

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

S

API NO. 15-.....151-21,748-00-00.....

County.....Pratt.....

.....NE SE SW Sec. 9 Twp 26S Rge 14W East
.....XX West

Operator: License # 5313
Name F & M OIL CO. INC.
Address 422 Union Center
City/State/Zip Wichita, Ks. 67202

.....990 Ft North from Southeast Corner of Section
.....2970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser.....NA.....

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

Operator Contact Person Ronald S. Schraeder
Phone (316)262-2636

Field Name.....Unnamed Byers Townsite.....

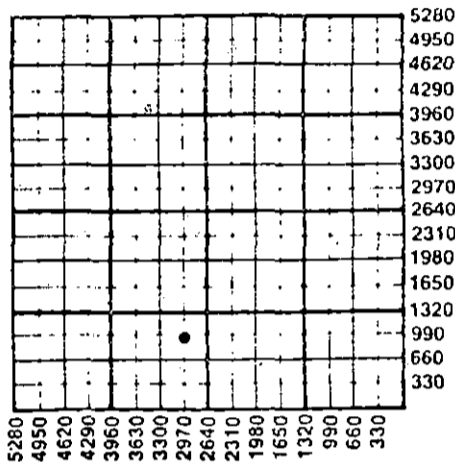
Producing Formation.....Kinderhook.....

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

Elevation: Ground.....2006'.....KB.....2016'

Wellsite Geologist Phil Askey
Phone (316)262-2636

Section Plat



Designate Type of Completion
 New Well Re-Entry Workover

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

If OWO: old well info as follows:
Operator.....
Well Name.....
Comp. Date.....Old Total Depth.....

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # D-20,775 Repressuring

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
3-29-86 4-11-86 7-30-86
Spud Date Date Reached TD Completion Date
4575' 4535'
Total Depth PBD

TIGHT HOLE

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water: T-86-21
Division of Water Resources Permit #.....

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. #)

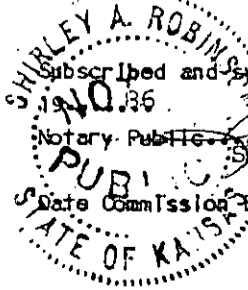
Amount of Surface Pipe Set and Cemented at 416 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from.....feet depth to.....w/.....SX cmt
Cement Company Name.....
Invoice #.....

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.

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
Title Operations Manager Date 8-4-86

Subscribed and sworn to before me this 4th day of August 1986
Notary Public Shirley A. Robinson
Date Commission Expires 12-24-88



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 9 Twp 26S Rge 14W

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

Sec..... 9 Twp..... 26S Rge..... 14W East West County..... Pratt

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 3854-64', Top Lans.
 30-45-30-45, weak blow 1/2 inch on 1st opn, no blow on 2nd opn, rec 45' MCW, IFP 42-42#, ISIP 1112#, FFP 52-52#, FSIP 1070#.

DST#2 3871-90', Lans. 30' zone
 30-45-30-45, wk blow 1 inch on 1st opn, wk blow died in 10" on 2nd opn, rec 90' WM, DST chl. 72,000 ppm, pit chl. 38,000 ppm, IFP 52-52#, ISIP 1175#, FFP 94-94#, FSIP 1060#.

DST#3 3988-4000', Lans. 140' zone
 30-45-60-45, stg blow in 15" on both opns, rec 1400' GIP, 120' O&GCM, DST chl. 62,000 ppm, pit chl. 38,000 ppm, IFP 52-52#, ISIP 924#, FFP 63-63#, FSIP 850#.

Name	Top	Bottom
<u>Electric Log Tops:</u>		
Anhydrite	933(+1083)	
B/Anhydrite	944(+1072)	
Herington	2087(- 71)	
B/Florence	2354(- 338)	
Indian Cave Sand	2870(- 854)	
Tarkio	3029(-1013)	
Howard	3237(-1221)	
Topeka	3327(-1311)	
Heebner	3671(-1655)	
Toronto	3688(-1672)	
Douglas Shale	3710(-1694)	
Br/Lime	3822(-1806)	
Lansing	3851(-1835)	
B/KC	4150(-2134)	
Marmaton	4176(-2160)	
Mississippi	4248(-2232)	
Kinderhook Sand	4274(-2258)	
Viola	4337(-2321)	

RELEASED

SEP 22 1988

NOON TODAY

FROM CONFIDENTIAL 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"	24#	416'	pozmix	225	60/40, 2% gel, 3%cc
Production	7-7/8"	4 1/2"		4574'	Allied	200	Special, 80 bbls w/l sx desco, 750 gals. mud flush CFR-2

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	4276-80'	500 gals. 15% WVA w/iron sequestering agent added.	4276-80'
		19,000# 20/40 sand, 470 bbls gel. wtr. 129 bbls 2% KCL wtr	

TUBING RECORD Size 2-3/8" Set At 4266' 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 Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
	17	172 MCFD	14	10,117 CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed Commingled

4276-80'
 5119

ACO-1 WELL HISTORY

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

SEC- 9 TWP 26S RGE 14W (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 4010-4150', Lans. "I", "J", "K" & "L" zones 30-60-30-45, wk blow 2 inches on 1st open, wk blow 1 inch on 2nd opn, rec 90' slight GCM w/spks of oil, IFP 126-126#, ISIP 1362#, FFP 157-157#, FSIP 1206#.			Electric Log Tops: (Cont)	
			Simpson Shale	4478 (-2462)
			Simpson Sand	4500 (-2484)
			Arbuckle	4541 (-2525)
			LTD	4574 (-2558)
			RTD	4575 (-2559)
DST#5 4212-4260', Mississippi 30-45-60-60, stg blow in 1" on 1st opn, GTS in 5" on 1st opn, 10" gauged 202 MCF, 20" 175 MCF, 30" 144 MCF, 2nd opn gauged in 10" 81.8 MCF, 20" 64 MCF & stabilized, rec 840' total fluid, 60' mud, 180' heavy O&GCM, 600' heavy O&GCWM, tool slid 4' to btm, IFP 241-262#, ISIP 1414#, FFP 315-336#, FSIP 1227#, btm chart clock stopped, DST chl. 66,000 ppm, pit chl. 46,000 ppm.				
DST#6 4274-4290', Kinderhook Sd 30-45-60-60, stg blow in 1/2" on 1st opn, GTS in 1" on 1st opn, gauged in 10" 260 MCF, 20" 231 MCF, 30" 231 MCF, 2nd opn gauged in 10" 231 MCF, 20,30,40,50 & 60" stabilized @ 231 MCF, rec 40' mud (no show of oil), IFP 105-105#, ISIP 1310#, FFP 105-105#, FSIP 1206#.				

RELEASED
 SEP 22 1988
 FROM CONFIDENTIAL

TIGHT HOLE