

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

API NO. 15- 101-21,571-00-00 APR 24 1992

County Lane  
50' S & 30' E of  
W/2 SE SE Sec. 26 Twp. 19S Rge. 28W X West

CONFIDENTIAL

Operator: License # 4767  
Name: Ritchie Exploration, Inc.  
Address 125 N. Market, Suite 1000

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

Lease Name Gerald Riley Well # 1  
Field Name wildcat

RELEASED

City/State/Zip Wichita, KS 67202

Purchaser: N/A

Producing Formation n/a

Operator Contact Person: Rocky Milford  
Phone (316) 267-4375

Elevation: Ground 2741' KB 2746'  
Total Depth 4650' PBD n/a

Contractor: Name: White & Ellis Drilling, Inc.

License: 5420

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)

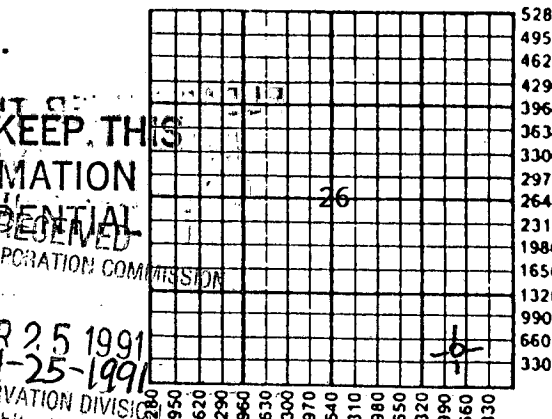
If OWO: old well info as follows:

Operator:  
Well Name:  
Comp. Date Old Total Depth

Drilling Method:

X Mud Rotary Air Rotary Cable

3/13/91 3/22/91 3/23/91  
Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 210' 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.

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 4/24/91

Subscribed and sworn to before me this 24th day of April 19 91.

Notary Public [Signature]  
Date Commission Expires 6/8/92

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)

P1

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name Gerald Riley Well # 1  
 Sec. 26 Twp. 19S Rge. 28W  East County Lane  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.

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  
 Log  Sample  
 Name \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_  
 (See attached page).

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

RELEASED  
 MAY 13 1993

FROM CONFIDENTIAL

CASING RECORD <input type="checkbox"/> New <input checked="" 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"	28#	210'	60/40 poz	135	2%gel, 3%CC
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			
Size	Set At	Packer At					
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:  
 Vented  Sold  Used on Lease  
 (If vented, submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perforation  Dually Completed  Commingled  
 Other (Specify) \_\_\_\_\_ Production Interval \_\_\_\_\_

CONFIDENTIAL

COPY

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

API NO. 15- 101-21,571-00-00

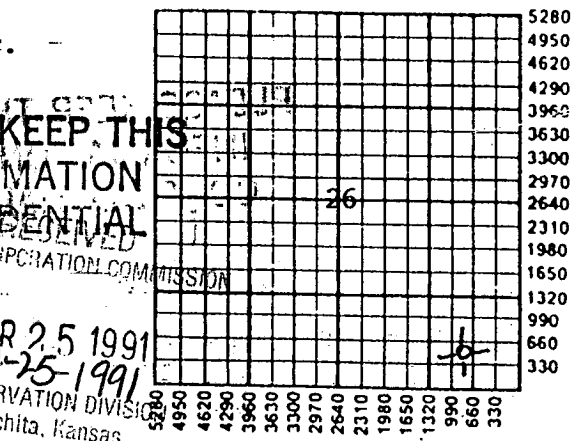
Operator: License # 4767  
Name: Ritchie Exploration, Inc.  
Address: 125 N. Market, Suite 1000  
City/State/Zip Wichita, KS 67202  
Purchaser: N/A  
Operator Contact Person: Rocky Milford  
Phone ( 316 ) 267-4375

County Lane Lane  
50' S & 30' E OF  
W/2 SE SE - Sec. 26 Twp. 19S Rge. 28W  East  
West  
610 Ft. North from Southeast Corner of Section  
960 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name Gerald Riley Well # 1  
Field Name wildcat  
Producing Formation n/a  
Elevation: Ground 2741' KB 2746'  
Total Depth 4650' PBDT n/a

Contractor: Name: White & Ellis Drilling, Inc.  
License: 5420

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



If OWO: old well info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
3/13/91 3/22/91 3/23/91  
Spud Date Date Reached TD Completion Date

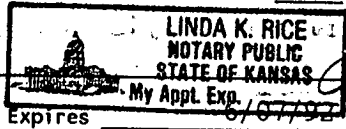
Amount of Surface Pipe Set and Cemented at 210' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

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 [Handwritten Signature]  
Title President Date 4/24/91  
Subscribed and sworn to before me this 24th day of April  
19 91.

Notary Public Linda K. Rice  
Date Commission Expires 6/07/92



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)

91

ORIGINAL

KCC

APR 24 1992

CONFIDENTIAL

Ritchie Exploration, Inc.  
#1 Gerald Riley  
50' S & 30' E of  
W/2 SE SE  
Section 26-19S-28W  
Lane County, Kansas  
License #4767  
API# 15-101-21,571-00-00

RELEASED

MAY 13 1993

FROM CONFIDENTIAL

PLEASE KEEP THIS  
INFORMATION  
CONFIDENTIAL

RECEIVED  
STATE CORPORATION COMMISSION

APR 25 1991

CONSERVATION DIVISION  
Wichita, Kansas

ACO-1 Form  
Page 2

DRILL STEM TESTS

DST #1 from 4196' to 4224' (L/KC "I" zone).  
Recovered 20' of mud with few specks of oil.  
IFP: 20-20#/30"; ISIP: 1100#/45";  
FFP: 20-20#/30"; FSIP: 1080#/45".

DST #2 from 4224' to 4237' (L/KC "J" zone).  
Recovered 130' of water, no show of oil.  
IFP: 20-41#/30"; ISIP: 1050#/45";  
FFP: 62-83#/30"; FSIP: 1050#/45".

DST #3 from 4262' to 4275' (L/KC "K" zone).  
Recovered 125' of water.  
IFP: 20-31#/45"; ISIP: 829#/45";  
FFP: 52-52#/45"; FSIP: 829#/45".

Drilling at 4495'.

DST #4 from 4513' to 4601' (Ft. Scott - Johnson zone). Recovered 870' of gas in pipe and 50' of gassy oil cut mud (10% gas, 25% oil, 60% mud, 5% water).  
IFP: 41-41#/45"; ISIP: 1220#/60";  
FFP: 52-52#/45"; FSIP: 1200#/60".

DST #5 4324' to 4374' (Pleasanton). Straddle test. Recovered 35' of mud, with slight show of oil on top.  
IFP: 20-20#/45"; ISIP: 1110#/45";  
FFP: 20-20#/45"; FSIP: 1110#/45".

ELECTRIC LOG TOPS

Anhydrite	2060' (+ 686)
B/Anhydrite	2087' (+ 659)
Heebner	3948' (-1202)
Lansing	3988' (-1242)
Stark	4262' (-1516)
B/KC	4336' (-1590)
Marmaton	4368' (-1622)
Pawnee	4470' (-1724)
Myrick Station	4500' (-1754)
Ft. Scott	4518' (-1772)
Cherokee	4539' (-1793)
Johnson zone	4579' (-1833)
Miss.	4608' (-1862)
LTD	4648' (-1902)



