

ORIGINAL COPY  
SIDE ONE

CONFIDENTIAL

RELEASED  
MAY 2 4 1991

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

API NO. 15- 057-20,484

County Ford FROM CONFIDENTIAL

C SW Sec. 1 Twp. 25 Rge. 21W X East West

1320 Ft. North from Southeast Corner of Section

3960 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

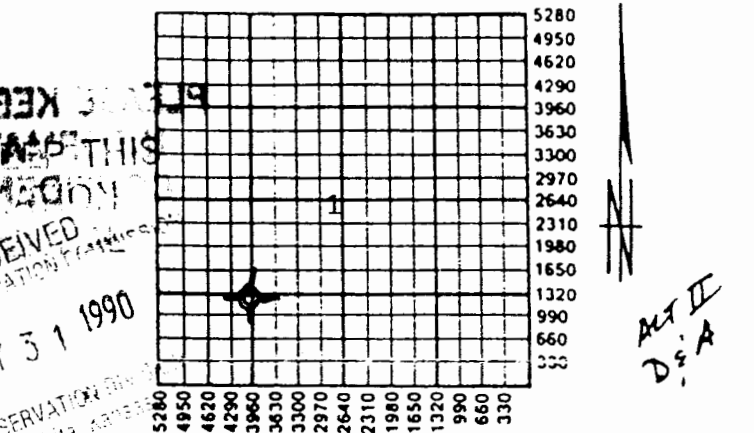
Lease Name W. Stegman Well # 1

Field Name wildcat

Producing Formation n/a

Elevation: Ground 2289' KB 2294'

Total Depth 4736' PBTD n/a



Amount of Surface Pipe Set and Cemented at 220 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set                      Feet

If Alternate II completion, cement circulated from                       
feet depth to                      w/                      SX CMT.

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address 125 N. Market

Suite 1000

City/State/Zip Wichita, KS 67202

Purchaser: n/a

Operator Contact Person: Rocky Milford

Phone (316) 267-4375

Contractor: Name: Red Tiger Drilling

License: 5302

Wellsite Geologist: Jeff Christian

Designate Type of Completion

X New Well        Re-Entry        Workover

       Oil        SWD        Temp. Abd.

       Gas        Inj        Delayed Comp.

X Dry        Other (Core, Water Supply, etc.)

If OWM: old well info as follows:

Operator:                     

Well Name:                     

Comp. Date                      Old Total Depth                     

Drilling Method:

X Mud Rotary        Air Rotary        Cable

4-11-90 4-23-90 4-24-90

Spud Date Date Reached TD Completion Date

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 President Date 5/11/90

Scribed and sworn to before me this 11th day of May, 1990.

Notary Public Linda K. Rice

Date Commission Expires 6-7-92

LINDA K. RICE  
NOTARY PUBLIC  
STATE OF KANSAS

K.C.C. OFFICE USE ONLY  
F X Letter of Confidentiality Attached  
C        Wireline Log Received  
C        Drillers Timelog Received

Distribution  
X KCC        SWD/Rep        NGPA  
X KGS        Plug        Other (Specify) IS

ORIGINAL

COPY SIDE TWO

JAN 1990

Operator Name Ritchie Exploration, Inc. Lease Name W. Stegman Well # 1  
☐ East County Ford  
 Sec. 1 Twp. 25 Rge. 21W ☒ West

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.

RELEASED

Drill Stem Tests Taken ☒ Yes ☐ No  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey ☒ Yes ☐ No  
 Cores Taken ☐ Yes ☒ No  
 Electric Log Run ☐ Yes ☒ No  
 (Submit Copy.)

(See attached page).

Formation Description  
 MAY 2 4 1991  
☐ Log ☒ Sample  
 FROM CONFIDENTIAL  
 Name Top Bottom

(See attached page).

PLEASE KEEP THIS  
 INFORMATION  
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CASING RECORD

☒ New ☐ 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                     | 23#             | 220'          | 60/40 poz      | 125          | 2%gel, 3%cc                |
|                   |                   |                           |                 |               |                |              |                            |
|                   |                   |                           |                 |               |                |              |                            |

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record

(Amount and Kind of Material Used) Depth

|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
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TUBING RECORD

Size

Set At

Packer At

Liner Run

☐ Yes ☐ No

|                                   |                                                                                                                                                               |         |             |               |         |  |  |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------|---------------|---------|--|--|
| Date of First Production          | 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 Bbls.                                                                                                                                                     | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |  |  |

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease  
 (If vented, submit ACO-18.)

☐ Open Hole ☐ Perforation ☐ Dually Completed ☐ Commingled  
☐ Other (Specify) \_\_\_\_\_

COPY

1-25-21W

ORIGINAL

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MAY 24 1991

FROM CONFIDENTIAL

Ritchie Exploration, Inc.

#4767

#1 W. Stegman

C SW

Section 1-25S-21W

Ford County, KS

ACO-1

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DRILL STEM TESTS

DST #1 from 4134' to 4160' (Lansing "B" zone). Recovered 40' of mud and 420' of water.

IFP:45-168#/45"; ISIP:1195#/45";

FFP:202-247#/45"; FSIP:1184#/45".

DST #2 from 4250' to 4276' (L/KC "II" zone).

Recovered 1,080' of muddy water.

IFP:225-500#/15"; ISIP:1406#/30";

FFP:606-751#/15"; FSIP:1384#/30".

DST #3 from 4627' to 4688' (Ft. Scott and Cherokee). Recovered 90' of slightly oil cut mud (22% gas, 8% oil, 70% mud).

IFP:67-90#/30"; ISIP:840#/30";

FFP:90-112#/30"; FSIP:202#/30".

DST #4 from 4688' to 4730' (Miss. Osage).

Recovered 5' of mud, no show of oil.

IFP:56-56#/30"; ISIP:90#/30";

FFP:56-56#/30"; FSIP:78#/30".

DST #5 from 4729' to 4736' (Miss. Osage). Recovered 110' of muddy water, scum of oil.

IFP:67-67#/45"; ISIP:1583#/45";

FFP:78-78#/45"; FSIP:1594#/45".

SAMPLE TOPS

|             |               |
|-------------|---------------|
| Anhydrite   | 1409' (+ 885) |
| B/Anhydrite | 1419' (+ 875) |
| Heebner     | 3999' (-1705) |
| Lansing     | 4113' (-1819) |
| Stark Sh.   | 4355' (-2061) |
| B/KC        | 4457' (-2163) |
| Marmaton    | 4482' (-2188) |
| Pawnee      | 4565' (-2271) |
| Cherokee    | 4663' (-2369) |
| Miss. Lm.   | 4710' (-2416) |
| Miss. Osage | 4725' (-2431) |
| RTD         | 4736' (-2442) |

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STATE CORPORATION COMMISSION  
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CONSERVATION  
DIVISION