

14-6-226

SIDE ONE

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

Operator: License # 4767
Name Ritchie Exploration, Inc.
Address 125 N. Market, Suite 1000
City/State/Zip Wichita, KS 67202

Purchaser N/A

Operator Contact Person Galen Babcock
Phone 316/267-4375

Contractor: License # 6033
Name Murfin Drilling Co.

Wellsite Geologist Bob Buffo
Phone 316/267-4375

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
1/18/86 1/23/86 1/24/86
Spud Date Date Reached TD Completion Date
3880' n/a
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 25.2 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt
Cement Company Name
Invoice #

API No. 15-065-22295

County Graham
NW NE SE Sec 14 Twp 6 Rge 22 East
..... West

2310 Ft North from Southeast Corner of Section
990 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Keith Estate Well # 2

Field Name not named yet

Producing Formation n/a

Elevation: Ground 2299' KB 2304'
Section Plat

MAR 24 1986
State of Kansas

X WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain).....
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name Keith Estate Well # 2

Sec. 14 Twp. 6S Rge. 22W East West County Graham

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 from 3465' to 3500' (Lower Topeka). Recovered 20' of mud with a few specks of oil.
 IFP: 32-32#/30"; ISIP: 1137#/30";
 FFP: 32-32#/30"; FSIP: 1083#/30".

DST #2 from 3579' to 3614' (35' & 50' zones). Recovered 210' of watery mud, few specks of oil in tool.
 IFP: 32-54#/30"; ISIP: 434#/45";
 FFP: 86-97#/30"; FSIP: 423#/45".

Name	Top	Bottom
Anhydrite	1962' (+ 342)	
B/Anhydrite	1992' (+ 312)	
Topeak	3323' (-1019)	
Heebner	3518' (-1214)	
Toronto	3543' (-1239)	
Lansing	3561' (-1257)	
B/KC	3748' (-1444)	
Cong. sd.	3810' (-1506)	
Arbuckle	3857' (-1553)	
LTD	3878' (-1574)	

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	12 1/2"	8-5/8"	23#	252	60/40 Poz	185	2% gel 3% CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated					Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					