

KANSAS DRILLERS LOG

API No. 15 — 033 — 20,151
County Number

Operator
Graham-Michaelis Corp.

Address P. O. Box 247 Wichita, Kansas 67201

Well No. #1-5 Lease Name Herd

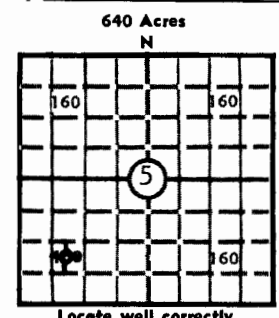
Footage Location
feet from (N) (S) line 990' FWL & 990' FSL of SW/4
feet from (E) (W) line

Principal Contractor Gabbert-Jones, Inc. Geologist Richard K. Grant

Spud Date August 28, 1974 Total Depth 5260' P.B.T.D.

Date Completed Sept. 15, 1974 Oil Purchaser none

S. 5 T. 32 R. 18 ^R/_W
 Loc. C NE SW SW
 County Comanche



Locate well correctly
 Elev.: Gr. 2137'
 DF 2139' KB 2142'

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 supply	12 1/4"	8 5/8"	24#	613'	Litewait Common	250 150	2% cal chl 3% cal chl

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD		
Size	Setting depth	Packer set at
none		

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
none	None

INITIAL PRODUCTION

Date of first production none 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)	
Dry Hole			None	

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: **Graham-Michaelis Corporation** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: **DRY HOLE**

Well No. **1-5** Lease Name **Herd**

S 5 T 32SR 18 E W (C NE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$), Comanche County, Kansas

WELL LOG

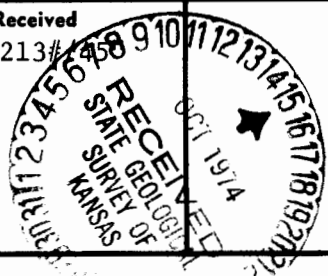
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

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

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Sand	0	215	R.T.D. 5260'	
Shale	215	240		
Redbed	240	1277		
Shale-Shells	1277	1960		
Shale-Lime-Shells	1960	2519		
Shale-Lime	2519	2610		
Broken Lime	2610	2841		
Lime-Shale	2841	3855		
Shale-Lime	3855	3985		
Lime	3985	4279		
Lime-Shale	4279	4615		
Lime	4615	5240		
Lime-Shale	5240	5260		
<p>DRILL STEM TEST #1 5002-60 Open: 30", SI 45", Open 60", SI 45", weak to good blow Rec: 210' gassy mud 180' gassy salt water IFP: 100#-100# FFP: 276#-251# ICIP: 1557#/45" FCIP: 1205#/45" IHP: 2552# FHP: 2539#</p>				
<p>DRILL STEM TEST #2 5146-5205 Open: 20", SI 45", Open 75", SI 45", weak blow Rec: 25' mud, no show of oil FP: 54#-81# ISIP: 217#/45" FSIP: 135#/45"</p>				
<p>DRILL STEM TEST #3 5207-5240' Open: 30", Shut In 45", Open 60", Shut In 45", weak blow Rec: 120' sli gas cut mud FP: 62#-87# ISIP: 251#/45" USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.</p>				

Well ex Radiation-Guard Log Run

Date Received
 FSIP: 213#



Muriel F. C. Jeram
 Signature

Geological Secretary
 Title

October 1, 1974
 Date