

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

S

API NO. 15-135-23,111-00-00

County... Ness

NW SW NE Sec. 33 Twp. 16S Rge. 22 East
X West

3630 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

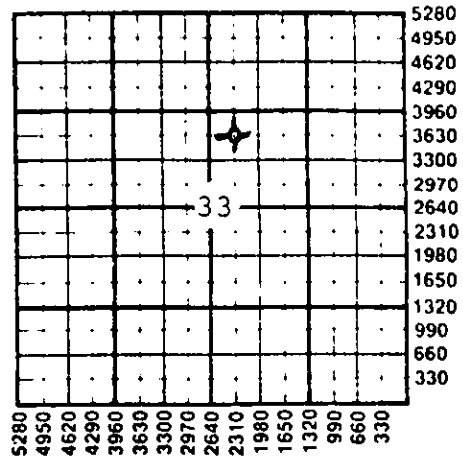
Lease Name... Allen Miller Well #... 1

Field Name... unknown

Producing Formation... N/A

Elevation: Ground... 2412' KB... 2417'

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. #)

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

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

WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable

5-1-87 5-9-87 5-10-87
Spud Date Date Reached TD Completion Date

4472' N/A
Total Depth PBTD

8-5/8" @ 231'

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

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.

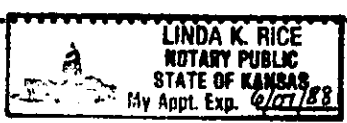
08-06-1987

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 Robert Milford
Title Geologist Date 8/05/87

Subscribed and sworn to before me this 5th day of August 1987
Notary Public Linda K. Rice

Date Commission Expires 6/07/88



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. 38 Twp. 16S Rge. 22E

Operator Name Ritchie Exploration, Inc. Lease Name Allen Miller Well # 1

Sec. 33 Twp. 16S Rge. 22 East West County Ness

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.

<p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>DST #1 from 4297'-4332' (Ft. Scott). Rec. 10' of mud, no show of oil. IFP: 35-35#/30"; ISIP: 46#/30"; FFP: 46-46#/30"; FSIP: 46#/30".</p> <p>DST #2 from 4333'-4365' (Cher. sand). Rec. 10' of mud. IFP: 35-35#/30"; ISIP: 70#/30"; FFP: 35-46#/30"; FSIP: 58#/30".</p> <p>DST #3 from 4372'-4433' (Congl. sand). Rec. 65' oil cut mud. IFP: 81-81#/30"; ISIP: 801#/30"; FFP: 93-93#/30"; FSIP: 629#/30".</p>	<p>Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Bottom</th> </tr> </thead> <tbody> <tr><td>Anhydrite</td><td>1720' (+ 697)</td><td></td></tr> <tr><td>B/Anhydrite</td><td>1755' (+ 662)</td><td></td></tr> <tr><td>Heebner</td><td>3814' (-1397)</td><td></td></tr> <tr><td>Toronto</td><td>3835' (-1418)</td><td></td></tr> <tr><td>Lansing</td><td>3852' (-1435)</td><td></td></tr> <tr><td>B/KC</td><td>4126' (-1709)</td><td></td></tr> <tr><td>Pawnee</td><td>4227' (-1810)</td><td></td></tr> <tr><td>Ft. Scott</td><td>4322' (-1905)</td><td></td></tr> <tr><td>Cher. sh.</td><td>4334' (-1917)</td><td></td></tr> <tr><td>Cher. sd.</td><td>4336' (-1919)</td><td></td></tr> <tr><td>Miss. Cgl.</td><td></td><td></td></tr> <tr><td> chert</td><td>4426' (-2009)</td><td></td></tr> <tr><td>Miss.</td><td>4434' (-2017)</td><td></td></tr> <tr><td>LTD</td><td>4472' (-2055)</td><td></td></tr> </tbody> </table>	Name	Top	Bottom	Anhydrite	1720' (+ 697)		B/Anhydrite	1755' (+ 662)		Heebner	3814' (-1397)		Toronto	3835' (-1418)		Lansing	3852' (-1435)		B/KC	4126' (-1709)		Pawnee	4227' (-1810)		Ft. Scott	4322' (-1905)		Cher. sh.	4334' (-1917)		Cher. sd.	4336' (-1919)		Miss. Cgl.			chert	4426' (-2009)		Miss.	4434' (-2017)		LTD	4472' (-2055)	
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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 1/4"	8 5/8"	23#	231'	60-40 Poz	140	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				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	Gas	Water	Gas-Oil Ratio		Gravty
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION Production Interval

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