

KANSAS

WELL COMPLETION REPORT AND  
DRILLER'S LOG

State Geological Survey  
WICHITA BRANCH

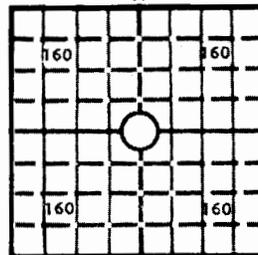
CONFIDENTIAL

S. 16 T. 24S 30W E  
R. W

Loc. C SE NE

County Gray

640 Acres  
N



Locate well correctly

2841

API No. 15 — 069 — 20,118  
County Number

Operator  
F & M OIL CO., INC.

Address  
422 Union Center, Wichita, Ks. 67202

Well No. 1 Lease Name Hall

Footage Location  
feet from (N) (S) line feet from (E) (W) line

Principal Contractor Geologist  
Union Drilling Co., Inc. Benny Singleton

Spud Date Date Completed Total Depth P.B.T.D.  
5-4-81 5-23-81 5103'

Directional Deviation Oil and/or Gas Purchaser

RELEASED

DF KB 2850'

Date: 4/1982

CASING RECORD FROM CONFIDENTIAL

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4"	8-5/8"		492'	common	275	2% gel, 3% CC
Production		4 1/2"		5001'	posmix	175	60/40

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		4852-62'

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1,000 gals 15% non-E, 6,000 gals maude 202 & 1,000 gal non-E	4852-62'

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	bbls.	MCF	bbls.	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)	

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be trans-  
mitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation  
Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note  
Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator F & M OIL CO., INC.

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. 1

Lease Name

Hall

Oil

S 16 T 24 S 30 W E W

**WELL LOG**

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 and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<p>DST#1 4829-70' 30-45-60-60 Fair blow, rec 2600' gas in pipe, 220' clean gassy oil, 180' gassy cut slight muddy oil, hit bridge &amp; both clocks stopped, didn't get any pressures.</p> <p>DST#2 4829-70' 45-60-60-60 Good blow, rec 1600' gas in pipe, 240' clean gassy oil, 60' gassy cut slight muddy oil, 60' heavy oil &amp; gas cut mud, 360' total, IFP's 57-96#, ISIP 1279#, FFP's 106-125#, ESIP 1241#, BHT 1150.</p>			Sample Tops:	
			Heebner	4051 (-1201)
			Toronto	4066 (-1216)
			Lansing	4130 (-1280)
			B/KC	4548 (-1698)
			Pawnee	4634 (-1784)
			Cherokee	4676 (-1826)
			St Gen	4815 (-1965)
			St Louis	4849 (-1999)
			Electric Log Tops:	
			Heebner	4047 (-1197)
			Toronto	4064 (-1214)
			B/KC	4557 (-1707)
			Pawnee	4654 (-1804)
			Cherokee	4699 (-1849)
			St Gen	4843 (-1993)
			St Louis	4860 (-2010)
			C Zone	4963 (-2113)
			RTD	5100
			LTD	5103

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

*E. G. Falkow*  
Signature

President

Title

June 23, 1981

Date

CONTRACTOR'S WELL LOG

OPERATOR:	F & M OIL CO., INC.
CONTRACTOR:	Union Drilling Co., Inc.
LEASE NAME:	#1 Hall
LOCATION:	C SE NE Section 16-24S-30W Gray County, Kansas
COMMENCED:	May 4, 1981
COMPLETED:	May 23, 1981

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0	1110	Redbed	Set 8-5/8" @ 492' w/275 sacks
1110	1475	Shale & shells	common cement 2% gel, 3% CC
1475	1670	Sand	
1670	1804	Lime & shale	
1804	2560	Shale & lime	
2560	5100	Lime & shale	
5100		TD	

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We certify that the above foregoing is a true and correct copy of the log on the #1 Hall, C SE NE Section 16-24S-30W, Gray County, Kansas.

Union Drilling Co., Inc.

*R. D. Messinger*  
R. D. Messinger

STATE OF KANSAS     )  
                                  ) SS  
COUNTY OF SEDGWICK )

Subscribed and sworn to before me, a Notary Public, in and for the aforesaid County and State as of this 3rd day of June, 1981.

My appointment expires:  
12-24-84

*Shirley A. Gallegos*  
Shirley A. Gallegos-Notary Public

