

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 Wichita, Kansas 67202.....

Purchaser.....N/A.....
.....

Operator Contact Person R. D. Messinger.....
Phone(316) 262-2636.....

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

Wellsite Geologist.....Bob Gebhart.....
Phone.....(316) 267-7209.....

Designate Type of Completion

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

If OWNED: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth.....

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

.....8-6-85.....8-17-85.....8-17-85.....
.....ud Date.....Date Reached TD.....Completion Date.....

.....4210.....
.....Total Depth.....PBTD

Amount of Surface Pipe Set and Cemented at.....423.....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-.....185-22,264.....

County.....Stafford.....

..NE..SW..SE... Sec..21 Twp..24S Rge..13W ☐ East ☒ West

....290... Ft North from Southeast Corner of Section
....1650... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

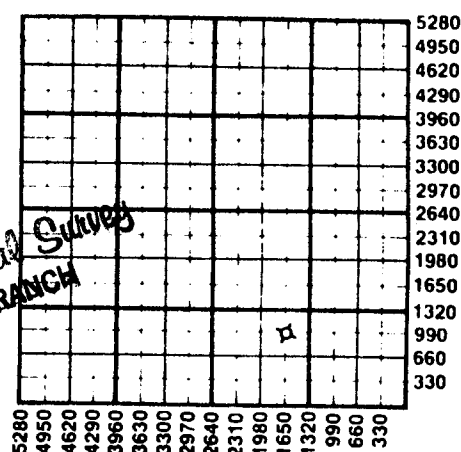
Lease Name.....Kachelman "B".....Well #.....1.....

Field Name.....Unknown.....

Producing Formation.....N/A.....

Elevation: Ground.....1924'.....KB.....1934'.....

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: ☐ Disposal
Docket # ☐ Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:

Division of Water Resources Permit #.....T-85-709.....

☐ 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.

SIDE TWO

Operator Name F & M OIL CO., INC. Lease Name..... Kachelman "B" Well #..... 1

Sec..... 21 Twp..... 24S Rge..... 13W ☐ East ☒ West County..... Stafford

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 3631-3675', Miss run

DST#2 3631-3675',
 30-45-30-45, Stg blow built to btm of bucket in 6"
 on both opns, rec 860' GIP, 16' GOCM, 125' O&GCM,
 IFP 77-44#, ISIP 1133#, FFP 88-66#, FSIP 1046#, both
 SIP's still bldg.

DST#3 3812-3855', Lans "J" & "K" zones
 30-45-60-60, stg blow off btm of bucket in 1 1/2",
 rec gas to surface in 73", 2nd flow took 10" readings,
 1st 10" gauged 12,000 CFG, 20" 10,000 CFG, 30"
 10,000 CFG, 40" 10,000 CFG, 50" 10,000 CFG, 60"
 10,000 CFG, gas gauged thru 3/8" choke, rec 75' GCM,
 IFP 66-33#, ISIP 530#, FFP 66-33#, FSIP 475#, no
 btm hole press's.

Name	Top	Bottom
Electric Log Tops:		
Anhydrite	784(+1150)	
B/Anhydrite	804(+1130)	
Herington	1869(+ 65)	
Krider	1890(+ 44)	
Winfield	1923(+ 11)	
Towanda	1959(- 25)	
B/Florence	2125(- 191)	
Wreford	2182(- 248)	
Crouse	2248(- 314)	
Neva	2404(- 470)	
Red Eagle	2492(- 558)	
Admire	2598(- 664)	
Wabaunsee	2671(- 737)	
Stotler	2790(- 856)	
Tarkio	2850(- 916)	
Howard	3004(-1070)	
Topeka	3098(-1164)	
Heebner	3428(-1494)	

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 1/2"....	...8-5/8"....	...24#.....	...423'....	...common..	...300..	...2% gel...3% CC
.....							
.....							

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
.....			
.....			
.....			
.....			

TUBING RECORD Size Set At Packer at Liner Run ☐ Yes ☐ No

Date of First Production Producing Method

P1

ACO-1 WELL HISTORY

PAGE 2 (Side One)

OPERATOR & M OIL CO., INCREASE NAME Kachelman "B"

WELL NO. 1

SEC 21 TWP 24S RGE 13W (E)
(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 4152-4160', 30-45-60-60, gd blow off btm of bucket in 29" on 1st opn, fr blow 8 inches into wtr on 2nd opn, rec 75' SO&GCMW, 480' SGCW w/trace of oil, total fluid 555', IFP 44-88#, ISIP 1397#, FFP 165-254#, FSIP 1408#, pit chl. 51,000 ppm, DST chl. 22,000 ppm.			Sample Tops: (Cont) Toronto Douglas Br/Lime Lansing B/KC Conglomerate Viola Simpson Shale Simpson Sand Arbuckle LTD RTD	3446(-1512) 3465(-1531) 3578(-1644) 3592(-1658) 3862(-1928) 3918(-1984) 3992(-2058) 4101(-2167) 4113(-2179) 4146(-2212) 4210(-2276) 4210(-2276)

SEP 8 3 1925

State Geological Survey
WICHITA BRANCH