

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
Wichita, KS 67202
City/State/Zip

Purchaser N/A

Operator Contact Person Rocky Milford
Phone 316-267-4375

Contractor: License # 6033
Name Murfin Drilling Company

Wellsite Geologist Rocky Milford
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
8-19-86 8-29-86 8/29/86
Spud Date Date Reached TD Completion Date
4750' N/A
Total Depth PBTD 8 5/8" @ 467'
Amount of Surface Pipe Set and Cemented at...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. 15-171-20,338-00-00
County Scott
C. SE NE Sec 17 Twp 19S Rge 33 East
3300 Ft North from Southeast Corner of Section
660 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

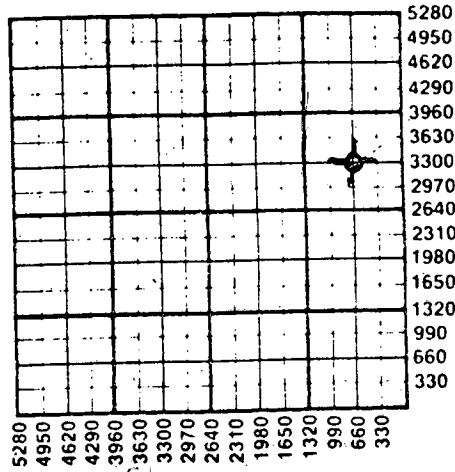
Lease Name Crist Cattle, Inc. "B" Well #1

Field Name N/A

Producing Formation N/A

Elevation: Ground 2968' KB 2973'

Section Plat



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: Hauled.
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 triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 been fully complied with and the statements herein are complete and correct to the best of my knowledge.

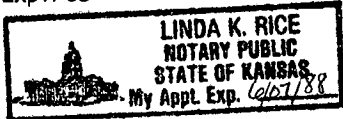
Signature *Linda K. Rice*

Title President Date 10/21/86

Subscribed and sworn to before me this 21st day of October 1986

Notary Public *Linda K. Rice*

Date Commission Expires 6/07/88



OCT 28 1986
10-28-86

K.C.C.-OFFICE-USE-ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Sec 17 Twp 19S Rge 33C

Operator Name Ritchie Exploration, Inc. Lease Name Crist Cattle, Inc 'B' Well # 1

Sec. 17 Twp. 19S Rge. 33 East West County Scott

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

** LOG TOPS WERE INCORRECT

DST #1 from 3886'-3920' (Lansing Top zone). Recovered 10' of mud cut oil and 120' of slightly oil cut muddy water. IFP:58-70#/45" ISIP:940#/45";FFP:81-93#/45";FSIP:905#/45".

DST #2 from 3917'-3970' (35' & 50' zones). Recovered 70' of watery mud cut oil (4% gas, 43% oil, 30% mud & 23% water). IFP:58-70#/45";ISIP:986#/30";FFP:70-81#/30";FSIP:928#/45".

DST #3 from 3976'-4018' (70' & 90' zones). Recovered 1,380' of salt water, no show of oil. IFP:116-373#/30";ISIP:1089#/30";FFP:478-640#/30";FSIP:1089#/30".

DST #4 from 4181'-4203' (L/KC "J" zone). Recovered 2,330' of salt water w/scum of oil. IFP:210-813#/30";ISIP:1168#/30";FFP:859-1066#/30";FSIP:1168#/30".

Name	Top	Bottom
Anhydrite	2201'	(+ 772)
B/Anhydrite	2219'	(+ 754)
Herington	2621'	(+ 352)
Krider	2651'	(+ 322)
Winfield	2699'	(+ 274)
Towanda	2751'	(+ 214)
Tarkio	3450'	(- 477)
Topeka	3591'	(- 579)
Heebner	3846'	(- 873)
Toronto	3862'	(- 889)
Lansing	3895'	(- 922)
B/KC	4312'	(-1339)
Marmaton	4338'	(-1365)
Pawnee	4411'	(-1438)
Ft. Scott	4456'	(-1483)
Cher. Shale	4481'	(-1508)
Morrow Sh.	4599'	(-1626)
Upper sand	4603'	(-1630)
Middle sand	4620'	(-1647)
Miss.	4633'	(-1660)

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#	467'	60/40 poz	275	2% gel, 3% CC

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	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

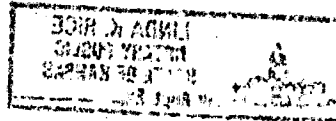
Date of First Production	Producing Method
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled



15-171-20338-00-00

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR Ritchie Exploration, INC LEASE NAME Crist Cattle, Inc SEC. 17 TWP. 19 SRGE. 33 (W)

FILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST #5 from 4308'-4376' (Marmaton). Recovered 10' of mud, no show of oil. IFP:58-58#/30"; ISIP:81#/30"; FFP:58-70#/30"; FSIP:81#/30".				
DST #6 from 4403'-4484' (Pawnee-Ft. Scott). Recovered 70' of mud. IFP:70-81#/30"; ISIP:1031#/30"; FFP:93-93#/30"; FSIP:894#/30".				
DST #7 from 4596'-4630' (Upper & Middle Morrow sand). Recovered 10' of mud. IFP:46-58#/30"; ISIP:116#/30"; FFP:58-58#/30"; FSIP:70#/30".				

OCT 28 1985