

ORIGINAL

SIDE ONE

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

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address 125 N. Market, Ste. 1000

City/State/Zip Wichita, KS 67202
Purchaser:
Operator Contact Person: Jeff Christian
Phone (316) 267-4375
Contractor: Name: Murfin Drilling Company, Inc.
License: 30606
Wellsite Geologist:
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:
Comp. Date Old Total Depth
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PSTD
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.
01-10-94 01-16-94 01-17-94
Spud Date Date Reached TD Completion Date

API NO. 15- 065-22734 -00-00
County Graham
- NW - SE - NW Sec. 15 Twp. 6S Rng. 24 X E
3630 Feet from S/W (circle one) Line of Section
3630 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 Moore Estate Well # 1
Field Name
Producing Formation
Elevation: Ground 2460' KB 2465'
Total Depth 3865' PSTD 3900'
Amount of Surface Pipe Set and Cemented at 297 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 cat.
Drilling Fluid Management Plan D&A JW 2-19-98
(Data must be collected from the Reserve Pit)
Chloride content 700 ppm Fluid volume 890 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, 200 Colorado Derby Building, 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 2/25/94
Subscribed and sworn to before me this 25th day of February
19 94.
Notary Public [Signature]
Date Commission Expires

LISA THIMMESCH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 8-20-95

STATE OF KANSAS
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SUD/Rep NSPA
 KGS Plug Other
(Specify)

JAN 23 1994 1-23-98

SIDE TWO

Operator Name Ritchie Exploration, Inc.

Lease Name Moore Estate

Well # 1

Sec. 15 Twp. 6S Rge. 24

East

County Graham

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:

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

see attached sheet

ORIGINAL

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"	24#	297'	60/40	225	2%gel 3%CC

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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 RECORDS - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method	<input type="checkbox"/> Flowing	<input type="checkbox"/> Pumping	<input type="checkbox"/> Gas Lift	<input type="checkbox"/> Other (Explain)
<u>D&A</u>					

Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Conmingled Other (Specify) _____

Production Interval: _____

JAN 23 1955

CONROY & COMPANY

RITCHIE EXPLORATION, INC.

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

#1 Moore Estate
NW SE NW
Section 15-6S-24W
Graham County, Kansas
API# 15-065-22,734
Elevation: 2467' G.L., 2472' K.B.

ORIGINAL

ELECTRIC LOG TOPS

Anhydrite	2106' (+ 366)
B/Anhy	2138' (+ 334)
Topeka	3422' (- 950)
Heebner	3621' (-1149)
Toronto	3647' (-1175)
Lansing	3662' (-1190)
B/KC	3844' (-1372)
LTD	3865' (-1393)

DST #1 from 3699' to 3738' (L/KC 50' to 90' zones). Recovered 558' of mud, 250' of watery mud (52% mud, 48% water), and 62' watery mud (76% mud, 24% water).

IFP:69-196#/25".

Note: The packer failed on the first try and held on the second try for 25" and then failed again. There were no shut in pressures or final flow taken.

DST #2 from 3753' to 3810' (L/KC 140' to 180' zones). Recovered 85' of mud.

IFP:37-57#/30"; ISIP:1213#/30";

FFP:59-71#/30"; FSIP:1165#/30".

RECEIVED
STATE OF KANSAS COMMISSION

JAN 23 1996

CONSERVATION DIVISION
Wichita, Kansas