

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
City/State/Zip Wicita, Kansas 67202

Purchaser None

Operator Contact Person Ronald S. Schraeder
Phone (316) 262-2636

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

Wellsite Geologist Phil Askey
Phone (316) 262-2636

Designate Type of Completion

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

If OWMG: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

- Mud Rotary Air Rotary Cable

11-12-85 11-22-85 11-22-85
Spud Date Date Reached TD Completion Date
4360' PBD
Total Depth

Amount of Surface Pipe Set and Cemented at 371 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. 15-151-21,684-00-00

County Pratt

NW NE NW Sec. 22 Twp. 26S Rge. 14W East West

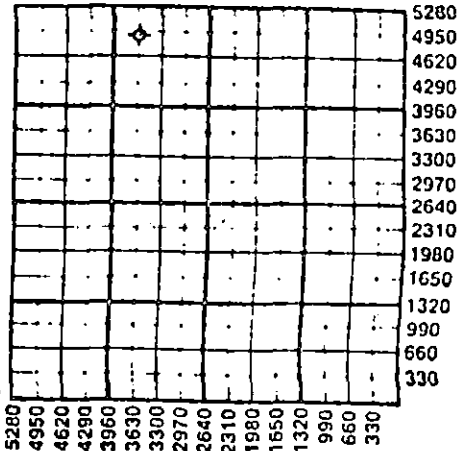
4950 Ft North from Southeast Corner of Section
3630 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Lundgrin "A" Well # 1

Field Name Unknown

Producing Formation None

Elevation: Ground 1989' KB 1999'
Section Plat



TIGHT HOLE

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:
Division of Water Resources Permit # T-85-974

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

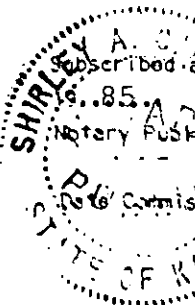
Other (explain) (purchased from city, R.W.D. #)

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 X Ronald S. Schraeder
Title Operations Manager Date 12-20-85

Subscribed and sworn to before me this 20th day of Dec 1985
Notary Public Shirley A. Gallegos
Notary 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)

STATE CORPORATION COMMISSION Form ACO-1 (7-84)

DEC 26 1985

Sec. 22 Twp. 26S Rge. 14W

Operator Name F. & M. OIL CO. INC. Lease Name Lundgrin "A" Well # 1

Sec. 22 Twp. 26S Rge. 14W East West County Pratt

TIGHT HOLE

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 3875-3898', Lans. "B"
 30-30-30-30, wk blow died in 1" on 1st opn,
 wk blow died in 23" on 2nd opn, rec 40' thin
 mud, IFP 45-45#, ISIP 1211#, FFP 45-45#, FSIP
 1211#.

DST#2 4005-4020', Lans. "H"
 30-30-30-30, wk blow died in 20" on 1st opn,
 wk blow died in 10" on 2nd opn, rec 50' thin
 mud w/show of oil on top, IFP 54-45#, ISIP
 1211#, FFP 64-64#, FSIP 1174#.

DST#3 4298-4325', Miss.
 30-45-60-45, stg blow in 6" 1st opn, stg
 blow in 1" on 2nd opn, rec 480' GIP, 160'
 thin gsy mud w/show of oil, IFP 73-64#, ISIP
 238#, FFP 73-73#, FSIP 146#.

Name	Top	Bottom
<u>Electric Log Tops:</u>		
Anhydrite	919 (+1080)	
B/Anhydrite	931 (+1068)	
Heringotn	2078 (- 79)	
Towanda	2205 (- 206)	
Council Grove	2431 (- 432)	
Foraker	2698 (- 699)	
Indian Cave Sd.	2861 (- 862)	
Tarkio	3023 (-1024)	
Emporia	3077 (-1078)	
Bern	3162 (-1163)	
Howard	3234 (-1235)	
Topeka	3317 (-1318)	
Heebner	3672 (-1673)	
Toronto	3688 (-1689)	
Douglas Shale	3711 (-1712)	
Br/Lime	3828 (-1829)	
Lansing	3856 (-1857)	
B/KC	4170 (-2171)	

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"	24#	371'	Common	325	2% gel, 3% CC # flo-seal
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			
				MAR 17 1987			
				FROM CONFIDENTIAL			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
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	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole 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 Lundgrin "A"
 WELL NO. 1

SEC-22 TWP 26S RGE 14W (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
DST#4 4340-4360' Kinderhook Sd. 30-30-30-30, vry wk blow on 1st opn, no blow on 2nd opn, rec 40' mud w/tr of oil, IFP 49-49#, ISIP 49#, FFP 49-49#, FSIP 49#.			Electric Log Marmaton Conglomerate Mississippi Kinderhook Sd. LTD. RTD	Tops: (Cont.) 4186 (-2187) 4249 (-2250) 4296 (-2297) 4348 (-2349) 4361 (-2362) 4360 (-2361)

~~CONFIDENTIAL~~

DEC 30 1985
 State Geological Survey
 WICHITA BRANCH

TIGHT HOLE

RELEASED
 MAR 17 1987
 FROM CONFIDENTIAL