

WICHITA BRANCH

**IMPORTANT**  
Kans. Geo. Survey request samples on this well.

15-141-20041  
JUL

**KANSAS DRILLERS LOG**

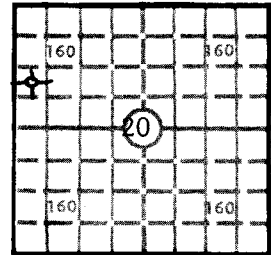
API No. 15 — 141 — 20,041  
County Number

S. 20 T. 10 R. 15 <sup>E</sup>W

Loc. NW SW NW

County Osborne

640 Acres  
N



Locate well correctly

Elev.: Gr. 1952

DF 1954 KB 1957

Operator  
Graham-Michaelis Corp.

Address  
P. O. Box 247 Wichita, Kansas 67201

Well No. #1-20 Lease Name Beck

Footage Location  
1065 feet from ~~the~~ (S) line 255 feet from ~~the~~ (W) line of NW 1/4

Principal Contractor Red Tiger Drilling Company Geologist Bill Sladek

Spud Date June 28, 1978 Total Depth 3600' P.B.T.D.

Date Completed July 9, 1978 Oil Purchaser none

**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 production		8 5/8"		277	common	175	2% gel 3% cal chl.
		none					

**LINER RECORD**

**PERFORATION RECORD**

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

Size	Setting depth	Packer set at

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

Amount and kind of material used	Depth interval treated
None	

**INITIAL PRODUCTION**

Date of first production None - D & A 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 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.

THIS INFORMATION TO BE HELD CONFIDENTIAL FOR ONE YEAR

Operator Graham-Michaelis Corporation		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1-20	Lease Name Beck	Dry Hole
S 20 T 10S R 15 E W NW 1/4 SW 1/4 NW 1/4		

**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
Surface Clay & Rock	0	68	Petro-Log Radiation Guard Log	
Shale	68	560		
Sand	560	655		
Hard Sand	655	660		
Shale	660	680		
Hard Sand & Sand	680	714		
Sand & Shale	714	814		
Shale	814	1143		
Anhydrite	1143	1185		
Shale	1185	1710		
Shale & Lime	1710	2130		
Lime & Shale	2130	3062		
Lime	3062	3533		
Conglomerate	3533	3600		
R.T.D.	3600			
<u>DRILL STEM TEST #1 3128-3165/60"</u>		<u>DRILL STEM TEST #4 3308-3350/60"</u>		
Rec. 10' mud		Rec. 10' mud		
IFP: 43-43/30"; FFP: 43-43/30"		IFP: 43-43/30"; FFP: 43-43/30"		
ISIP: 54#/30"; FSIP: 43#/30"		ISIP: 43#/30"; FSIP: 43#/30"		
<u>DRILL STEM TEST #2 3195-3220/60"</u>		<u>DRILL STEM TEST #5 3351-3410/60"</u>		
Rec. 15' mud w/some free oil on top of recovery & some free oil in top of tool.		Rec. 10' mud		
IFP: 11-11#/30"; FFP: 32-32#/30"		IFP: 32-32/30"; FFP: 32-32/30"		
ISIP: 819#/30"; FSIP: 151#/30"		ISIP: 43#/30"; FSIP: 32#/30"		
<u>DRILL STEM TEST #3 3248-3290/90"</u>				
Rec. 310' muddy salt water w/1 or 2" of oil on top of recovery & had a slight show of oil in top of tool.				
IFP: 65-86/30"; FFP: 119-173/60"				
ISIP: 938#/45"; FSIP: 927#/90"				

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

Date Received	<p align="center"><i>Jack L. Yinger</i> Signature</p> <p align="center">Jack L. Yinger - Vice President Title</p> <p align="center">July 21, 1978 Date</p>
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