

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

PLEASE USE  
INFORMATION  
CONFIDENTIAL

ORIGINAL

Operator: License # 4767Name: Ritchie Exploration, Inc.Address P.O. Box 783188City/State/Zip Wichita, KS 67278Purchaser: Koch Oil CompanyOperator Contact Person: Julie StoutPhone (316) 691-9500Contractor: Name: Western Well ServiceLicense: CONFIDENTIAL

Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion

New Well Re-Entry  Workover

Oil  SWD  SOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator: A. Scott RitchieWell Name: #1 Ary-13BComp. Date 12-5-85 Old Total Depth 3865

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

5-23-97 Spud Date 5-27-97 Date Reached TD Completion DateAPR NO. 15- 065-22, 258 0001County Graham ESE - NE - NW - Sec. 13 Twp. 6 S Rge. 22 XW

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/ TorontoElevation: Ground 2311 KB 2316Total Depth 3865 PBD \_\_\_\_\_

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.

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

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_ RELEASED

Location of fluid disposal if hauled offsite: 06 2000Operator Name 11111 FROM CONFIDENTIALLease Name AUG 28 License No. \_\_\_\_\_Quarter 1 Sec. 13 Twp. 6 S Rng. 22 E/WCounty CONFIDENTIAL 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 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. StoutTitle President Date 8-18-97Subscribed and sworn to before me this 18th day of August, 1997.Notary Public Julie K. StoutDate Commission Expires July 23, 2001

<input checked="" type="checkbox"/> F	K.C.C. OFFICE USE ONLY		
<input type="checkbox"/> C	Letter of Confidentiality Attached		
<input type="checkbox"/> C	Wireline Log Received		
<input type="checkbox"/> C	Geologist Report Received		
Distribution			
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA	<input checked="" type="checkbox"/> Other
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input checked="" type="checkbox"/> (Specify)	<u>TO G</u>

Form ACO-1 (7-91)

JAMIE RO

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name Ary-13B Well # 1  
 Sec. 13 Twp. 6S Rge. 22  East  West County Graham

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  
(Attach Additional Sheets.)

Yes  No

Log Formation (Top), Depth and Datums

Sample

Samples Sent to Geological Survey

Yes  No

Name

Top

Datum

Cores Taken

Yes  No

Electric Log Run  
(Submit Copy.)

Yes  No

List All E.Logs Run:

None

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	
Perforate					
Protect Casing					
Plug Back TD					
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	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8"	3800'	n/a		

Date of First, Resumed Production, SWD or Inj.	Producing Method	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
5-27-97		

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	7		130		

Disposition of Gas: METHOD OF COMPLETION Production Interval

Vented  Sold  Used on Lease  
(If vented, submit ACO-18.)  Open Hole  Perf.  Dually Comp.  Commingled \_\_\_\_\_  
 Other (Specify) \_\_\_\_\_