

7nd.
RELEASED

DATE MAY 1987
STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
FROM NON-CONFIDENTIAL OR RECOMPLETION FORM
ACQ-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 Jeff Christian
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 OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
☒ Mud Rotary ☐ Air Rotary ☐ Cable
1/03/86 1/09/86 1/30/86
Spud Date Date Reached TD Completion Date
3666'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 218 feet
Multiple Stage Cementing Collar Used? ☒ Yes ☐ No
If yes, show depth set 1788 feet
If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt
Cement Company Name
Invoice #

S SIDE ONE

API NO. 15-163-22,854 22-6-20W
County Rooks
NW SE SE 22 22 20
East West

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

Lease Name Chapman Well # 2

Field Name

Producing Formation N/A

Elevation: Ground 2164' KB 2169'
Section Plat

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

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APR 30 1986
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # n/a Repressuring

Questions on this portion of the ACQ-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.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have

SIDE TWO

WOS-4 Ritchie Exploration, Inc. Lease Name...Chapman... Well #.2.....
 Operator Name

Sec....22.... Twp....6S... Rge....20....
☐ East
☒ West County.....Rooks.....

**PLEASE KEEP THIS
 INFORMATION
 CONFIDENTIAL**

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

DST #1 from 3362' to 3416' (Toronto & Top zones). Recovered 5' of mud, 120' of watery mud, and 120' of muddy water.
 IFP:76-98#/30"; ISIP:1157#/45";
 FFP:130-152#/30"; FSIP:1124#/45".

DST #2 from 3428' to 3482' (35', 50' & 70' zones). Recovered 5' of mud with scum of oil. IFP:54-54#/30"; ISIP:272#/30";
 FFP:54-54#/30"; FSIP:185#/30".

DST #3 from 3517' to 3582' (140', 160', & 180' zones). Recovered 5' of mud, no show of oil. IFP:54-54#/30"; ISIP:98#/30";
 FFP:54-54#/30"; FSIP:98#/30".

DST #4 from 3596' to 3651' (Conglomerate sand). Recovered 195' of muddy water.
 IFP:76-87#/45"; ISIP:955#/45";
 FFP:131-131#/45"; FSIP:890#/45".

Formation Description

☐ Log ☒ Sample

Name	Top	Bottom
Anhydrite	1768' (+ 401)	
B/Anhydrite	1799' (+ 358)	
Topeka	3167' (- 998)	
Heebner	3366' (-1195)	
Toronto	3389' (-1220)	
Lansing	3405' (-1236)	
B/KC	3606' (-1437)	
Cgl. sd.	3642' (-1473)	
Arbuckle	3657' (-1488)	
RTD	3666' (-1497)	

DST #5 from 3657' to 3666' (Arb.)
 Recovered 60' of oil cut gassy mud and 665' of slightly mud cut oil.
 IFP:65-163#/30"; ISIP:909#/30";
 FFP:217-283#/30"; FSIP:845#/30".

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 1/2"	8-5/8"	23#	218'	common	160	2% gel 3% GC
production	7-7/8"	4 1/2"	10.5#	3657 1/2'	60/40 poz	75	10% salt
					+ 10 bbls.		preflush

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

2 SSB	3658 1/2' to 3662 1/2'	350 gal. of 15% MCA	3658 1/2'-62 1/2'

TUBING RECORD

Size

Set At

Packer at

Liner Run

☐ Yes ☐ No

Date of First Production Producing Method

☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain):.....