

RELEASED

SIDE ONE

318185 4/11
4-11-86
CONFIDENTIAL. kcc

Date: MAY 1 1985
KANSAS 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.

Well Site 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 Com
☐ Dry ☐ Other (Core, Water Supply etc.)

If VWO: 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 1-11-85
Spud Date Date Reached TD Completion Date

4475' 1690'
Total Depth PBTD

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

If alternate 2 completion, cement circulated
from feet depth w/ SX cmt

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

API NO. 15 095-21,491
County Kingman
50' W of SW NE NW Sec 31 27S 9W East
(location) 4290' Ft North from Southeast Corner of Section
3630' Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

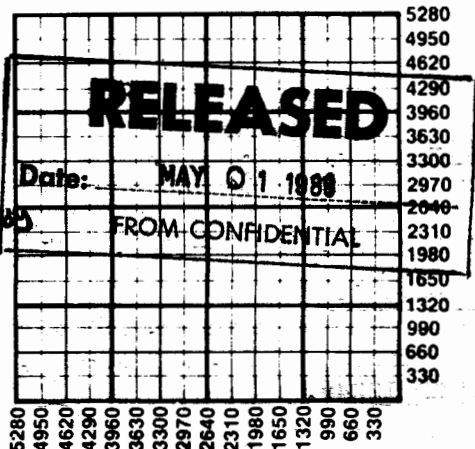
Lease Name Mason "B" Well# 1

Field Name Unnamed

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
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: Ronald S. Schraeder
Date: 3-7-85
Manager
Shirley A. Gallegos
Date: 12-24-88

CONSERVATION DIVISION
Wichita, Kansas

MAR 08 1985

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)

Form ACO-1 (7-84)

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 stems 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

Samples Sent to Geological Survey
Cores Taken☒ Yes ☐ No
☒ Yes ☐ No
☐ Yes ☒ No

Formation Description

☒ Log ☒ Sample

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#.

Name

Sample Tops:

	Top	Bottom
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

☒ 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

shots per foot	specify footage of each interval perforated	Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)	Depth
4	1547-1548'	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

CFPB

METHOD OF COMPLETION

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

PRODUCTION INTERVAL

31-27-9W

PAGE TWO (Side Two)

ACO-1 WELL HISTORY

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-M-12

CONFIDENTIAL

ACO-1 WELL HISTORY

PAGE 2 (Side One)
 OPERATOR F & M OIL CO., INC. LEASE NAME Mason "B"
 WELL NO. 1

SEC 31 TWP 27S RGE 9W (S)
 (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#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)

MAR 26 1955
 State Geological Survey
 WICHITA BRANCH