

SIDE TWO

Operator Name F & M OIL CO., INC. Lease Name Mason "B" Well# 1 SEC 31 TWP. 27S 9W. East West South North

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
 Yes No
 Yes No

Samples Sent to Geological Survey

Cores Taken

0	336	Sand & Red Bed
336	570	Red Bed
570	1728	Shale
1728	2010	Shale & Shells
2010	3240	Shale
3240	3325	Shale & Lime
3325	3482	Lime & Shale
3482	4105	Lime
4105	4159	Lime & Shale
4159	4475	Lime
4475		RTD

DST#1 3970-4000', Miss.

30-30-30-30, wk blow died in 6" on 1st opn, flushed tool, no help, wk blow died in 9" on 2nd opn, rec 70' mud, IFP 62-72#, ISIP 173#, FFP 79-108#, FSIP 137#, BHT 106'.

DST#2 4268-4278', Viola

30-45-60-60, wk blow thruout, 2-3 inches into wtr, rec 150' WM w/a trace of oil, IFP 21-28#, ISIP 1260#, FFP 50-72#, FSIP 1224#.

DST#3 4344-4355', Simp. Sd.

30-45-60-45, vry wk blow on 1st opn, 1 inch into wtr, no blow on 2nd opn, flushed tool, vry wk blow thruout, rec 140' WM, IFP 21-28#, ISIP 1468#, FFP 50-72#, FSIP 1410#, pit chl. 43,000 ppm, DST chl. 65,000 ppm.

DST#4 1544-1554', Krider, hookwall straddle test

30-45-30-45, stg blow, GTS in 28", 1st opn on a 3/4" orifice in 30" 54,500 CFG, 2nd opn on a 3/4" orifice in 10" 52,700 CFG, 20" 54,500 CFG, 30" 54,500 CFG, rec 220' G&MCW, IFP 60-80#, ISIP 544#, FFP 141-180#, FSIP 544#.

Formation Description

Log Sample

Name	Top	Bottom
<u>Sample Tops:</u>		
Cottonwood	2043 (- 390)	
Red Eagle	2167 (- 514)	
Indian Cave	2300 (- 647)	
Stotler	2487 (- 834)	
Tarkio	2565 (- 912)	
Howard	2745 (-1092)	
Topeka	2919 (-1266)	
Heebner	3240 (-1587)	
Br/Lime	3426 (-1773)	
Lansing	3435 (-1782)	
B/KC	3850 (-2197)	
Cherokee	3966 (-2313)	
Mississippi	3983 (-2330)	
Kinderhook	4069 (-2416)	
Viola	4275 (-2622)	
Simpson Shale	4345 (-2692)	
Simpson Sand	4352 (-2699)	
Arbuckle	4448 (-2785)	
RTD	4475 (-2822)	

Electric Log Tops:

Herington	1523 (+ 130)
Krider	1536 (+ 117)
Winfield	1576 (+ 77)
Cottonwood	2038 (- 385)
Red Eagle	2167 (- 514)
Indian Cave	2298 (- 645)
Stotler	2486 (- 833)
Tarkio	2562 (- 909)
Howard	2740 (-1087)
Topeka	2924 (-1271)
Heebner	3239 (-1586)
Br/Lime	3424 (-1771)

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
Surface	12 1/4"	8-5/8"	20#	333'	pozmix	275
Production	7-7/8"	4 1/2"	10.5#	1752'	Sur-fil	75

PERFORATION RECORD			Acid, Fracture, Shot, Cement Squeeze Record		Depth
shots per foot	specify footage of each interval perforated		(amount and kind of material used)		
4	1547-1548'		250 gals 15% WWA w/alcohol phase		1547-48'

TUBING RECORD size 2" set at 1578' packer at none				Liner Run	<input type="checkbox"/> Yes <input checked="" 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 Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity CFPB

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION

open hole perforation
 other (specify)

Dually Completed.
 Cummiled

PRODUCTION INTERVAL

1547-48' T04

31-27-9W

ACO-1 WELL HISTORY

PAGE TWO (Side Two)

INSTRUCTIONS FOR FILING ACO-1 WELL HISTORY FORMS

When to File - Number of Copies

PLEASE FILL OUT ALL INFORMATION. IF INFORMATION IS NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

ACO-1 Well history forms are required on all wells, regardless of how completed.
(Rule 82-3-130)

PRODUCING AND TEMPORARILY ABANDONED WELLS:
(File 2 copies)

OIL WELLS: An oil well shall be considered completed when the first new oil is produced through well head equipment into lease tanks from the producing interval after the production string has been run. For information regarding oil wells, contact Tom Leiker or Elisabeth Wannow.

GAS WELLS: A gas well shall be considered completed when the well is capable of producing gas through well head equipment from the producing zone after the production string has been run. Shut-in gas wells also require 2 copies. For information regarding gas wells, contact Richard Smith or Jim Hemmen.

TEMPORARILY ABANDONED WELLS: For information, contact Duane Rankin.

REQUESTING CONFIDENTIALITY:

Only 1 (ONE) copy of the ACO-1 should be filed with a letter attached for each well on which information is to be held confidential. ALL of the information should be completed on the form. Only information on Side One will be of public record. Side Two will be held confidential. On wells which are Docketed, confidentiality is waived. Plugging forms CP-1 and CP-4 cannot be held confidential.

To order additional forms or request information, call (316) 263-3238.

PLEASE KEEP THIS SHEET FOR REFERENCE.

WP-PL-12

CONFIDENTIAL

ACO-1 WELL HISTORY

PAGE 2 (Side One)

OPERATOR F & M OIL CO., INC. CASE NAME Mason "B"

WELL NO. 1

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.

SEC 31 TWP 27S RGE 9W (W)

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

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST#5 1521-1531!, Herington, hookwall 30-30-30, wk blow died in 16", rec 5' mud, IFP 62-62#, ISIP 62#, FFP 62-62#, FSIP 62#.	straddle test		Electric Log Tops: Cont. Lansing B/KC Cherokee Shale Mississippi Kinderhook Viola Simpson Shale Simpson Sand Arbuckle LTD	3433 (-1880) 3848 (-2195) 3965 (-2312) 3984 (-2331) 4068 (-2415) 4276 (-2632) 4346 (-2693) 4355 (-2702) 4448 (-2795) 4477 (-2824)

MAP 26 1965
State Geological Survey
WICHITA BRANCH