

TIGHT

SIDE ONE

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 N/A

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 OWNO: old well info as follows:
Operator N/A
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

12-04-84 12-12-84 12-12-84
Spud Date Date Reached TD
3490'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at
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. 15-065-21,276-0000
County Rush
NE SE NE 10 16S 16W East
Sec Twp Rge West

3630'
330'
Ft North from Southeast Corner of Section
Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

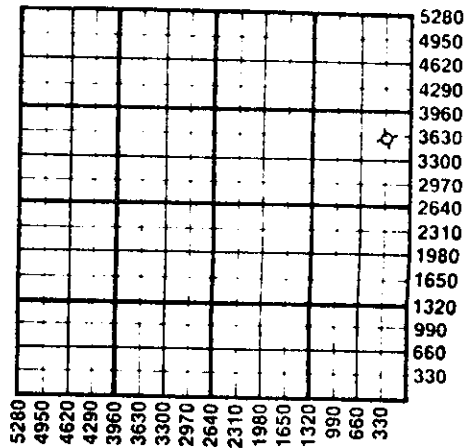
Lease Name Cuthrell "D" Well # 1

Field Name

Producing Formation

Elevation: Ground 1887' KB 1897'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # 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
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

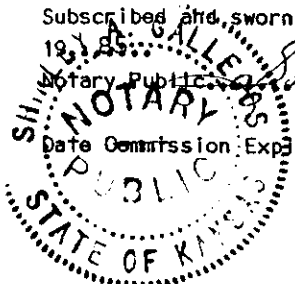
Other (explain) Farmers pond 2 1/2 miles NE of location
(purchased from city, R.W.D. #)

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 1-3-85

Subscribed and sworn to before me this 3rd day of January 1985
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 10 Twp 16Rge 16W

15-165-21276-0008

SIDE TWO

Operator Name F. & M. OIL CO., INC. Lease Name Cuthrell "D" Well # 1

Sec. 10 Twp. 16S Rge. 16W 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

0 625 Sand
 625 995 Red Bed
 995 1195 Red Bed & Shale
 1195 1557 Shale
 1557 3490 Lime & Shale
 3490 RTD

Name	Top	Bottom
<u>Sample Tops:</u>		
Anhydrite	990(+ 897)	
B/Anhydrite	1028(+ 859)	
Howard	2828(- 941)	
Topeka	2891(-1005)	
Heebner	3120(-1233)	
Toronto	3138(-1251)	
Lansing	3178(-1291)	
B/KC	3389(-1502)	
Conglomerate	3419(-1532)	
RTD	3490(-1603)	

DST#1 2879-2910', Topeka
 30-30-30-30, wk blow died in 10" on 1st opn, flushed tool on 2nd opn, no help, rec 10' mud, IFP 42-42#, ISIP 42#, FFP 42-42#, FSIP 42#, BHT 88°.

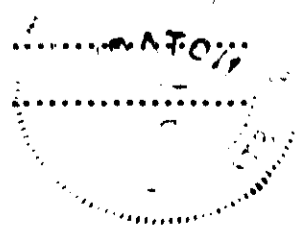
Name	Top	Bottom
<u>Electric Log Tops:</u>		
Anhydrite	990(+ 897)	
B/Anhydrite	1020(+ 867)	
Howard	2822(- 935)	
Topeka	2886(- 999)	
Heebner	3114(-1227)	
Toronto	3132(-1245)	
Lansing	3172(-1285)	

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#	992'	Pozmix Common	275 150	60/40 2% gel, 3% CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			Depth
				RELEASED			
				JUN 05 1986			
TUBING RECORD				FROM CONFIDENTIAL			
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: vented Open Well Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed Commingled



ACO-1 WELL HISTORY

PAGE 2 (Side One)

OPERATOR F & M OIL CO., INC. LEASE NAME Cuthrell "D"
 WELL NO. 1

(E)
 SEC 10 TWP 16S RGE 16W (W)

FILL IN WELL INFORMATION 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 & Shut-in pressures, and recoveries.

Show Geological markers, logs run, or Other Descriptive information.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
			Electric Log Tops: Cont.	
			B/KC	3383 (-1496)
			Conglomerate	3412 (-1525)
			LTD	3486 (-1599)

RELEASED

JUN 05 1986

FROM CONFIDENTIAL

RECEIVED
 STATE CORPORATION COMMISSION

JAN 07 1985

CONSERVATION DIVISION
 Wichita, Kansas

MAY 30 1985

SURVEY
 BRANCH

JAN 9 1985

CONFIDENTIAL

State Geological Survey

WICHITA, KANSAS