STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 8000
Name
Address
City/State/Zip
Denver, CO 80201

Diamond Shamrock (pending)

Purchaser:

Operator Contact Person: J.D. Keisling
Phone:

Contractor License #: 603
Name:

Wellsite Geologist: J.E. Houdymalla
Phone: (904) 825-8371

Designate Type of Completion

\( \checkmark \) New Well \( \checkmark \) Re-Entry \( \checkmark \) Workover

Oil
Gas
Dry

\( \checkmark \) SWD
\( \checkmark \) X Temp Abd
\( \checkmark \) Inj
\( \checkmark \) Delayed Comp.

Other (Core, Water Supply etc.):

IF OWNED: old well info as follows:

Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method:

\( \checkmark \) Hud Rotary \( \checkmark \) Air Rotary \( \checkmark \) Cable

\( \checkmark \) 11/30/86. \( \checkmark \) 12/7/86. \( \checkmark \) 12/12/86.

Spud Date
Date Reached TD
Completion Date

\( \checkmark \) 250'
\( \checkmark \) 280'

Total Depth

PBDT

Amount of Surface Pipe Set and Cemented at:

\( \checkmark \) 240 feet

Multiple Stage Cementing Collar Used

Yes

No

If yes, show depth set.

If alternate 2 completion, cement circulated from:

\( \checkmark \) 1206'

Date Turd

\( \checkmark \) 220'

Cement Company Name

Hallerburton

Invoice #

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:

Division of Water Resources Permit # 1264-1824

X Groundwater

\( \checkmark \) Water from Southeast Corner

(Well)

\( \checkmark \) Water from Southeast Corner

Sec 20

\( \checkmark \) 68

\( \checkmark \) Rg 22

\( \checkmark \) East

\( \checkmark \) X West

Surface Water

\( \checkmark \) From Southeast Corner

(Shore, pond etc.)

\( \checkmark \) West from Southeast Corner

Sec

\( \checkmark \) 20

\( \checkmark \) Rg

\( \checkmark \) 64

\( \checkmark \) East

\( \checkmark \) West

Other (explain)

(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. 

One copy of all wireline logs and drillers time log shall be attached with this form. Submit OP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are correct and to the best of my knowledge.

Signature

Title

Date Commission Expires

K.C.C. OFFICE USE ONLY

\( \checkmark \) Letter of Confidentiality Attached

\( \checkmark \) Wireline Log Received

\( \checkmark \) Driller's Timelog Received

\( \checkmark \) KCC

\( \checkmark \) SWD

\( \checkmark \) NGPA

\( \checkmark \) Other

\( \checkmark \) Specified

Form ACO-1 (5-86)
WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken [X] Yes [ ] No
Samples Sent to Geological Survey [X] Yes [ ] No
Cores Taken [X] Yes [ ] No

DST #1: 3810-3774' Lansing/KC "I" and "J"
15/45/30/30 Rec: 5 ft drlg mud w/oil specks
INP: 1930, IPP: 33-35, ISIP: 674, FFP: 33-33,
PSIP: 175, FHP: 1922

DST #2: 3810-3838' Lansing/KC "K" and "L"
15/45/30/30, Rec: 3 ft drlg mud, INP: 1963,
IPP: 25-25, ISIP: 582, FFP: 25-25, PSIP: 158,
FHP: 1941

Formulation Description

Name | Top | Bottom
--- | --- | ---
Stone Corral Anhydrite | 2045 | (+353)
Topeka | 3408 | (-1010)
Heebner | 3607 | (-1209)
Toronto | 3634 | (-1236)
Lansing/KC | 3649 | (-1251)
Conglomerate | 3906 | (-1508)

RELEASED

2-11-87

FROM CONFIDENTIAL

CASING RECORD [ ] New [ ] Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String | Size Hole | Size Casing Set | Weight Lbs/ft. | Setting Depth | Type of Cement | # Sacks Used | Percent Additives
--- | --- | --- | --- | --- | --- | --- | ---
Surface | 12" | 8-5/8" | 24 | 302 | CI A | 205 sx | 30/40 PZ 2/10% gel 2/10% Accl
Production | Set 7-7/8" | 4% | 10.5 | 3959 | Lite | 270 sx | W/3% AC 1-1/8 sx

PERFORATION RECORD

Shots Per Foot | Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth
--- | --- | --- | ---
1,986-9,004 | 2300 gal | 22% HC | 3798-3804'

TUBING RECORD | Size | Set At | Packer at | Liner Run [ ] Yes [ ] No
--- | --- | --- | --- | ---

Date of First Production 12/15/86

Producing Method [ ] Flowing [ ] Pumping [ ] Gas Lift [ ] Other (explain) AQUIFUG.

Estimated Production Per 24 Hours

<table>
<thead>
<tr>
<th>Oil</th>
<th>Gas</th>
<th>Water</th>
<th>Gas-Oil Ratio</th>
<th>Gravity</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 Bbls</td>
<td>TSTM</td>
<td>HCF</td>
<td>Bbls</td>
<td>TSTM</td>
</tr>
</tbody>
</table>

METHOD OF COMPLETION

Production Interval 3798-3804'

Disposition of gas: [X] Vented [ ] Sold [ ] Used on Lease [ ] Open Hole [X] Perforation [ ] Other (Specify) Dually Completed

Production Test 3798-3804'