

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 Leah Ann Kasten
Phone (316) 267-4375

PURCHASER Koch Oil

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
6/10/84 6/18/84 12/06/84
Spud Date Date Reached TD Completion Date
3850' RTD n/a
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 252' feet
Multiple Stage Cementing Collar Used? Yes No
If Yes, Show Depth Set 1952' feet

If alternate 2 completion, cement circulated from 252 feet depth to surface w/ 180 SX cmt

API NO. 15- 065-21,990
County Graham
1210' FWL &
1000' FSL NW/4 Sec. 18 Twp. 6S Rge. 21

4070 Ft North from Southeast Corner of Section
3640 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

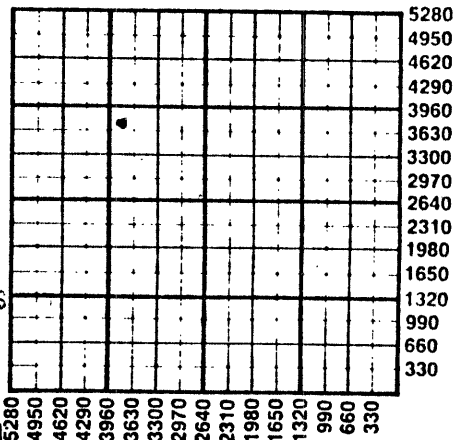
Lease Name Frazey Well# 2

Field Name Boyse Southwest

Producing Formation Lansing

Elevation: Ground 2282' KB 2287'

Section Plat



RECEIVED
STATE CORPORATION COMMISS

DEC 18 1984

CONSERVATION DIVISION
Wichita, Kansas

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-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 12/14/84

Subscribed and sworn to before me this 14th day of December, 1984

Notary Public Linda K. Rice Date Commission Expires 6/27/88



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. 18 Twp. 6S Rge. 21

Operator Name A. Scott Ritchie Lease Name Frazey Well# 2 SEC. 18 TWP. 6S RGE. R221 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 3448' to 3480' (Topeka). Recovered 180' of gas in pipe, 240' of slightly mud cut oil and 60' of slightly oil cut muddy water. IFP:44-66#/30"; ISIP:1239#/45"; FFP:132-143#/30"; FSIP:1228#/45".

DST #2 from 3488' to 3535' (Toronto). Recovered 120' of gas in pipe, 135' of oil cut watery mud, & 420' of oil cut muddy water (3% gas, 35% mud, 13% oil & 49% water). IFP:132-197#/30"; ISIP:1164#/45"; FFP:274-296#/30"; FSIP:1142#/45".

ST #3 from 3531' to 3553' (Top zone). Recovered 40' of oil spotted muddy water & 1980' of oil potted water (4% oil, 6% mud, & 90% water). IFP:623-883#/15"; ISIP:1250#/30"; FFP:1002-1078#/15"; FSIP:1250#/30".

ST #4 from 3557' to 3580' (50' zone). Recovered 20' of gas in pipe, 60' of oil, and 780' of oil potted muddy water. IFP:77-241#/30"; ISIP:1207#/30"; FFP:246-373#/30"; FSIP:1207#/30".

ST #5 from 3649' to 3706' (140', 160', & 180' zones). Recovered 20' of mud with show of oil in tool. IFP:77-77#/30"; ISIP:329#/30"; FFP:77-88#/30"; FSIP:164#/30".

Name	Top	Bottom
Anhydrite	1939'	(+ 348)
B/Anhydrite	1970'	(+ 317)
Topeka	3264'	(- 977)
Heebner	3499'	(-1212)
Toronto	3524'	(-1237)
Lansing	3540'	(-1253)
B/KC	3732'	(-1444)
Congl. Sand	3783'	(-1496)
Dolomitic sand	3832'	(-1545)
Arbuckle	3841'	(-1554)
LTD	3852'	(-1565)

RELEASED
 MAY 23 1986
 FROM CONFIDENTIAL
 523-80

(Continued on next 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 1/4"	8-5/8"	24#	252'	quickset	180	--
Production	7-7/8"	4 1/2"	10.5#	3849'	60/40 pozmix	175	10% salt, 20 bbls. of 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
3 SSB jets	3784 1/2' - 3788'			Acidized w/500 gal. of 15%MCA			3784 1/2-88
2 SSB jets	3471 1/2' - 3473'			Acidized w/500 gal. of 28%			3471 1/2-73
2 SSB jets	3459' - 3464'			Acidized w/500 gal. of 28%			3459.-64
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)						
12/06/84							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
25.00 Bbls		MCF	75%	Bbls	CFPB		

Disposition of gas: vented
 sold
 used on lease

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

PRODUCTION INTERVAL

East
West

SIDE TWO (Page Two)

ACO-1 WELL HISTORY (E)
SEC. 18 TWP. 6S RGE. 22 (WX)

OPERATOR A. Scott Ritchie LEASE NAME Frazey #2

SEC. 18 TWP. 6S RGE. 22 (WX)

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 3701' to 3737' (200' & 220' zones). Recovered 20' of mud, no show of oil. IFP:77-77#/30"; ISIP:88#/30"; FFP:77-77#/30"; FSIP:77#/30".</p> <p>DST #7 from 3732' to 3797' (Conglomerate sand). Recovered 60' of oil spotted watery mud and 75' of oil spotted mud (4% oil, 72% mud, & 24% water). IFP:88-88#/30"; ISIP:1164#/45"; FFP:132-143#/30"; FSIP:1121#/45".</p>				

RELEASED
MAY 23 1980
FROM CONFIDENTIAL
5-23-86

RECEIVED
STATE CORPORATION COMMISSION
DEC 18 1984
CONSERVATION DIVISION
Wichita, Kansas

JAN 2 1985
State Geological Survey
Wichita, Kansas