR-3787	
1956	T	PROD	1	0	30		1050	8	0	8	NR		2		107		C-5646	
1960	T	PROD	1	0	15		415	4	0	1	NR		1		18		C-7898	
NR	T	PROD	1	0	38		1218	5	0	2	NR		1		19		C-8459	
1955	T	PROD	1	0	4		44	2	0	3	NR		1		32		C-6222	
1955	T	PROD	1	0	12		392	6	0	6	NR		2		51		C-5662	
1965	T	PROD	1	0	8		98	4	0	3	NR		1		24		C-12189	
1963	T	PROD	1	0	18		278	6	0	2	NR		1		26		C-12149	
1955	T	PROD	1	0	35		1185	11	0	11	NR		4		79		C-3902	
1955	T	PROD	1	0	10		170	4	0	2	NR		1		19		C-1356	
1956	T	PROD	1	0	24		364	7	0	11	NR		3		83		C-416	
1950	T	PROD	1	0	25		975	6	0	3	NR		1		62		C-3892	
1950	T	PROD	1	0	58		740	5	0	2	NR		1		74		C-1055	
NR	T	PROD	1	0	33		1088	4	0	2	NR		1		50		C-6088	
NR	T	PROD	1	0	20		180	3	0	2	NR		1		9		C-6021	
NR	U	PROD	1	0	29		964	5	0	1	NR		1		70		C-3893	
NR	T	PROD	1	0	14		389	2	0	1	NR		1		20		C-5645	
1961		NR	0	0	0		13366	5	0	3	419		NR	NR			C-8745	

OPERATOR ----- LOCATION -----	PROJECT NO -----	PROJECT NAME -----	TYP PRJ ---	OIL PRODUCING ZONE -----			
				NAME ----	DEPTH -----	THK ---	GRAV ----
WOODSON COUNTY *****							
WINTERSCHEID FIELD -----							
ARCO 29,30-23S14E	C-7103	WINTERSCHEID WFP	W	MISS	1700	20	39.0
BARNETT OIL 23-23S13E	C-17607	BAHR	D	VIOLA	2200	10	34.0
BERTHA MACLASKEY 34-23S14E	CR-4788	SCOTT	P	MISS	1722	NR	36.0
FRENCH OIL 21-23S14E	C-16395	E. OTTO B	P	MISS	1685	5	36.0
FRENCH-WINTERSCHEID 28-23S14E	C-16396	EBY(FIGGE)	P	MISS	1685	7	36.0
GULF 29-23S14E	C-12212	MACLASKEY	W	MISS	1670	20	39.0
KRAFT OIL 24-23S14E	C-11700	RICK A & OWENS	W	MISS	1600	20	38.0
KRAFT OIL 34-23S14E	C-14365	FIGGER	W	MISS	1650	20	38.0
KRAFT OIL 6-24S15E	C-13070	WEIDE	W	MISS	1550	20	36.0
KRAFT OIL 31-23S15E	C-13047	WEIDE	W	MISS	1550	14	39.0
TESORO PETR CORP 33,34-23S14E	C-14365	EMERY PROJECT	W	MISS	1680	20	35.0
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
YATES CENTER FIELD -----							
T.E. BIRD 27-25S15E	C-1474	YATES CENTER	W	MISS	1500	5	32.0
TESORO PETR CORP 21,22-25S15E	C-11592	YATES CENTER	W	MISS	1480	15	38.0

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)		
					1978	CUM			1978	CUM	1978	CUM		
1960	U	PROD & DOUG	14	0	1061	19094	27	0	23	897	23	813		C-7103
1975	U	PROD	1	0	150	453	10	0	13	360	2	8		C-17607
1969	U	PROD	1	0	0	4	2	0	1	NR	NR	NR		CR-4788
1960	T	PROD	1	0	2	14	9	0	2	NR	1	10		C-16395
NR		PROD	1	0	5	35	16	0	13	NR	5	36		C-16396
1944	U	PROD	3	0	255	3617	12	0	14	951	14	255	93	C-12212
1965	U	PROD	1	0	22	113	4	0	1	4	1	2		C-1054 C-11700
1968	T	PROD	1	0	91	1807	5	0	4	17	1	3		C-14365
1967	U	PROD	1	0	20	117	3	0	2	7	1	2		C-13070
1965	T	PROD	2	0	110	647	3	0	2	10	1	4		C-13047
1961	U	PROD & ARB	8	0	1044	21512	23	0	11	429	NR	NR		C-14365
1963	T	PROD & ARB	4	0	377	10726	17	0	15	388	15	388		C-6143 C-10251
1954	U	PROD	1		36	NR	6	0	2	NR	NR	NR		C-4218
1946	T	PROD	3	0	403	3093	6	0	9	348	9	348		C-1474
1968	T	PROD & ARB	5	0	880	16555	12	0	8	782	NR	NR		C-11592

NOTES

1 PREVIOUS OWNER WAS RAINBOW OIL, INC.
2 PREVIOUS OWNER WAS RAINBOW OIL
3 PREVIOUS OWNER WAS KEWANEE OIL COMPANY
4 PREVIOUS OWNER WAS KEWANEE OIL COMPANY
5 PREVIOUS OWNER WAS CONOCO
6 PREVIOUS OWNER WAS KEWANEE OIL COMPANY
7 PREVIOUS OWNER WAS KAISER FRANCIS
8 PREVIOUS OWNER WAS GAS PROD ENTER
9 PREVIOUS OWNER WAS GAS PROD ENTER
10 PREVIOUS OWNER WAS KEWANEE OIL COMPANY
11 PREVIOUS OWNER WAS GAS PROD ENTER
12 PREVIOUS OWNER WAS LEE PHILLIPS OIL CO
13 PREVIOUS OWNER WAS KEWANEE OIL COMPANY
14 PREVIOUS OWNER WAS KEWANEE OIL COMPANY
15 PREVIOUS OWNER WAS AIR INJ DISC
16 PREVIOUS OWNER WAS RAY LAW
17 PREVIOUS OWNER WAS KEWANEE OIL
18 PREVIOUS OWNER WAS KAISER
19 PREVIOUS OWNER WAS DECK OIL COMPANY
20 PREVIOUS OWNER WAS MERLIN HICKMAN
21 PREVIOUS OWNER WAS MERLIN HICKMAN
22 PREVIOUS OWNER WAS MERLIN HICKMAN
23 PREVIOUS OWNER WAS MOCO OIL
24 PREVIOUS OWNER WAS MOCO OIL
25 PREVIOUS OWNER WAS SHENANDOAH OIL CORP
26 PREVIOUS OWNER WAS W.R. GROSS
27 PREVIOUS OWNER WAS KEWANEE OIL
28 PREVIOUS OWNER WAS KEWANEE OIL
29 PREVIOUS OWNER WAS SHENANDOAH OIL
30 PREVIOUS OWNER WAS SHENANDOAH OIL
31 PREVIOUS OWNER WAS SHENANDOAH OIL CORP
32 PREVIOUS OWNER WAS KEWANEE OIL
33 PREVIOUS OWNER WAS ICER ADDIS
34 PREVIOUS OWNER WAS JACKSON OIL
35 PREVIOUS OWNER WAS OAKS PETROLEUM
36 PREVIOUS OWNER WAS L.B. CAMPBELL, ETAL

NOTES

37 PREVIOUS OWNER WAS R & G OIL
38 PREVIOUS OWNER WAS H.L. ELLIS
39 PREVIOUS OWNER WAS H.L. ELLIS
40 PREVIOUS OWNER WAS M.L. BROWN
41 PREVIOUS OWNER WAS M. L. BROWN
42 PREVIOUS OWNER WAS KENNETH C. MCKEE
43 PREVIOUS OWNER WAS KEWANEE OIL
44 PREVIOUS OWNER WAS KAISER-FRANCIS
45 PREVIOUS OWNER WAS KEWANEE OIL COMPANY
46 PREVIOUS OWNER WAS KEWANEE OIL COMPANY
47 PREVIOUS OWNER WAS KAISER-FRANCIS
48 PREVIOUS OWNER WAS W.P. CARR
49 PREVIOUS OWNER WAS W.P. CARR
50 PREVIOUS OWNER WAS COTTON PETROLEUM
51 PREVIOUS OWNER WAS REESE EXPLORATION
52 PREVIOUS OWNER WAS L & B OIL
53 PREVIOUS OWNER WAS FRANZ AUBRY
54 PREVIOUS OWNER WAS HERBERT DEPPE
55 PREVIOUS OWNER WAS REESE EXPLOR
56 PREVIOUS OWNER WAS RICHARD VON FELDT
57 PREVIOUS OWNER WAS BMG INC
58 PREVIOUS OWNER WAS BMG INC
59 PREVIOUS OWNER WAS COLLINS OIL CO.
60 PREVIOUS OWNER WAS BENSON EXPLOR & PROD
61 PREVIOUS OWNER WAS RAYGARY OIL
62 PREVIOUS OWNER WAS A.H. ACCOCK
63 PREVIOUS OWNER WAS WALT LACEY
64 PREVIOUS OWNER WAS MOCO OIL
65 PREVIOUS OWNER WAS T & G OIL OC.
66 PREVIOUS OWNER WAS KEWANEE OIL COMPANY
67 PREVIOUS OWNER WAS KAISER-FRANCIS
68 PREVIOUS OWNER WAS PHILLIPS PETROLEUM
69 PREVIOUS OWNER WAS KAISER FRANCIS
70 PREVIOUS OWNER WAS KAISER FRANCIS
71 PREVIOUS OWNER WAS KEWANEE OIL
72 PREVIOUS OWNER WAS KAISER FRANCIS

NOTES

73 PREVIOUS OWNER WAS KAISER FRANCIS
74 PREVIOUS OWNER WAS KAISER FRANCIS
75 PREVIOUS OWNER WAS KAISER FRANCIS
76 PREVIOUS OWNER WAS KAISER FRANCIS
77 PREVIOUS OWNER WAS SOUTHERN STATES OIL
78 PREVIOUS OWNER WAS T.J. ENTERPRISE
79 PREVIOUS OWNER WAS SAMSON RESOURCES
80 PREVIOUS OWNER WAS DUKE DRILLING CO.
81 PREVIOUS OWNER WAS KEWANEE OIL COMPANY
82 PREVIOUS OWNER WAS SHENANDOAH OIL CORP
83 PREVIOUS OWNER WAS KEWANEE OIL COMPANY
84 PREVIOUS OWNER WAS KEWANEE OIL COMPANY
85 PREVIOUS OWNER WAS KAISER FRANCIS
86 PREVIOUS OWNER WAS KAISER FRANCIS
87 PREVIOUS OWNER WAS TEICHMAN
88 PREVIOUS OWNER WAS KAISER FRANCIS
89 PREVIOUS OWNER WAS KAISER FRANCIS
90 PREVIOUS OWNER WAS SHENANDOAH OIL CORP
91 PREVIOUS OWNER WAS MATTIX LEASE
92 PREVIOUS OWNER WAS JIM BULLOCK
93 PREVIOUS OWNER WAS KEWANEE OIL COMPANY

TABLE 2 1978 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- TION	WELLS INJEC- TION	NUMBER OF PROJECTS
ALLEN	271	201	3981	602	332	29
ALLEN-ANDERSON	4	4	38	30	12	1
ALLEN-BOURBON	1	0	0	14	0	1
ALLEN-NEOSHO	7	7	205	65	13	1
ANDERSON	186	158	1797	297	132	15
BARBER	220	161	5012	78	33	15
BARTON	513	353	16532	285	116	87
BARTON-RICE	37	37	499	9	7	1
BARTON-STAFFORD	15	2	202	10	3	2
BOURBON	40	33	1076	102	60	6
BUTLER	912	619	35473	627	328	99
BUTLER-COWLEY	15	15	242	11	4	2
BUTLER-MARION	2	1	6	3	2	1
CHASE	19	0	471	3	2	1
CHASE-LYON	12	4	40	10	2	1
CHAUTAUQUA	267	145	2422	577	143	53
CHAUTAUQUA-COWLEY	13	0	99	4	2	1
CHEYENNE	15	0	15	5	1	1
CLARK	22	0	362	5	1	1
COFFEY	103	27	425	98	43	15
COFFEY-WOODSON	8	8	44	20	8	1
COMANCHE	7	7	36	2	2	1
COWLEY	498	230	10024	355	130	64
CRAWFORD	20	6	301	153	123	8
DECATUR	237	196	3524	70	32	13
DICKINSON	5	0	15	9	1	1
DOUGLAS	3	3	15	17	14	2
DOUGLAS-FRANKLIN	14	14	472	31	31	1
EDWARDS	2	2	5	1	1	1
ELK	61	17	3274	90	44	16
ELLIS	599	293	8814	259	79	63
ELLIS-ROOKS	51	51	1603	21	10	1
ELLSWORTH	187	32	1096	79	18	11
FINNEY	525	24	1622	92	11	4

TABLE 2 1978 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- TION	WELLS INJEC- TION	NUMBER OF PROJECTS
FRANKLIN	111	18	513	171	58	13
GOVE	45	19	419	16	9	8
GRAHAM	693	524	11476	262	108	45
GRAHAM-ROOKS	26	7	170	9	3	1
GRAHAM-SHERIDAN	19	19	104	4	1	1
GRAHAM-TREGO	7	7	470	7	2	1
GREENWOOD	1494	309	14026	647	223	111
HARPER	36	0	229	7	4	1
HARVEY	166	84	7568	79	11	6
HARVEY-MC PHERSON	29	0	0	12	0	2
HASKELL	5	0	0	3	1	1
HODGEMAN	159	50	2587	36	15	12
JOHNSON	14	4	64	36	7	3
KEARNY	13	0	6	2	1	1
KINGMAN	210	69	2512	41	22	9
KINGMAN-SEDGWICK	10	0	0	9	0	1
KIOWA	21	0	55	12	1	2
KINGMAN-PRATT	17	17	884	12	5	1
LABETTE	6	0	108	29	7	4
LABETTE-MONTGOMERY	0	0	0	9	11	1
LANE	263	1	69	17	3	3
LINN	21	9	1527	139	94	7
LINN-MIAMI	2	0	56	16	10	1
LYON	20	0	67	18	6	5
MARION	13	2	529	14	3	3
MC PHERSON	298	145	13896	243	84	56
MEADE	49	49	773	10	10	2
MIAMI	78	6	385	272	54	15
MONTGOMERY	456	105	2375	500	214	41
MORRIS	3788	0	896	3	3	2
MCRTON	914	1205	11220	50	28	7
NEOSHO	97	26	1880	374	200	23
NESS	208	43	2074	59	17	17
NCRTON	6	1	2	5	0	2

TABLE 2 1978 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 WELLS PRODUC- TION	WELLS INJEC- TION	NUMBER OF PROJECTS
OSBORNE	0	0	50	6	1	1
PAWNEE	72	32	993	24	15	11
PHILLIPS	580	476	5457	195	94	24
PRATT	153	115	5013	67	33	15
RAWLINS	223	174	3841	70	44	11
RENO	251	123	9351	76	32	16
RENO-RICE	5	4	51	7	2	1
RICE	433	212	7296	262	96	54
ROOKS	2212	511	17300	346	146	59
RUSH	21	8	235	13	5	4
RLSSELL	2028	1291	38815	878	349	157
SALINE	2460	16	1697	35	7	8
SCOTT	33	1	372	7	2	2
SEDGWICK	220	209	6000	68	40	14
SEWARD	55	52	553	4	4	2
SEWARD-STEVEENS	60	60	1276	4	3	1
SHERIDAN	132	127	1906	29	16	9
STAFFORD	506	357	8386	235	128	71
SUMNER	581	292	10578	121	50	30
TREGO	231	86	2416	80	21	17
WABAUNSEE	3	3	229	2	1	1
WILSON	42	27	1481	186	127	16
WOODSON	374	212	5910	645	166	63

*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 3 1978 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
24860	9757	305888	10517	4337	1515

*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 Abandoned or Inactive in 1978

<u>Project Number</u>	<u>Field</u>	<u>Operator</u>	<u>Status</u>	
<u>ALLEN COUNTY</u>				
CR	8781	Seibert	Russell Petr. Inc.	Inactive- Developing
<u>ANDERSON COUNTY</u>				
C	581	Selma	Mack C. Colt, Inc.	Inactive
C	10327	Colony West	Russell Petr., Inc.	Inactive
<u>BARBER COUNTY</u>				
C	17372	Rhodes	Gulf Oil	Abandoned
C	18522	Blue Hill	Okmar Oil	Inactive
<u>BARTON COUNTY</u>				
C	4418	Prairie View	Texaco	Inactive
C	10802	Klepper	Crude Producers	Inactive
C	14846	Cheyenne View NW	Nadel and Gussman	Abandoned
C	18666	Nuss South	Citgo	Abandoned
<u>BOURBON COUNTY</u>				
C	5545	Bronson-Xenia	Kanalta Resources	Abandoned
<u>BUTLER COUNTY</u>				
C	1319	Seward	W. R. Gross	Inactive
C	2903	Fox-Bush-Couch	James H. Webster	Abandoned
C	3805	ElDorado	Musgrove Prod.	Abandoned
C	4036	ElDorado	Stelbar Oil	Inactive
C	6672	ElDorado	R. R. Abderhalden	Abandoned
C	7084	ElDorado	R. R. Abderhalden	Inactive
C	7926	Combs NE	Gulf Oil	Abandoned
CR	9785	ElDorado	White and Ellis	Inactive
C	17238	ElDorado	Stelbar Oil	Inactive
<u>CHAUTAUQUA COUNTY</u>				
C	6086	Elgin NW	Gulf Oil	Abandoned
C	18612	Holroyd	Southern States Oil	Abandoned
<u>COFFEY COUNTY</u>				
C	15677	Crandall	Reed Oil Co.	Inactive
C	17368	Virgil	French & Winterscheid	
<u>COWLEY COUNTY</u>				
CR	7787	Murphy	McNeish Oil	Abandoned

<u>Project Number</u>	<u>Field</u>	<u>Operator</u>	<u>Status</u>
<u>CRAWFORD COUNTY</u>			
C 12248	Walnut SE	Jackson Oil	Abandoned
C 12775	Brodbeck	L & L Oil	Inactive
<u>DICKINSON COUNTY</u>			
C 15080	Lost Springs	Frank Jones Oil	Inactive
<u>ELLIS COUNTY</u>			
C 9849	Toulon SW	Okmar Oil	Inactive
C 13599	Leiker East	Gulf Oil	Inactive
C 14253	Gatschet	Cecil M. Keller	Abandoned
C 14553	Schoenchan	Okmar Oil	Inactive
C 15955	Ruder	Gene Brown	Inactive
<u>FINNEY COUNTY</u>			
C 18492	Stewart	Beren Corp.	Inactive
<u>GRAHAM COUNTY</u>			
C 9536	Law SE	B-J Oil Co.	Temp.-Inactive
<u>GREENWOOD COUNTY</u>			
C 2008	Madison	Citgo	Inactive
C 5200	Frankhauser	George Barnard	Abandoned
C 7811	Virgil West	Houston-Okla. Oil	Inactive
C 8069	Virgil North	Houston-Okla. Oil	Inactive
C 9884	Virgil West	Houston-Okla. Oil	Inactive
C 10734	Thrall-Aagard	Maurice L. Brown Co.	Abandoned
C 13251	Virgil West	Houston-Okla. Oil	Inactive
C 15638	Frankhauser	George Barnard	Abandoned
C 16865	Thrall-Aagard	Glacier Petroleum	Inactive
<u>HASKELL COUNTY</u>			
C 4778	Bedell		Abandoned
<u>LINN COUNTY</u>			
C 454	LaCygne-Cadmus	J & J Oil	Abandoned
C 18703	Goodrich-Parker	Oaks Petroleum	Inactive
<u>McPHERSON COUNTY</u>			
C 6179	McPherson	Rierson-Johnson	Inactive
<u>MARION COUNTY</u>			
C 8119	Covert-Sellers	Hillenburg	Inactive
<u>MONTGOMERY COUNTY</u>			
C 10442	Wayside-Havana	Layton Oil	Inactive

<u>Project Number</u>	<u>Field</u>	<u>Operator</u>	<u>Status</u>
<u>NEOSHO COUNTY</u>			
C 14681	Humbolt-Chanute	Layton Oil	Inactive
C 16629	Thayer South	Wright-Erbe-Ross	Inactive
<u>PRATT COUNTY</u>			
C 9116	Iuka-Carmi	W. L. Kirkman	Inactive
C 11870	Iuka-Carmi	W. L. Kirkman	Inactive
C 15321	Haskins	Leben Oil	Abandoned
<u>ROOKS COUNTY</u>			
C 5776	Nyra	Okmar Oil	Inactive
C 6557	Zurich	Murfin	Abandoned
C 9412	Trico	B-J Oil Co.	Inactive
C 14469	Lone Star	Okmar Oil	Inactive
<u>RUSSELL COUNTY</u>			
CR 8786	Fairport	Shields	Inactive
C 16068	Hall-Guerney	Citgo	Inactive
C 17612	Fairport	Sohio	Inactive
<u>SCOTT COUNTY</u>			
CR 10772	Brookover	Okmar Oil	Inactive
<u>SEWARD COUNTY</u>			
CR 10783	Kismet	A. L. Abercrombie	Inactive
<u>STAFFORD COUNTY</u>			
C 8551	Merle	Southern States Oil	Temp.-Abandoned
C 11123	Leesburg	Conoco	Inactive
C 13051	Oxford	Docking Dev.	Inactive
<u>TREGO COUNTY</u>			
C 10154	Graff	John Farmer	Abandoned
<u>WILSON COUNTY</u>			
C 10473	Benedict	Layton Oil	Inactive
C 11290	Benedict	Layton Oil	Inactive
C 12289	Neodesha	Rmex	Inactive
<u>WOODSON COUNTY</u>			
C 3345	Perry-Halligan	Layton Oil	Inactive
C 8990			
C 13109	Winterscheid	Houston-Okla. Oil	Inactive
C 13162	Winterscheid	Houston-Okla. Oil	Inactive

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