

State Geological Survey
KANSAS DRILLERS LOG
 WICHITA, BRANCH

22-5-23W

S. 22 T. 5 R. 23 ^W

API No. 15 — 137 — 22084
County Number

Loc. SW NE NW

County Norton

Operator
F & M Oil Co.

Address
603 Union Center, Wichita, Kansas 67202

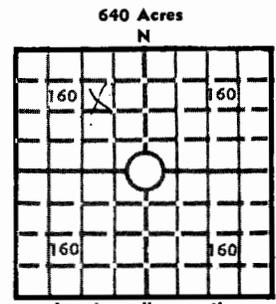
Well No. #1 Lease Name Schaben

Footage Location
990 feet from (N) line 1650 feet from (W) line

Principal Contractor Gabbert-Jones, Inc. Geologist E. A. Falkowski

Spud Date 1-12-73 Total Depth 3710 P.B.T.D.

Date Completed 1-23-73 Oil Purchaser Clear Creek, Inc.



Locate well correctly
 Elev.: Gr. 2167

DF 2169 KB 2172

CASING RECORD

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	12½	8-5/8	32#	311	common	200	2%gel, 3%CC
prod.	12½	5-1/2	14#	3620	Haloolite PD	150	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			16		3405- 09

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8	3410	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production <u>3/3/73</u>		Producing method (flowing, pumping, gas lift, etc.) <u>pump</u>			
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio	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 transmitted 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, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. 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.: **oil**

Well No. **1** Lease Name **Schaben**

S 22 T 5S R 23 ^E/_W

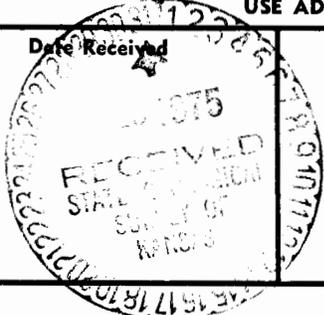
WELL LOG

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
Sand	0	15	Log Tops:	
Hard rock	15	65	Heebner Sh.	3316 (-1144)
Sand-shale	65	315	Toronto	3344 (-1172)
Shale-sand-shells	315	923	Lansing	3358 (-1186)
Sand-shale	923	1804	Arbuckle	3680 (-1508)
Shale-redbed	1804	1805	B/KC	3547 (-1375)
Anhydrite	1805	1837		
Shale	1837	2484		
Shale-lime	2484	2986		
Lime-shale	2986	3375		
Lime	3375	3710		
DST #1: 3350-3400 - misrun				
DST #2: 3375-3400 - 45-30-1 1/2-45, wk incr. to strong blow. Rec. 80' SIP, 180' VMO, 100' VHOcm, 240" wtr, ISIP 1254, FP 85-221, FSIP 1259, temp 103.				
DST #3: 3404-3420, 30-30-45-45. Fair to strong blow. Rec. 60' HOCM, 120' MO, 600' cl gassy oil, No ISIP, FP 63-202, FSIP 951, Temp 96 deg.				
DST #4: 3421-37 (70' zone), 30-30-1 hr-45, good strong blow thruout, Rec. 120' GIP, 60' clean oil, 60' MO, 90' HOCMW, (approx. 40% oil), 270' wtr, ISIP 1271, FP 31-221, FSIP 1255, temp 109 deg.				
DST #5: (10' zone, straddle) 3348-75, 30-30-30-30, wk bl/5", rec. 120' mud ISIP 173, FP 31-86, FSIP 276, temp 105 deg.				
DST #6: 3458-3480, 30-30-60-45, wk bl/60", weak intermittent blow/60", Rec. 100' oil sp. mud, ISIP 1022, FP 23-71, FSIP 1006, temp 108 deg.				
DST #7: 3480-3540, 60-30-60-45, fair blow thruout, rec. 90' GIP, 210' HO&GCM, ISIP 1126, FP 71-110, FSIP 1110, temp 108 deg.				

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



E. A. Falkowski
Signature

E. A. Falkowski, President
Title

Date