

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 # 5614
Name Hutchinson Oil Co.
Address 105 S. Broadway, Suite 470
City/State/Zip Wichita, Ks. 67202

Purchaser None

Operator Contact Person Steve Hutchinson
Phone 316 262 1525

Contractor: License # 5883
Name Warrior Drilling Co.

Wellsite Geologist Dan Reynolds
Phone 316 681 1204

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
5-02-87 5-10-87 5-10-87
Spud Date Date Reached TD Completion Date
4623
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 353 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
Cement Company Name
Invoice #

API NO. 15-101-21,380-0000
County Lane
SE NW NW Sec 8 Twp 18S Rge 30 X West

4290 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

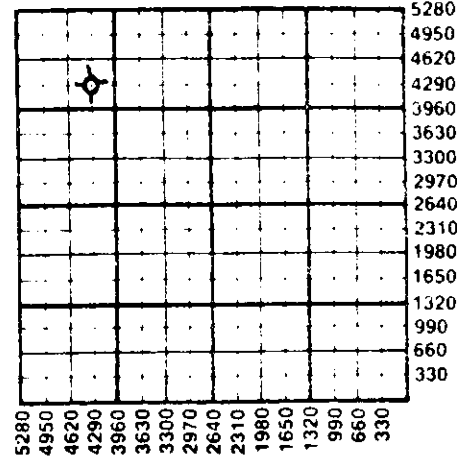
Lease Name Ware Well # 1-8

Field Name Wildcat

Producing Formation D & A

Elevation: Ground 2895' KB 2902'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner
Sec Twp Rge East West

Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain) Purchased from landowner
(purchased from city, R.W.D. #)
NW/4 Sec. 5-18S-30W

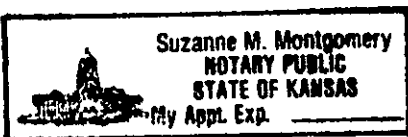
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 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 William S. Anderson
Title Owner Date 5/28/87

Subscribed and sworn to before me this 28 day of MAY 19 87
Notary Public Suzanne M. Montgomery
Date Commission Expires 9-15-89

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)
RECEIVED



MAY 29 1987
5-29-87 Form ACO-1 (5-86)
CONSERVATION DIVISION
Wichita, Kansas

Sec. 8, Twp 18, Rge 30W

SIDE TWO

Operator Name Hutchinson Oil Co. Lease Name Ware Well # 1-8

Sec. 8 Twp. 18S Rge. 30 East West County Lane

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

DST #1 3975-4020' 30-30-30-30 Rec. 30' mud w/ show of oil in top ISIP 939 FSIP 849 IFP 44-44 FFP 44-44 HYP 1985-1893 BHT 131

DST #2 4338-4392' 45-45-45-60 Rec. 690' water w/skim of oil on top ISIP 1110 FSIP 330 IFP 89-142 FFP 178-223 HYP 2169-2132 BHT 139

DST #3 4463-4566' 30-30-60-60 Rec. 360' GIP 30' OCM; 61% oil, 34% water 5% mud; 30' OCM, 17% oil 78% water 5% mud and 500' wtr. HYP 2188-2160 BHT 141

| | | |
|---------|------|------|
| Anhy | 2211 | 2267 |
| Heebner | 3911 | |
| Lansing | 3949 | |
| Stark | 4229 | |
| BKC | 4316 | |
| Ft. Sc. | 4489 | |
| Miss. | 4579 | |
| LTD | 4625 | |

| | | | | | | | |
|--|---|--|----------------|--|----------------|-------------|----------------------------|
| 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 1/2" | 8-5/8ths | 20# | 353' | 60/40 poz mix | 200 | 3% c/c 2% gel |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | (Amount and Kind of Material Used) | | Depth | |
| | | | | | | | |
| TUBING RECORD | | | | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| Date of First Production D & A | | Producing Method <input type="checkbox"/> Flowing <input 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 | | |
| | Bbls | MCF | Bbls | CFPB | | | |

METHOD OF COMPLETION

Production Interval

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

DRILLERS LOG

May 10, 1987

Ware #1-8
SE NW NW Sec. 8-18S-30W
Lane County, Kansas

OPERATOR: Hutchinson Oil Co.
CONTRACTOR: Warrior Drilling Co.
COMMENCED: May 2, 1987
COMPLETED: May 10, 1987

8 5/8" @ 353' w/200 sks.

| | | |
|------|------|--------------|
| 0 | 45 | Surface Clay |
| 45 | 335 | Sand & Clay |
| 335 | 1456 | Shale & Clay |
| 1456 | 2252 | Shale |
| 2252 | 2273 | Anhydrite |
| 2273 | 2540 | Shale |
| 2540 | 3163 | Lime & Shale |
| 3163 | 3787 | Shale & Lime |
| 3787 | 4623 | Lime |
| | 4623 | RTD |

MAY 29 1987
5-29-87
CONSERVATION DIVISION
Wichita, Kansas

D&A

We certify that the above and foregoing is a true and correct copy of the log on the Ware #1-8 located in Lane County, Kansas.

WARRIOR DRILLING, CO.

F.W. Shelton, Jr.

F.W. Shelton, Jr.,

Subscribed and sworn to before me this 11th day of May, 1987.

MARTHA E. GUSTIN
NOTARY PUBLIC
STATE OF KANSAS
MY APPL. EXPIRES 11-15-2009

Martha E. Gustin

Martha E. Gustin, Notary Public