

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

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

WELL NO. 15- 065-22,258 0001
County Graham
SE - NE - NW - Sec. 13 Twp. 6 S Rge. 22 ^E/ ^W

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address P.O. Box 783188

City/State/Zip Wichita, KS 67278
Purchaser: Koch Oil Company
Operator Contact Person: Julie Stout
Phone (316) 691-9500
Contractor: Name: Western Well Service
License: **CONFIDENTIAL**
Wellsite Geologist:

4290 Feet from (S)N (circle one) Line of Section
2970 Feet from (E)W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, (SE), NW or SW (circle one)
Lease Name Ary-13B Well # 1
Field Name
Producing Formation Lansing/ Toronto
Elevation: Ground 2311 KB 2316
Total Depth 3865 PBDT
Amount of Surface Pipe Set and Cemented at 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.

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

Drilling Fluid Management Plan REWORK JH 10-17-97
(Data must be collected from the Reserve Pit)

If Workover/Reentry: Old Well Info as follows:
Operator: A. Scott Ritchie
Well Name: #1 Ary-13B
Comp. Date 12-5-85 Old Total Depth 3865
 Deepening x Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
x Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.
5-23-97 5-27-97
Spud Date Date Reached TD Completion Date

Chloride content ppm Fluid volume bbls
Dewatering method used **RELEASED**
Location of fluid disposal if hauled offsite: MAY 06 2000
S-6-2000
Operator Name **FROM CONFIDENTIAL**
Lease Name License No.
 Quarter Sec. Twp. S Rng. E/W
County Docket No. **CONFIDENTIAL**

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 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 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 *Julie K. Stout*
Title President Date 8-18-97
Subscribed and sworn to before me this 18 day of August, 19 97.
Notary Public *Julie K. Stout*
Julie K. Stout
Date Commission Expires July 23, 2001

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

JULIE K. STOUT
Notary Public - State of Kansas
My Appt. Expires 7-23-2001

Form ACO-1 (7-91)
8-29-97

ORIGINAL

SIDE TWO

Operator Name Ritchie Exploration, Inc.

Lease Name Ary-13B

Well # 1

County Graham

Sec. 13 Twp. 6S Rge. 22

East

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.)

List All E.Logs Run:

None

Log Formation (Top), Depth and Datums Sample
Name Top Datum

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

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
		8 5/8"	23 #	259'	Quikset	180	
		5 1/2"	14 #	3864'	60/40 Poz	125	

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
3 SSB	Toronto 3547-3550	2000 gals 28% NE	
2 SSB	3685.5'-3688' + 3715'-3718' + 3738'-3742'	450# Benzoic Acid flakes	
2 SSB	3564'-3566' + 3595'-3597' + 3609'-3612'		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	3800'	n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.			Producing Method		
5-27-97			<input type="checkbox"/> Flowing <input checked="" 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
	7		130		

Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

METHOD OF COMPLETION Production Interval

(If vented, submit ACO-18.)