

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

Operator Contact Person Debra FitzGerald  
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 OWWO: old well info as follows:  
Operator N/A  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

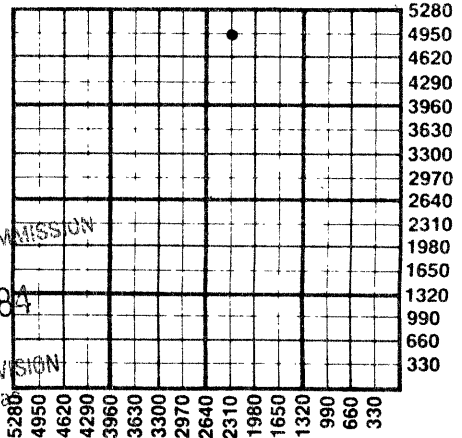
Drilling Method:  Mud Rotary  Air Rotary  Cable  
7-10-84 7-18-84 9-24-84  
Spud Date Date Reached TD Completion Date  
3485' 3456'  
Total Depth PBD  
Amount of Surface Pipe Set and Cemented at 281' w/175 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If Yes, Show Depth Set feet  
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt

API NO. 15- 163-22,429-00-00  
County Rooks  
NW NW NE Sec 1 Twp. 8S Rge. 19W

4950 Ft North from Southeast Corner of Section  
2310 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

Lease Name Hilgers "B" Well# 1  
Field Name ~~Un-Named~~ WEBSTER VIEW  
Producing Formation Arbuckle  
Elevation: Ground 1930' KB 1940'

Section Plat



11-2-84  
RECEIVED  
STATE CORPORATION COMMISSION  
NOV 02 1984  
CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water: 2 1/4 miles East, 1 mile South, 1/4 mile West of location, farmers irrigation well.  
Division of Water Resources Permit #  
 Groundwater... Ft North From Southeast Corner and (Well) Ft. West From Southeast Corner  
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: Shirley A. Gallegos, Vice President, Date: 10-30-84  
Subscribed and sworn to before me this 30th day of October 19 84  
Notary Public: Shirley A. Gallegos, Date Commission Expires: 12-24-84

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. 1 Twp. 8 Rge. 19

SIDE TWO

Operator Name .. F. & M. OIL CO., INC., ..... Lease Name Hilgers. "B" Well# .1. SEC .1... TWP. 8S... RGE. 19W...  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

0 1315 Sand & Redbed  
 1315 1332 Sand  
 1332 1610 Redbed & Shale  
 1610 3485 Lime & Shale  
 3485 RTD

DST#1 3116-3140', Lns "A"

30-30-30-30, vry wk blow 1 1/2 inches on both opns, rec 40' mud, IFP 86-48#, ISIP 994#, FFP 86-38#, FSIP 810#.

DST#2 3195-3220', Lns. "E" & "F"

30-30-30-30, vry wk blow 1/4 inch on both opns, rec 90' SW, IFP 57-38#, ISIP 1003#, FFP 67-57#, FSIP 945#.

DST#3 3295-3340', Lns. "J" & "K"

30-30-30-30, wk blow died in 9" on 1st opn, no blow on 2nd opn, rec 5' OCM, IFP 48-28#, ISIP 48#, FFP 38-28#, FSIP 38#.

DST#4 3384-3410', Cong. Sd.

30-30-55-30, vry wk blow on 1st opn, wk blow died in 10" on 2nd opn, rec 15' mud w/oil spts, IFP 57-28#, ISIP 665#, FFP 57-28#, FSIP 453#.

DST#5 3427-3445', Arbuckle

30-45-30-45, stg blow in 4" on 1st opn, stg blow in 2" on 2nd opn, rec 560' GIP, 500' clean gsy oil, grav. 37°, IFP 86-126#, ISIP 926#, FFP 183-202#, FSIP 907#.

DST#6 3445-3460', Arbuckle, Miss-run

30-45-30-45, gd blow 8 inches that died to no blow on 1st opn, wk blow died in 3" after flushing tool on 2nd opn, rec 75' mud, all press. plugged, tool slid 15'.

Formation Description  
 Log  Sample

Name	Top	Bottom
<u>Sample Tops:</u>		
Anhydrite	1376(+ 564)	
B/Anhydrite	1410(+ 530)	
Topeka	2877(- 937)	
Heebner	3084(-1144)	
	3108(-1168)	
Lansing	3128(-1188)	
B/KC	3348(-1408)	
Arbuckle	3423(-1483)	
RTD	3485(-1545)	
<u>Electric Log Tops:</u>		
Anhydrite	1375(+ 565)	
B/Anhydrite	1410(+ 530)	
Topeka	2876(- 936)	
Heebner	3082(-1142)	
Toronto	3107(-1167)	
Lansing	3122(-1182)	
B/KC	3346(-1406)	
Conglomerate Sd	3394(-1454)	
Arbuckle	3412(-1472)	
LTD	3485(-1545)	

RELEASED

JUN 05 1986

FROM CONFIDENTIAL

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"	20#	281'	Common	175	2% gel, 3% CC
Production	7-7/8"	5 1/2"	15.5#	3481'	Sur-fil	100	500 gals BJ mud sweep
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	3432-3434'			300 gals. 10% Acetic acid, 250 gals. 15% INS			3432-34'
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing method					
Sept. 1, 1984		<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			
	10 bbls		120 bbls				
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Disposition of gas:  vented  open hole  perforation  
 sold  other (specify) .....  
 used on lease  Dually Completed.  
 Commingled

PRODUCTION INTERVAL

3432-3434'

Date of 1st sales was 9-24-84 to Farmland industries, Inc.