

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 Galen Babcock
Phone (316) 267-4375

Contractor: license # 6033
name Murfin Drilling Co.

Wellsite Geologist Leah Ann Kasten
Phone (316) 267-4375

PURCHASER Koch Oil Co.

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
8/4/84 8/15/84 9/27/84
Spud Date Date Reached TD Completion Date

3726' RTD n/a
Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 259' feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set 1854' feet

If alternate 2 completion, cement circulated from 259 feet depth to surface w/ 200 SX cmt

API NO. 15 - 065-22,033-60-00
County Graham
50'S of SE SE NE Sec 12 Twp 6S Rge 22 XW
(location)
2920 Ft North from Southeast Corner of Sect
330 Ft West from Southeast Corner of Sect
(Note: locate well in section plat below)

Lease Name Keiswetter "A" Well# 1

Field Name n/a B095 W

Producing Formation Lansing

Elevation: Ground 2198' KB 2203'

Section Plat

Grid table with elevations 5280 to 330 on the right and 4950 to 330 on the bottom.

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STATE CORPORATION COMMISSION
OCT 21 1984
CONSERVATION DIVISION
WICHITA, KANSAS
10-24-84

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #
 Groundwater... Ft North From Southeast Corner (Well) ... Ft. West From Southeast Corner
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.#)

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 82-3-10 for confidentiality in excess of 12 months.

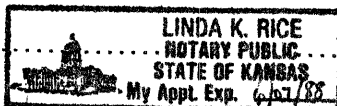
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 10/18/84

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

Notary Public Linda K. Rice Date Commission Expires 10/07/88



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

Sec. 12 Twp. 6S Rge. 22

Operator Name A. Scott Ritchie Lease Name Keiswetter "A" Well# 1 SEC 12 TWP. 6S 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

Name	Top	Bottom
Anhydrite	1850'	(+ 353)
B/Anhydrite	1881'	(+ 322)
Tarkio	3043'	(- 840)
Topeka	3210'	(-1007)
Heebner	3398'	(-1195)
Toronto	3431'	(-1228)
Lansing	3443'	(-1240)
B/KC	3630'	(-1427)
Cong. Sd.	3685'	(-1482)
Gran. Wash.	3718'	(-1515)
LTD	3724'	(-1521)

DST #1 from 3330' to 3393' (Lower Topeka). Recovered 1550' of fluid: 735' of mud cut gassy oil (52% oil, 5% gas, 43% mud); 310' of clean gassy oil (93% oil, 7% gas); 505' of slightly mud cut gassy oil (80% oil, 7% gas, 13% mud); & 60' of gas in pipe.
 IFP:190-430#/15"; ISIP:1254#/30";
 FFP:519-628#/15"; FSIP:1254#/30".

DST #2 from 3393' to 3456' (Toronto & top zone). Recovered 1475' of fluid: 180' of mud cut oil, 647' of slightly mud cut oil, and 648' of very slightly mud cut oil, & 560' of gas in pipe.
 IFP:160-420#/15"; ISIP:1020#/30";
 FFP:509-578#/15"; FSIP:1020#/30".

DST #3 from 3460' to 3487' (35' zone). Recovered 740' of fluid: 60' of slightly mud, water and gas cut oil; 248' of slightly oil, water and gas cut mud; 432' of mud cut water with scum of oil; and 240' of gas in pipe.
 IFP:80-250#/30"; ISIP:1205#/45";
 FFP:290-370#/30"; FSIP:1205#/45".

DST #4 from 3484' to 3500' (70' zone). Recovered 1255' of fluid: 1135' of gassy oil; and 120' of mud cut gassy oil.
 IFP:80-270#/15"; ISIP:1039#/30";
 FFP:340-440#/15"; FSIP:1030#/30".

DST #5 from 3548' to 3608' (140', 160', & 180' zones). Recovered 20' of mud, few spots of oil.
 IFP:50-50#/30"; ISIP:1078#/45";
 FFP:60-60#/30"; FSIP:1020#/45".

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 1-21-87

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(Continued on page 2)

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 Production	12 1/4" 7-7/8"	8-5/8" 5 1/2"	23# 14#	259' 3720'	quickset 60/40 pozmix	200 125	2% gel, .3% CC 10% salt, 20% bbls. brine preflush
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 - 3/8"	3592'			Acidized w/1000 gal. of 28% acid			3592'
1 - 3/8"	3583'			Acidized w/1000 gal. of 28% acid			3583'
2 SSB	3514'-16'; 3489'-91 1/2'; 3443 1/2'-46'			Acidized w/500 gal. of 28% acid			3514'-16'
2 SSB	3590 1/2'-93; 3582'-84'			Acidized w/600 gal. of 28% acid			3489'-91 1/2'
				Acidized w/600 gal. of 28% acid			3443 1/2'-46'
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
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)						
9/27/84							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	65 Bbls	MCF	0 Bbls		CFPB		

Disposition of gas: vented sold used on lease
 METHOD OF COMPLETION: open hole perforation other (specify) Dually Completed. Commingled
 PRODUCTION INTERVAL: Same as above
 Lansing formation

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
<p>(Continued from page 1)</p> <p>DST #6 from 3601' to 3640' (200' & 220' zones). Recovered 15' of mud with a very slight show of free oil. IFP:70-70#/30"; ISIP:240#/30" FFP:70-70#/30"; FSIP:230#/30".</p> <p>DST #7 from 3661' to 3695' (Conglomerate sand). Recovered 25' of oil cut mud. IFP:80-80#/30"; ISIP:824#/45"; FFP:80-80#/30"; FSIP:667#/45".</p> <p>DST #8 from 3694' to 3726' (Congl. Sand) Recovered 75' of very slightly oil cut mud. IFP:80-80#/30"; ISIP:824#/45"; FFP:90-90#/30"; FSIP:697#/45".</p>				

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NOV 2 1984
CONFIDENTIAL
State Geological Survey
MICHIGAN DEPARTMENT OF NATURAL RESOURCES

RECEIVED
STATE CORPORATION COMMISSION

OCT 2 1987

CONSERVATION DIVISION
MICHIGAN DEPARTMENT OF NATURAL RESOURCES