

TIGHT

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 # 5313
Name F & M OIL CO., INC.
Address 422 Union Center
Wichita, Kansas 67202
City/State/Zip

Purchaser Koch Oil Company
Box 2256, Wichita, Ks. 67201

Operator Contact Person R. D. Messinger
Phone (316) 262-2636

Contractor: License # 5103
Name Union Drilling Co., Inc.

Wellsite Geologist Bob Gebhart
Phone (316) 267-7209

Designate Type of Completion

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

If OWMO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

- Mud Rotary Air Rotary Cable

2-23-85 3-4-85 5-23-85
Spud Date Date Reached TD Completion Date
4110' 4055'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 652 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- 165-21,286-0000
County Rush
SE SE SW Sec. 30 Twp. 16S Rge. 20W East West

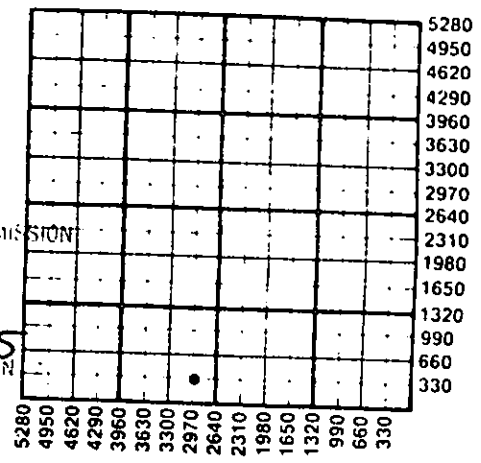
330 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Peer "B" Well # 1

Field Name Unknown Peer

Producing Formation Cherokee Sand

Elevation: Ground 2174' KB 2184'
Section Plat



RECEIVED
STATE CORPORATION COMMISSION
JUN 13 1985
06-14-85
CONS. DIVISION
Wichita Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717
Source of Water: Hauled from farmers pond.
Division of Water Resources Permit #

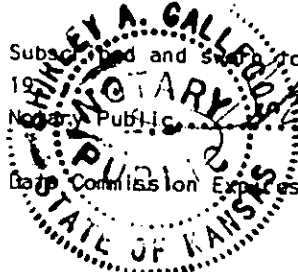
- Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West
- Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge East West
- Other (explain) (purchased from city, R.W.D. #)

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 R. D. Messinger
Title R. D. Messinger - Vice-President Date

Subscribed and sworn to before me this day of
Notary Public Shirley A. Gallegos
Date Commission Expires 12-24-88



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. 20 Twp. 16 Rge. 20W

15.165-21286-0000

SIDE TWO

Operator Name F & M OIL CO., INC. Lease Name Peer "B" Well # 1

Sec. 30 Twp. 16S Rge. 20W East West County Rush

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 3990-4015', Ft. Scott
 30-60-05, stg blow thruout, rec 1440' MW, IFP 183-604#, ISIP 972#, FFP 660-669#, no final shut in pressure, BHT 120°, pit chl. 49,000 ppm, DST chl. 35,000 ppm.

DST#2 4022-37', Cherokee Sand
 30-60-30-60, wk to gd blow thruout, rec 260' GIP, 190' gsy oil, 90' SO&MCW, corrected gravity 45°, pit chl. 49,000 ppm, DST chl. 35,000 ppm, IFP 64-91#, ISIP 898#, FFP 109-146#, FSIP 889#.

Toronto 3558 (-1374)
 Lansing 3582 (-1398)
 B/KC 3868 (-1684)
 Pawnee 3934 (-1750)
 Ft. Scott 4008 (-1824)
 Cherokee Shale 4021 (-1837)
 Cherokee Sand 4025 (-1841)
 Conglomerate 4032 (-1848)
 Arbuckle 4090 (-1906)

Name	Top	Bottom
Sample Tops:		
Anhydrite	1443(+ 741)	
B/Anhydrite	1477(+ 707)	
Topeka	3250(-1066)	
Heebner	3544(-1360)	
Toronto	3566(-1382)	
Lansing	3586(-1402)	
B/KC	3864(-1680)	
Pawnee	3935(-1751)	
Ft. Scott	4009(-1825)	
Cherokee Shale	4023(-1839)	
Cherokee Sand	4028(-1844)	
Conglomerate	4037(-1853)	
Arbuckle	4092(-1908)	
RTD	4110(-1926)	
Electric Log Tops:		
Anhydrite	1440(+ 744)	
B/Anhydrite	1473(+ 711)	
Topeka	3247(-1063)	
Heebner	3540(-1356)	

CONFIDENTIAL

LTD 4109 (-1925) CASING RECORD New 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	Percent Additives
Surface	12 1/2"	8-5/8"	24#	652'	common	175	
Production	7-7/8"	4 1/2"	10.5#	4109'	Sur-fil	100	Thixotropic

RELEASED
 SEP 10 1986

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	4025-29'	250 gals. 15% WVA w/5% servisol.	squeezed w
		150 sxs common cmt	4025-29'
4	4026-28'	250 gals. 15% WVA w/5% servisol.	250 gals
		diesel fuel, 250 gals. 15% A-720	20 bbls
		KCL wtr 2%	4026-28'

TUBING RECORD

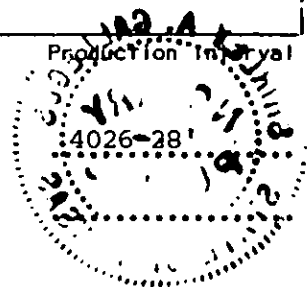
Size 2" Set At 3975' Packer at _____ Liner Run Yes No

Date of First Production 5-23-85 Producing Method Flowing Pumping Gas Lift Other (explain) _____

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
	16	TSTM	7	TSTM	40.5
				CFPB	

METHOD OF COMPLETION

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) _____
 Used on Lease Dually Completed Commingled



GREAT GUNS

Digital Log

R A Guard Log

FILE NO.	COMPANY <u>F E M Oil Co., INC.</u>	OTHER SERVICES
	WELL <u>PEER "B" No. 1</u>	
	FIELD <u>SEMI - WILDCAT</u>	
	COUNTY <u>RUSH</u> STATE <u>KANSAS</u>	
	LOCATION: <u>SE SE SW</u>	
	SEC <u>30</u> TWP <u>16S</u> RGE <u>20W</u>	
Permanent Datum <u>G.L.</u>	Elev. <u>2174</u>	Elevations:
Log Measured from <u>K.B.</u>	<u>10</u> Ft. Above Permanent Datum	KB <u>2184</u>
Drilling Measured from <u>K.B.</u>		DF <u>2181</u>
		GL <u>2174</u>

Date	<u>3-4-85</u>			
Run No.	<u>ONE</u>			
Depth—Driller	<u>4110</u>			
Depth—Logger	<u>4109</u>			
Bottom Logged Interval	<u>4105</u>			
Top Logged Interval	<u>SURF.</u>			
Casing—Driller	<u>898 @ 652</u>	@	@	@
Casing—Logger				
Bit Size	<u>7 7/8</u>			
Type Fluid in Hole	<u>STARCH</u>			
Density and Viscosity	<u>9.9 53</u>			
pH and Fluid Loss	<u>7.0 12.0 cc</u>			
Source of Sample	<u>FLOWLINE</u>			
Rm @ Meas. Temp.	<u>.175 @ 70 °F</u>	@	°F	@ °F
Rmf @ Meas. Temp.	<u>.131 @ 70 °F</u>	@	°F	@ °F
Rmc @ Meas. Temp.	<u>.262 @ 70 °F</u>	@	°F	@ °F
Source of Rmf and Rmc	<u>CHARTS</u>			
Rm @ BHT	<u>.107 @ 114 °F</u>	@	°F	@ °F
Time Since Circ.	<u>2 1/2 HRS</u>			
Max. Rec. Temp. Deg. F.	<u>1140</u> °F		°F	°F
Equip No. and Location	<u>35 HAYS</u>			
Recorded By	<u>D. LEALBITER</u>			
Witnessed By	<u>MR. BARBART</u>			