

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 Bob Gebhart
Phone (316)267-7209

PURCHASER: Shut in gas well

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas (Shut in) Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

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
9-25-84 10-7-84 Shut in
Spud Date Date Reached TD Completion Date
4475' 1690'
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 333' w/275 feet
Multiple Stage Cementing Collar Used? Yes No
If Yes, Show Depth Set feet

Alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

API NO. 15 - 095-21,491-0000
County Kingman
50' W of SW NE NW Sec 31 Twp 27S Rge 9W East West

(location) 4290' Ft North from Southeast Corner of Section
3630' Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

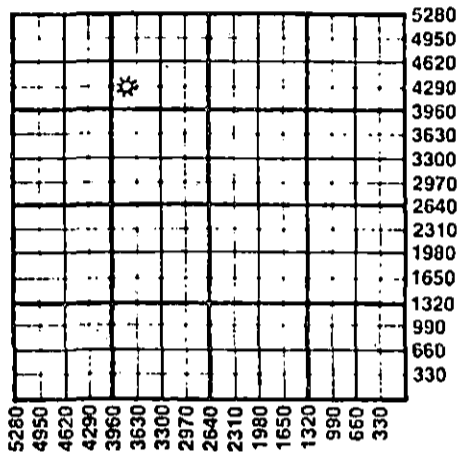
Lease Name Mason "B" Well# 1

Field Name Unnamed MASON

Producing Formation Krider

Elevation: Ground 1641' KB 1653'

Section Plat



WATER SUPPLY INFORMATION

Source of Water: Pumped from pond 300 yards NE of location.
Division of Water Resources Permit #

Groundwater. Ft North From Southeast Corner and (Well) Ft. West From Southeast Corner of Sec Twp Rge East West

Surface Water. Ft North From Southeast Corner and (Stream, Pond etc.) Ft West From Southeast Corner of 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 or 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.

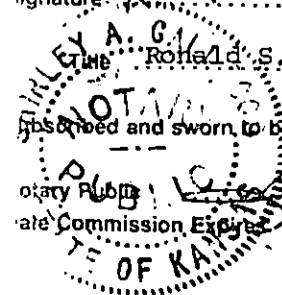
All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Ronald S. Schraeder/Operations Manager Date: 3-7-85

Subscribed and sworn to before me this 7th day of March 19 85
Notary Public: Shirley A. Gallegos
Notary Commission Expires: 12-24-88

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time log Received
Distribution
 KCC
 KGS
 SWD/Rep
 NGPA
 Other (Specify)
JUL 29 1987

Form ACO-1 (7-84)
CONSERVATION DIVISION
Wichita, Kansas
7-29-1987



Sec. 31, Twp. 27, Rge. 9W

SIDE TWO

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

Formation Description
 Log Sample

0 336 Sand & Red Bed
 336 570 Red Bed
 570 1728 Shale
 728 2010 Shale & Shells
 010 3240 Shale
 240 3325 Shale & Lime
 325 3482 Lime & Shale
 482 4105 Lime
 105 4159 Lime & Shale
 159 4475 Lime
 475 RTD

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)	

ST#1 3970-4000', Miss.

0-30-30-30, wk blow died in 6" on 1st opn, flushed tool, help, wk blow died in 9" on 2nd opn, rec 70' mud, IFP 2-72#, ISIP 173#, FFP 79-108#, FSIP 137#, BHT 106°.

ST#2 4268-4278', Viola

0-45-60-60, wk blow thruout, 2-3 inches into wtr, rec 50' WM w/a trace of oil, IFP 21-28#, ISIP 1260#, FFP 0-72#, FSIP 1224#.

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

0-45-60-45, vry wk blow on 1st opn, 1 inch into wtr, blow on 2nd opn, flushed tool, vry wk blow thruout, rec 140' WM, IFP 21-28#, ISIP 1468#, FFP 50-72#, FSIP 410#, pit chl. 43,000 ppm, DST chl. 65,000 ppm.

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

0-45-30-45, 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 20" 52,700 CFG, 20" 54,500 CFG, 30" 54,500 CFG, rec 20' G&MCW, IFP 60-80#, ISIP 544#, FFP 141-180#, FSIP 14#.

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 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	type and percent additives
Surface	12 1/4"	8-5/8"	20#	333'	pozmix	275	60/40, 2% gel, 3% CC
Production	7-7/8"	4 1/2"	10.5#	1752'	sur-fil	75	500 gals mud flush

PERFORATION RECORD

shots per foot	specify footage of each interval perforated
4	1547-1548'

Acid, Fracture, Shot, Cement Squeeze Record

(amount and kind of material used)	Depth
250 gals 15% WWA w/alcohol phase	1547-48'

TUBING RECORD size 2" set at 1578' packer at none Liner Run Yes No

Date of First Production _____ Producing method flowing pumping gas lift Other (explain) _____

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	Bbls	MCF	Bbls		

METHOD OF COMPLETION

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

RECEIVED
 JUL 29 1987
 PRODUCTION INTERVAL
 1547-48'

CONSERVATION DIVISION
 Wichita, Kansas

ACO-1 WELL HISTORY

PAGE 2 (Side One)
 OPERATOR F & M OIL CO., INCREASE NAME Mason "B".

SEC. 31 TWP 27S RGE 9W (E)
 (W)

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.

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

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST#5 1521-1531', Herington, hookwall 30-30-30-30, 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)

RECEIVED
 STATE CORPORATION COMMISSION

JUL 29 1987

CONSERVATION DIVISION
 Wichita, Kansas