

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 # 4767  
Name Ritchie Exploration, Inc.  
Address 125 N. Market, Suite 1000  
Wichita, KS 67202  
City/State/Zip

Purchaser N/A

Operator Contact Person Rocky Milford  
Phone 316-267-4375

Contractor: License # 6033  
Name Murfin Drilling Company

Wellsite Geologist Rocky Milford  
Phone 316-267-4375

## Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover  
  
☐ Oil ☐ SWD ☐ Temp Abd  
☐ Gas ☐ Inj ☐ Delayed Comp.  
☒ Dry ☐ Other (Core, Water Supply etc.)  
If OWWO: old well info as follows:

Operator  
Well Name  
Comp. Date Old Total Depth

## WELL HISTORY

## Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable  
1-31-87 2-6-87 2/07/87  
Spud Date Date Reached TD Completion Date  
4651' N/A  
Total Depth PBDT  
8-5/8" @ 257'

Amount of Surface Pipe Set and Cemented at.....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 #

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 *Linda K. Rice*

Title President Date 2/20/87

Subscribed and sworn to before me this 20th day of February, 1987.

Notary Public *Linda K. Rice*

Date Commission Expires 6/07/88



API NO. 15-101-21,357-0000

County Lane

SE SE SE Sec. 26 Twp. 17S Rge. 28 East  
..... West

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

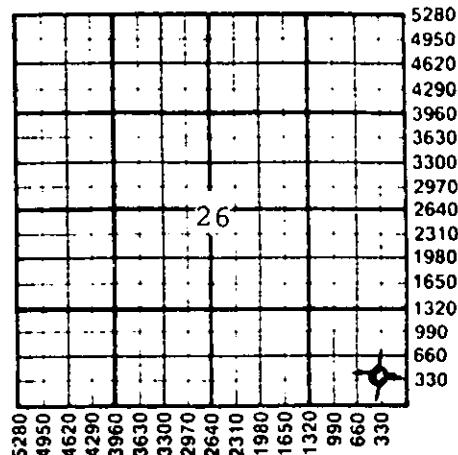
Lease Name Ken Hartman Well #.....]

Field Name

Producing Formation N/A

Elevation: Ground 2715' KB 2720'

## Section Plat



## WATER SUPPLY INFORMATION

Disposition of Produced Water: ☐ Disposal  
Docket # N/A ☐ Repressuring

## Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water: Hauled.

Division of Water Resources Permit #.....

Groundwater.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of  
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 city, R.W.D. #)

## 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)

STATE CORPORATION COMMISSION

FEB 24 1987

Form ACO-1 (5-86)

CONSERVATION DIVISION

Wichita, Kansas

2-24-87

Sec 26, Twp. 17S, Rge. 28E

Operator Name Ritchie Exploration, Inc. Lease Name Ken Hartman Well # .....Sec. 26 Twp. 17S Rge. 28 ☐ 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

DST #1 from 4404' to 4510' (Pawnee thru Ft. Scott). Recovered 15' of mud, no show of oil.  
IFP: 70-70#/30"; ISIP: 116#/30";  
FFP: 70-70#/30"; FSIP: 105#/30".

| Name           | Top   | Bottom   |
|----------------|-------|----------|
| Anhydrite      | 2100' | (+ 620)  |
| B/Anhydrite    | 2130' | (+ 590)  |
| Topeka         | 3629' | (- 909)  |
| Heebner        | 3926' | (- 1206) |
| Toronto        | 3944' | (- 1224) |
| Lansing        | 3963' | (- 1243) |
| Stark Shale    | 4226' | (- 1506) |
| B/KC           | 4297' | (- 1577) |
| Marmaton       | 4320' | (- 1600) |
| Pawnee         | 4408' | (- 1688) |
| Myrick Station | 4439' | (- 1719) |
| Ft. Scott      | 4471' | (- 1751) |
| Cherokee       | 4493' | (- 1773) |
| Miss. dolomite | 4561' | (- 1841) |
| LTD            | 4648' | (- 1928) |

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"                    | 24#            | 257'          | 60-40 Poz      | 175         | 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

|       |       |       |       |
|-------|-------|-------|-------|
| ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... |
| ..... | ..... | ..... | ..... |

## TUBING RECORD

Size

Set At

Packer at

Liner Run ☐ Yes ☐ No

Date of First Production

Producing Method

☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....

| Estimated Production Per 24 Hours | Oil Bbls | Gas MCF | Water Bbls | Gas-Oil Ratio | Gravity |
|-----------------------------------|----------|---------|------------|---------------|---------|
| .....                             | .....    | .....   | .....      | .....         | .....   |

## METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented  
☐ Sold  
☐ Used on Lease

☐ Open Hole ☐ Perforation  
☐ Other (Specify) .....

☐ Dually Completed  
☐ Commingled

