

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 # 5198
name A. Scott Ritchie
address 125 N. Market, Suite 950
City/State/Zip Wichita, KS 67202

Operator Contact Person Rocky Milford
Phone (316) 267-4375

Contractor: license # 6033
name Murfin Drilling Co.

Wellsite Geologist Ed Louis
Phone (316) 264-2773

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
7/18/84 7/24/84 7/24/84
Spud Date Date Reached TD Completion Date
3560' RTD n/a
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1133 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

API NO. 15 - 165-21,236-00-00

County Rush

SE SE NE Sec 20 Twp 16S Rge 17 East West
(location)

2970 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

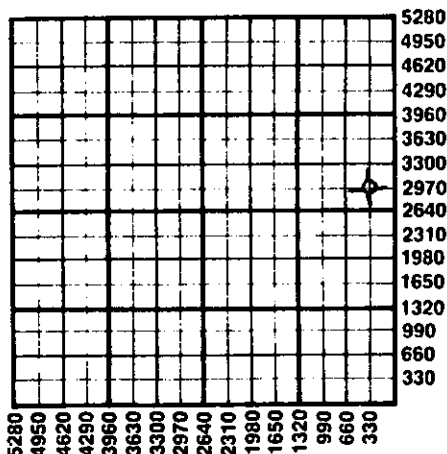
Lease Name Mermis Well# 1

Field Name Reichel

Producing Formation n/a

Elevation: Ground 1981' KB 1990'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

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

Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge East West

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

Disposition of Produced Water: Disposal Repressuring

Docket #

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. Rules 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-11 form with all temporarily abandoned wells.

SEP 18 1984
09-18-1984
KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas

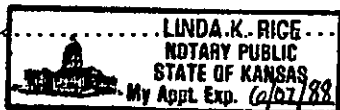
All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature *A. Scott Ritchie*

Title Operator Date 9/17/84

Subscribed and sworn to before me this 17th day of September 19 84

Notary Public *Linda K. Rice*
Date Commission Expires 6/17/88



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)

Form ACO-1
(This form supercedes previous forms ACO-1 & C-10)

Sec 20, Twp 16, Rge 17W

Operator Name A. Scott Ritchie Lease Name Mermis Well# 1 SEC 20 TWP. 16S RGE. 17 East West

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	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<table border="0"> <tr> <td colspan="2">Formation Description</td> </tr> <tr> <td><input type="checkbox"/> Log</td> <td><input checked="" type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top Bottom</td> </tr> </table>	Formation Description		<input type="checkbox"/> Log	<input checked="" type="checkbox"/> Sample	Name	Top Bottom
Formation Description									
<input type="checkbox"/> Log	<input checked="" type="checkbox"/> Sample								
Name	Top Bottom								
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><u>DST #1</u> from 3258' to 3296' (Lansing "A" zone). Recovered 10' of mud. IFP:34-34#/30"; ISIP:34#/30"; FFP:34-39#/30"; FSIP:39#/30".</p> <p><u>DST #2</u> from 3312' to 3336' (Lansing C & D zones). Recovered 100' of muddy water, few spots of oil. IFP:45-45#/30"; ISIP:783#/45"; FFP:45-45#/30"; FSIP:716#/45".</p> <p><u>DST #3</u> from 3508' to 3560' (Arbuckle). Recovered 1080' of muddy gassy water, with a trace of oil. Gas to surface in 15 min. of first open, too small to measure. IFP:502-309#/30";-(Tool slid); ISIP:1009#/30"; FFP:456-536#/30"; FSIP:952#/30".</p>	<table border="0"> <tr> <td>Anhydrite</td> <td>1111'</td> <td>(+ 879)</td> </tr> <tr> <td>B/Anhydrite</td> <td>1152'</td> <td>(+ 838)</td> </tr> <tr> <td>Topeka</td> <td>3000'</td> <td>(-1010)</td> </tr> <tr> <td>Heebner</td> <td>3229'</td> <td>(-1239)</td> </tr> <tr> <td>Toronto</td> <td>3251'</td> <td>(-1261)</td> </tr> <tr> <td>Lansing</td> <td>3281'</td> <td>(-1291)</td> </tr> <tr> <td>B/KC</td> <td>3509'</td> <td>(-1519)</td> </tr> <tr> <td>Arbuckle</td> <td>3551'</td> <td>(-1561)</td> </tr> <tr> <td>RTD</td> <td>3560'</td> <td>(-1570)</td> </tr> </table>	Anhydrite	1111'	(+ 879)	B/Anhydrite	1152'	(+ 838)	Topeka	3000'	(-1010)	Heebner	3229'	(-1239)	Toronto	3251'	(-1261)	Lansing	3281'	(-1291)	B/KC	3509'	(-1519)	Arbuckle	3551'	(-1561)	RTD	3560'	(-1570)
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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 1/2"	8-5/8"	24#	1133'	Lite. & quickset	500 150	2% CC 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	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

Disposition of gas: <input type="checkbox"/> vented <input type="checkbox"/> sold <input type="checkbox"/> used on lease	METHOD OF COMPLETION <input type="checkbox"/> open hole <input type="checkbox"/> perforation <input type="checkbox"/> other (specify) <input type="checkbox"/> Dually Completed. <input type="checkbox"/> Commingled	PRODUCTION INTERVAL
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