

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 #
name Tenneco Oil Company
address 3000 United Founders Blvd.
Suite 139
City/State/Zip Oklahoma, City, OK 73112

Operator Contact Person Lee Mullican
Phone (405) 848-8551

Contractor: license # 5107
name H-30, Inc.

Wellsite Geologist
Phone
PURCHASER Mobil Oil Company

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd Delayed Comp.
 Gas Inj Other (Core, Water Supply etc.)
 Dry

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
9-5-84 9-11-84 9-12-84
Spud Date Date Reached TD Completion Date

3305' 3260'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 427 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

API NO. 15 - 169-20,258 -00-00
County Saline
SW/4 (location) Sec 5 Twp 15 Rge 2 East West
1700 Ft North from Southeast Corner of Section
3880 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

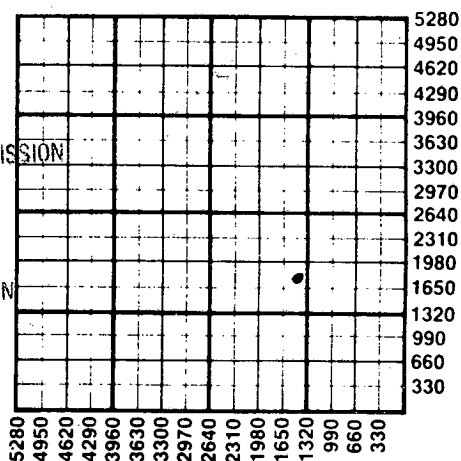
Lease Name Woodhouse Well# 1-5

Field Name Salina

Producing Formation Maquaketa Dolomite

Elevation: Ground 1242' KB 1247'

Section Plat



RECEIVED
OCT 12 1984
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #
 Groundwater Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge East West
 Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge East West
 Other (explain)
(purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring
Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 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 CP-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 complete and correct to the best of my knowledge.

Signature [Signature] Title Inspector Analyst II Date Oct. 10, 1984

Subscribed and sworn to before me this 10th day of October 1984

Notary Public [Signature] Date Commission Expires 5-7-85

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Sec 5 Twp 15 Rge 2

Operator Name Tenneco Oil Company Lease Name Woodhouse Well# 1-5 SEC 5 TWP. 15S RGE. 2 East West

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 Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

| Name | Top | Bottom |
|--------------------|-------|--------|
| Sand | 0' | 100' |
| Shale & lime | 100' | 430' |
| Shale | 430' | 1285' |
| Lime & shale | 1285' | 1785' |
| Shale & lime | 1785' | 2040' |
| Lime & shale | 2040' | 2337' |
| Shale & lime | 2337' | 2455' |
| Lime & shale | 2455' | 2960' |
| Lime | 2960' | 3185' |
| Shale & lime | 3185' | 3250' |
| Lime & shale | 3250' | 3305' |
| Rotary total depth | 3305' | |

| CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> used | | | | | | | |
|---|--|---------------------------|----------------|--|----------------|--------------|----------------------------|
| Report all strings set - conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of string | size hole drilled | size casing set (in O.D.) | weight lbs/ft. | setting depth | type of cement | # sacks used | type and percent additives |
| SURFACE | 12-1/4" | 8-5/8" | 24# | 427' | Class A | 280 | 3% cc |
| PRODUCTION | 7-7/8" | 5-1/2" | 15.5# | 3298' | 50/50 poz | 375 | 15% salt, .1/2% CFB |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| shots per foot | specify footage of each interval perforated | | | (amount and kind of material used) | | | Depth |
| 4 | 3218-3228 | | | 1000 gal. HCL; 20 BBLs 2% KCL; 13,000 gal. WF 230 + 12,000# 20/40 + 8000 12/20 Sd. | | | 3218' |
| TUBING RECORD | | | | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | |
| size 2-7/8" set at 3200' | | packer at -- | | | | | |
| Date of First Production | Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain) | | | | | | |
| 10-3-84 | | | | | | | |
| Estimated Production Per 24 Hours | Oil | Gas | Water | Gas-Oil Ratio | Gravity | | |
| 68 Bbls | | Trace MCF | 242 Bbls | | 34.6 | | |

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION
 open hole perforation other (specify) Cased

Dually Completed. Commingled

PRODUCTION INTERVAL

Operator Name Tenneco Oil Company Lease Name Woodhouse Well# 1-5 SEC 5 TWP. 15S RGE. 2 East West

WELL LOG

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| Lime & shale | 2455' | 2960' |
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| Shale & lime | 3185' | 3250' |
| Lime & shale | 3250' | 3305' |
| Rotary total depth | 3305' | |

DST#1 - 3210-3250 Received 20' oil 120' oil cut mud

| CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> used | | | | | | | |
|---|-------------------|---------------------------|----------------|---------------|----------------|--------------|----------------------------|
| Report all strings set - conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of string | size hole drilled | size casing set (in O.D.) | weight lbs/ft. | setting depth | type of cement | # sacks used | type and percent additives |
| SURFACE | 12-1/4" | 8-5/8" | 24# | 427' | Class A | 280 | 3% cc |
| PRODUCTION | 7-7/8" | 5-1/2" | 15.5# | 3298' | 50/50 poz | 375 | 15% salt, 1/2 CFP |

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|--------------------|---|---|-------|
| shots per foot | specify footage of each interval perforated | (amount and kind of material used) | Depth |
| 4 | 3218-3228 | 1000 gal. HCL; 20 BBLs. 2% KCL; 13,000 gal. WF-230 + 12,000#-20/40 + 8000 12/20 Sd. | 3218' |

| TUBING RECORD | | | |
|---------------|--------|-----------|---|
| size | set at | packer at | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 2-7/8" | 3200' | -- | |

| Date of First Production | Producing method | | | |
|--------------------------|----------------------------------|---|-----------------------------------|--|
| 10-3-84 | <input type="checkbox"/> flowing | <input checked="" type="checkbox"/> pumping | <input type="checkbox"/> gas lift | <input type="checkbox"/> Other (explain) |

| Estimated Production Per 24 Hours | Oil | Gas | Water | Gas-Oil Ratio | Gravity |
|-----------------------------------|---------|-----------|----------|---------------|---------|
| | 68 Bbls | Trace MCF | 242 Bbls | | 34.6 |

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify) Cased
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 OCT 19 1984
 CONSERVATION DIVISION
 Wichita, Kansas