

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 1000
City/State/Zip Wichita, KS 67202

Purchaser Koch Oil Company

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

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
10/23/85 10/30/85 1/10/86
Spud Date Date Reached TD Completion Date
3884' RTD 3622'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 262 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1987' feet
If alternate completion, cement circulated from 1987' feet depth to surface 475' SX cmt
Cement Company Name Allied Cementing Co.
Invoice # 1199

API No. 15-065-22,256-0000
County Graham
SE NE SE Sec. 14 Twp. 6S Rge. 22 East
..... West
1650
330 Ft North from Southeast Corner of Section
..... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)
Lease Name Keith Estate Well # 1
Field Name not named yet JOB
Producing Formation Lansing
Elevation: Ground 2313' KB 2318'
Section Plat

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # D-20,496 Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
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 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. Rule 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.

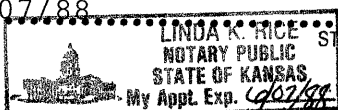
Signature [Signature] Operator

Title Operator Date 1/29/86

Subscribed and sworn to before me this 29th day of January 1986

Notary Public Linda K. Rice

Date Commission Expires 6/07/88



RECEIVED

JAN 30 1986

Form ACO-1 (7-84)

Operator Name A. Scott Ritchie Lease Name Keith Estate Well # 1

Sec. 14 Twp. 6S Rge. 22 East West County Graham

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 3475' to 3515' (lower Topeka). Recovered 40' of drilling mud, no show of oil. IFP:41-41#/30"; ISIP:1156#/45"; FFP: 51-51#/30"; FSIP:1104#/45".

DST #2 from 3517' to 3580' (Toronto and Top zone). Recovered 390' of watery mud and 480' of slightly oil spotted muddy water. IFP:81-234#/15"; ISIP:1218#/30"; FFP:336-408#/15"; FSIP:1187#/30".

DST #3 from 3586' to 3622' (35' & 50' zones). Recovered 300' of gas in pipe, 60' of clean oil, 300' of gassy oil cut mud, 360' of gassy oil cut muddy water, 60' of muddy water. IFP:81-234#/30"; ISIP:1248#/30"; FFP:285-357#/30"; FSIP:1238#/30".

DST #4 from 3673' to 3737' (140', 160', 180' zones). Recovered 10' of oil spotted mud. IFP:61-61#/30"; ISIP:122#/45"; FFP:51-51#/30"; FSIP:102#/45".

DST #5 from 3785' to 3826' (Cong. Sd.). Recovered 5' of

Name	Top	Bottom
Anhydrite	1968'	(+ 350)
B/Anhydrite	2000'	(+ 318)
Topeka	3334'	(-1016)
Heebner	3522'	(-1204)
Toronto	3548'	(-1230)
Lansing	3566'	(-1248)
B/KC	3754'	(-1436)
Cong. Sd.	3808'	(-1490)
Ero. Arb.	n/a	
Arbuckle	3853'	(-1535)
LTD	3882'	(-1564)

#5 Continued
 heavy clean oil and 5' of mud cut oil.
 IFP:61-61#/45"; ISIP:377#/45";
 FFP:61-61#/45"; FSIP:193#/45".

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#	262'	quickset	180	2% gel, 3% CC
Production	7-7/8"	4 1/2"	10.5#	3862'	pozmix	120	10% salt, 10% sacks 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	
2 jets	3630' to 3632'						
2 jets	3613 1/2' to 3616'			Acidized w/750 gal. of 28%		3613 1/2'-16'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method						
1/10/86	<input type="checkbox"/> Flowing <input checked="" 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		
	28.0 Bbls	MCF	190.0 Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation Sold Other (Specify) 3613 1/2' to 3616' Used on Lease Dually Completed Conmingled