

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 4767  
Name: Ritchie Exploration, Inc.  
Address: PO Box 783188  
City/State/Zip: Wichita, KS 67278-3188  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Rocky Milford  
Phone: (316) 691-9500  
Contractor: Name: L.D. Drilling, Inc.  
License: 6039  
Wellsite Geologist: Rocky Milford

Designate Type of Completion:  
☒ New Well ☐ Re-Entry ☐ Workover  
☐ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.  
☐ Gas ☐ ENHR ☐ SIGW  
☒ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr./SWD  
☐ Plug Back ☐ Plug Back Total Depth  
☐ Commingled ☐ Docket No. \_\_\_\_\_  
☐ Dual Completion ☐ Docket No. \_\_\_\_\_  
☐ Other (SWD or Enhr.?) ☐ Docket No. \_\_\_\_\_

1/6/03 1/13/03  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 109-20697  
County: Logan  
W/2NWNE Sec. 19 Twp. 11S S. R. 33 ☐ East ☒ West  
660 feet from S N (circle one) Line of Section  
2310 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

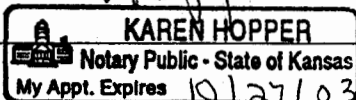
(circle one) NE SE NW SW  
Lease Name: Regan 19A Well #: 1  
Field Name: Wildcat  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 3152 Kelly Bushing: 3157  
Total Depth: 4730 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 279 Feet  
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan P+H<sup>4</sup> Eu 4.9.08  
(Data must be collected from the Reserve Pit)  
Chloride content 23000 ppm Fluid volume 1200 bbls  
Dewatering method used evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ East West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of 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 geologist well report 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.

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: Robert 2 Milford  
Title: Geologist Date: 1-31-2003  
Subscribed and sworn to before me this 31<sup>st</sup> day of January  
2003  
Notary Public: Karen Hopper  
Date Commission Expires: \_\_\_\_\_



KCC Office Use ONLY

☒ Letter of Confidentiality Attached  
If Denied, Yes ☐ Date: \_\_\_\_\_  
☒ Wireline Log Received  
☒ Geologist Report Received  
☐ UIC Distribution

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FROM  
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Side Two

COPY

Operator Name: Ritchie Exploration, Inc. Lease Name: Regan 19A Well #: 1  
 Sec. 19 Twp. 11S S. R. 33 East ☒ West County: Logan

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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)

List All E. Logs Run:

Log Formation (Top), Depth and Datum Sample  
 Name Top Datum  
 See attached

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 JAN 31 2003  
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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 Casing	12 1/4"	8 5/8"	23#	279'	Common	175	3%cc 2% gel

**ADDITIONAL CEMENTING / SQUEEZE RECORD**

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type 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, Resumed Production, SWD or Enhr.	Producing Method					
	Flowing Pumping Gas Lift 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, Sumit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled  
☐ Other (Specify) \_\_\_\_\_

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**#1 Regan 19A**  
W/2 NW NE  
Section 19-11S-33W  
Logan County, Kansas  
API# 15-109-20697  
L.D. Drilling, Inc.  
Field: Kim Shoemaker  
Office: Rocky Milford  
Elevation: 3152' GL: 3157' KB

Sample Tops			Ref	Ref
			Well A	Well B
Anhydrite	2622'	+535	flat	+4
B/Anhydrite	2649'	+508	-2	+3
Wabaunsee	3675'	-518	+2	flat
Topeka	3815'	-658	+1	-2
Heebner	4044'	-887	-1	-8
Toronto	4070'	-913	flat	-7
Lansing	4085'	-928	-1	-9
Muncie Creek	4228'	-1071	-4	-2
Stark	4311'	-1154	-4	-3
B/KC	4370'	-1213	-5	-3
Marmaton	4403'	-1246	-2	-3
Pawnee	4510'	-1353	-7	-8
Myrick Station	4547'	-1390	flat	-7
Fort Scott	4563'	-1406	+1	-5
Cherokee	4592'	-1435	-1	-5
Johnson	4637'	-1480	flat	-7
Mississippian	4715'	-1558	+3	-18
RTD	4730'	-1573		