

**KANSAS DRILLERS LOG**

API No. 15 — 009 — 21,814  
County Number

Operator  
Graham-Michaelis Corporation

Address  
P. O. Box 247, Wichita, Kansas 67201

Well No. 1-12 Lease Name Peterman

Footage Location  
330' feet from (N) line 2310 FSL; 990 FGL-KCC 1050 feet from (E) line of SE 1/4

Principal Contractor Red Tiger Drilling Co. Geologist Charles B. Spradlin

Spud Date April 18, 1980 Total Depth 3435' P.B.T.D. N/A

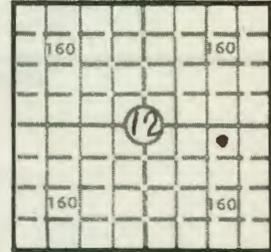
Date Completed May 2, 1980 Oil Purchaser Koch Oil Co.

S. 12 T. 18S R. 12 W

Loc. NW NE SE

County Barton

640 Acres  
N



Locate well correctly

Elev.: Gr. 1836

DF N/A KB 1841

**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
To protect fresh water	12 1/2"	8 5/8"	24#	254'	common	175	2% iell, 3% cal
Production		4 1/2"	10.50#	3437'		150	

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
none					

**TUBING RECORD**

Size	Setting depth	Packer set at	2	3254-3289 overall
2 3/8"	3364.15	none		

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated

**INITIAL PRODUCTION**

Date of first production	Producing method (flowing, pumping, gas lift, etc.) Swab test (5 hrs.)				
RATE OF PRODUCTION PER 24 HOURS	Oil 3 bbls/hr bbls.	Gas MCF bbls.	Water CFPB	Gas-oil ratio	
Disposition of gas (vented, used on lease or sold)			Producing interval (s) 3254-3289 overall		

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.

**PLEASE HOLD INFORMATION TIGHT**

Released  
6/24/80  
JUN 8 0 1980  
State Geological Survey  
WICHITA BRANCH  
CONFIDENTIAL

JUL 1980

Operator Graham-Michaelis Corporation		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1-12	Lease Name Peterman	Oil
S12 T18S R 12 <sup>P</sup> WNW SE SE; Barton County, Kansas		

**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
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Petro-Log  
Radiation Guard Log  
Borehole Compensated Sonic

FORMATION	FROM	TO
Sand	0	80
Sand & Shale	80	255
Hard Sand & Shale	255	375
Shale	375	705
Anhydrite	705	725
Shale	725	1230
Shale & Lime	1230	2740
Lime & Shale	2740	3150
Lime	3150	3190
Lime & Shale	3190	3435
RTD		3435

DST #1 - 3110-3156/60"

Recovered: 20' mud  
IFP: 53-53/30"  
FFP: 53-42/30"  
ISIP: 1065#/45"  
FSIP: 1002#/45"

DST #2 - 3158-3196#/90"

Recovered: 315' muddy water  
IFP: 53-74#  
FFP: 128-181#  
ISIP: 1045#/45"  
FSIP: 1034#/90"

DST #3 - 3248-3306/90"

Recovered: 546' fluid - 126' slightly oil cut mud  
240' oil cut mud  
180' heavy oil cut mud  
IFP: 74-170#/30"  
FFP: 212-265#/60"  
ISIP: 1108#/45"  
FSIP: 1055#/90"

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

Date Received	<p><u>Muril F. C. Jeram</u> Signature</p> <p>Geological Secretary Title</p> <p><u>May 22, 1980</u> Date</p>
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*Please hold information tight*