

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

**KCC**

Phone: (316) 691-9500

Contractor: Name: L.D. Drilling, Inc.

**JAN 31 2003**

License: 6039

Wellsite Geologist: Rocky Milford

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Designate Type of Completion:

New Well    Re-Entry    Workover  
 Oil    SWD    SIOW    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  
 Cummiled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

1/6/03

1/13/03

Spud Date or  
Recompletion Date

Date Reached TD

Completion Date or  
Recompletion Date

**FEB 04 2003**

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**

(Data must be collected from the Reserve Pit)

*Regan 19A*

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.: \_\_\_\_\_

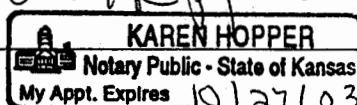
**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information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



**KCC Office Use ONLY**

Letter of Confidentiality Attached

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

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Side Two

**COPY**Operator Name: Ritchie Exploration, Inc.Lease Name: Regan 19AWell #: 1Sec. 19 Twp. 11S S. R. 33East  WestCounty: 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 (Attach Additional Sheets)	<input checked="" type="checkbox"/> Yes	No	Log	Formation (Top), Depth and Datum	Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes	No	Name	Top	Datum
Cores Taken	Yes	<input checked="" type="checkbox"/> No	See attached		
Electric Log Run (Submit Copy)	Yes	<input checked="" type="checkbox"/> No			
List All E. Logs Run:			KCC JAN 31 2003 CONFIDENTIAL		

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

## ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:  ____ Perforate ____ Protect Casing ____ Plug Back TD ____ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives	

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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**EXPLORATION, INC.**  
Wichita, Kansas

## Wichita, Kansas

KCC

2003

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ORIGINAL

E. C. L. 87-37

19. 1886. 3. 17. 1886. 19. 1886. 3. 17. 1886.

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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 Well A	Ref 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		