

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

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address P.O. Box 783188

City/State/Zip Wichita, KS 67278

Purchaser: Texaco

Operator Contact Person: Lisa Thimmesch

Phone (316) 691-9500

Contractor: Name: White & Ellis Drilling

License: 5420

Wellsite Geologist: R. Milford

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:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

3-5-97 3-11-97 4-4-97
Spud Date Date Reached TD Completion Date

API NO. 15- 135-23,973

County Ness

NW - - - - Sec. 30 Twp. 19 Rge. 21W E

400 Feet from S (circle one) Line of Section

2215 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, N or SW (circle one)

Lease Name Moore D-P Well # 5

Field Name Schaben

Producing Formation Mississippian

Elevation: Ground 2277 KB 2282

Total Depth 4396 PBTD _____

Amount of Surface Pipe Set and Cemented at 306 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1457 Feet

If Alternate II completion, cement circulated from 1457

feet depth to surface w/ 220 sx cmt.

Drilling Fluid Management Plan ALT 2 JK 7-14-97
(Data must be collected from the Reserve Pit)

Chloride content 6400 ppm Fluid volume 664 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

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 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 [Signature]
Title President Date 5/31/97

Subscribed and sworn to before me this 30th day of May, 19 97.

Notary Public [Signature]

Date Commission Expires _____

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
IOG (Specify)



Operator Name Ritchie Exploration, Inc. Lease Name Moore "D-P" Well # 5

Sec. 30 Twp. 19 Rge. 21W
 East
 West

County Ness

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.)

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

See attached sheet

List All E.Logs Run:

Radiation Guard Log

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	12 1/4"	8 5/8"		306	60/40 poz	175	2% gel 4%
production	7 7/8"	5 1/2"	15.5#	4377	60/40poz	110	10% salt 2% gel 10 bbl WF

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
	OH 4377'-4396'	250 gal 7.5% INS DSFE	Miss

TUBING RECORD Size 2 7/8" Set At 4370 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SUD or Inj. 4-3-97 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 39.49 Bbls. Gas Mcf _____ Water 15.36 Bbls. Gas-Oil Ratio _____ Gravity _____

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) _____

4377'-4396'

RITCHIE EXPLORATION, INC.

125 N. Market - Suite 1000
Wichita, Kansas 67202-1775
316-267-4375 FAX 316-267-3026

#5 Moore "D-P"
400' FNL and 425' FEL, NW/4
Section 30-19S-21W
Ness County, Kansas
API# 15-135-23,973
Elevation: 2277' GL 2282' KB

Log Tops

Anhydrite	1486'(+ 796)
B/Anhy	1519'(+ 763)
Heebner	3741'(-1459)
Lansing	3789'(-1507)
B/KC	4098'(-1816)
Pawnee	4204'(-1922)
Fort Scott	4284'(-2002)
Cherokee	4302'(-2020)
Miss Osage	4376'(-2094)
LTD	4381'(-2099)