

C 15-195-21451-00-00

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

Wellsite Geologist Leah Ann Kasten
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
2/29/84 3/9/84 4/27/84
Spud Date Date Reached TD Completion Date

4080' RTD n/a
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 208 feet

Multiple Stage Cementing Collar Used? Yes No
If Yes, Show Depth Set 1801 feet

If alternate 2 completion, cement circulated from 208 feet depth to surface w/ 1.65 SX cmt

API NO. 15 195-21,451-00-00

County Trego
1430' FEL & 350' FSL
of NW/4 Sec 30 Twp 11S Rge 22

2990 Ft North from Southeast Corner of Section
4070 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

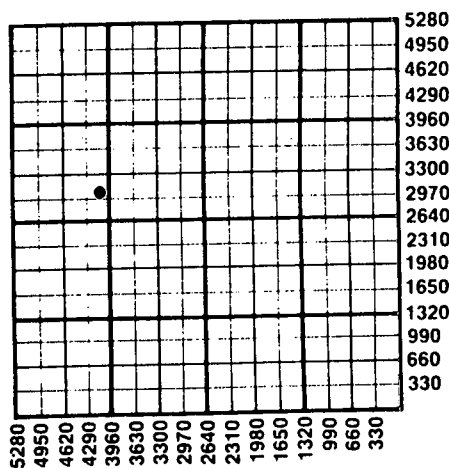
Lease Name Richardson "C" Well# 3

Field Name Mong, South Field

Producing Formation Commingled: Marmaton & Lansing

Elevation: Ground 2353' KB 2358'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #
 Groundwater Ft North From Southeast Corner and Ft West From Southeast Corner of (Well) Sec Twp Rge East West
 Surface Water Ft North From Southeast Corner and Ft West From Southeast Corner (Stream, Pond etc.) 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-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 [Signature] Title Operator Date 9/18/84

Subscribed and sworn to before me this 18th day of September, 1984

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 Time Log Received
Distribution
 KGC SWD/Rep NGPA
 KGS Plug Other (Specify)

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

Sec. 30 Twp. 11 Rge. 22

Operator Name A. Scott Ritchie Lease Name Richardson Well# 3 SEC. 30. TWP. 11S. RGE. 22 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 Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 from 3533' to 3580' (Lower Topeka). Recovered 115' of watery mud, no show of oil.
 IFP:78-89#/30"; ISIP:1209#/45";
 FFP:111-122#/30"; FSIP:1187#/45".

Name	Top	Bottom
Anhydrite	1805'	(+ 553)
B/Anhydrite	1849'	(+ 509)
Topeka	3360'	(-1002)
Heebner	3576'	(-1218)
Toronto	3596'	(-1238)
Lansing	3611'	(-1253)
B/KC	3846'	(-1488)
Marmaton	3940'	(-1582)
LTD	4083'	(-1725)

DST #2 from 3572' to 3629' (Toronto & Top zones). Recovered 280' of mud cut oil and 40' of slightly gassy oil cut mud.
 IFP:69-116#/30"; ISIP:886#/45";
 FFP:127-150#/30"; FSIP:863#/45".

DST #3 from 3637' to 3683' (35' & 50' zones). Recovered 25' of mud, no show of oil.
 IFP:46-46#/30"; ISIP:486#/45";
 FFP:69-69#/30"; FSIP:475#/45".

DST #4 from 3676' to 3695' (70' zone). Recovered 270' of heavy gassy mud cut oil and 1140' of gas in pipe.
 IFP:58-93#/30"; ISIP:486#/30";
 FFP:104-116#/30"; FSIP:475#/30".

(continued on second page)

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#	208'	quickset	165	
Production	7-7/8"	4 1/2"	10.5#	4080'	60/40 pozmix	190	10% salt
					And 10 bbls. of salt flush		
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
1 SSB jet	3955' - 3976'			Acidized w. 500 gal. of AOG-20			0.3955'-3976'
2 SSB jets	3687' - 3691'			Acidized w. 500 gal. of 28%			3687-3691
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
size	set at		packer at				
Date of First Production	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
4-27-84							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	60 Bbls	MCF	5 Bbls	CFPB			

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION
 open hole perforation other (specify) _____
 Dually Completed. Commingled

PRODUCTION INTERVAL
 3955-3976
 3687-3691

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SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR A. Scott Ritchie LEASE NAME Richardson "C" SEC. 30 TWP. 11S RGE. 22 (E)
(W)X

FILL IN WELL LOG AS REQUIRED:

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

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.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
(Continued from page 1)				
<p><u>DST #5</u> from 3700' to 3724' (90' & 100' zones). Recovered 296 of gassy oil spotted muddy water (9% gas, 6% oil, 15% mud & 70% water). IFP:58-116#/30"; ISIP:760#/45"; FFP:150-174#/30"; FSIP:749#/45".</p>				
<p><u>DST #6</u> from 3735' to 3811' (140' to 180' zones). Recovered 80' of very slightly oil cut muddy water and 60' of very slightly oil spotted muddy water (2% gas, 4% oil, 54% mud, & 40% water). IFP:81-116#/30"; ISP:1023#/30"; FFP:127-127#/30"; FSIP:908#/30".</p>				
<p><u>DST # 7</u> from 3799' to 3856' (200' & 220' zones). Recovered 64' of mud, no show of oil. IFP:58-58#/30"; ISIP:394#/30"; FFP:81-81#/30"; FSIP:324#/30".</p>				
<p><u>DST #8</u> from 3945' to 3988' (Matmaton). Recovered 70' of oil spotted mud (8% oil & 92% mud). IFP:46-46#/30"; ISIP:1150#/45"; FFP:69-69#/30"; FSIP:1081#/45".</p>				

RECORDED
STATE OF KANSAS COMMISSION
9-19-1984
SEP 19 1984
COMM. OF NATURAL RESOURCES
STATE OF KANSAS