

KANSAS DRILLERS LOG

CONFIDENTIAL

15-051-21608
 Released 6/4/80

API No. 15 — 051 — 21,608
 County Number

S. 18 T. 13 R. 19W W
 Loc. C of SE SE SW
 County Ellis

Operator
 Graham-Michaelis Corporation

Address
 211 North Broadway, P.O. Box 247, Wichita, Kansas 67201

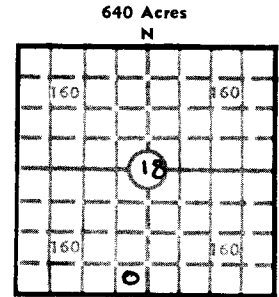
Well No. 1-18 Lease Name Disney

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

Principal Contractor Revlm Drlg., Inc. Geologist Charles Shank

Spud Date 12/5/78 Total Depth 3815. P.B.T.D.

Date Completed 12-19-78 Oil Purchaser Koch



Elev.: Gr. 2104
 DF 2106 KB 2109'

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	12 1/4	8 5/8	24#	224'	Quick-Set	145	
Production	7 7/8	4 1/2	10.5	3814'	Common	200	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
none					3411-3414
					3620-3622
					3614-3616

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	3421.53'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
4,000 gals acid	3620-22 & 3614-16
300 gals acid	3411-14

INITIAL PRODUCTION

Date of first production Feb. 21, 1979 Producing method (flowing, pumping, gas lift, etc.) pumping

RATE OF PRODUCTION PER 24 HOURS	Oil <u>State Test</u> <u>120</u> bbls.	Gas	Water <u>none</u> bbls.	Gas-oil ratio	CFPB
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Disposition of gas (vented, used on lease or sold) _____ Producing interval(s) 3620-3622 & 3614-3616

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.:
Well No. 1-18	Lease Name Disney	011
S <u>18</u> T <u>13</u> R <u>19</u> ^E _W		

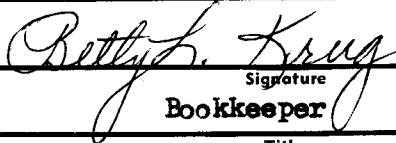
WELL LOG

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
Post Rock-Clay	0	227	Petro Log Radiation Guard Borehole Compensated Sonic DST #9 3636-45 30";45";60";90 Rec: 330' mdy wtr w/spks oil IFP: 32-95#; FFP: 95-169# ISIP: 799#; FSIP: 778# DST #10 3708-43 30";45";60";90 Rec: 75' mud w/spks oil IFP: 42-63#; FFP: 63-84# ISIP: 1125#; FSIP: 1072#	
Shale	227	330		
Shale	330	1207'		
Red Bed	1207	1442		
Anhydrite	1442	1481		
Shale	1481	1650		
Shale - Lime	1650	2030		
Shale	2030	2190		
Shale & Lime	2190	2385		
Shale & Lime	2385	2540		
Lime & Shale	2540	2856		
Lime	2856	2915		
Lime & Shale	2915	3068		
Shale	3068	3085		
Shale & Lime	3085	3195		
Lime	3195	3645		
Lime & Shale	3645	3675		
Lime-Chert-Shale	3675	3743		
Lime	3743	3815'	R.T.D.	
DST #1 3176-95 30";45";60";90" Rec: 140' mdy wtr w/few spks oil on top IFP: 32-63; FFP: 53-84 ISIP: 1020# FSIP: 1020#	DST #4 (continued) IFP: 20-81#; FFP: 81-142# ISIP: 1153#; FSIP: 1153#	DST #5 3457-3504 Rec: 50' sli oil cut mud + 120' mdy wtr. IFP: 20-51#; FFP: 51-81# ISIP: 759#; FSIP: 749#	81-142# 1153#	30";45";60";90"
DST #2 3240-60 30";45";60";90" Rec: 165' mdy wtr w/no sho oil IFP: 21-63#; FFP: 63-105# ISIP: 1051#; FSIP: 1051#	DST #6 3503-3523'	Rec: 40' very heavy oil cut mud + 90' Sli oil & wtr cut mud IFP: 21-63#; FFP: 63-84# ISIP: 432#; FSIP: 432#	3503-3523'	30";45";60";90"
DST #3 3348-64 - 30";45";60";90" Rec: 740' Gas in Pipe + 40' GCM w/few spks oil in tool IFP: 21-21#; FFP: 21-42# ISIP: 1093#; FSIP: 1093#	DST #7 3589-3602'	Rec: 570' muddy wtr. IFP: 21-116; FFP: 116-242# ; ISIP: 799# FSIP: 778#	3589-3602'	30";45";60";90"
DST #4 3391-3430' 30";45";60";90" Rec: 180' gas in pipe and 110' heavy oil & gas cut mud + 250' gassy froggy oil.	DST #8 3609-3636'	Rec: 200' heavy oil & gas cut mud IFP: 35-63#; FFP: 78-105#; ISIP: 757#; FSIP: 751	3609-3636'	30";45";60";90"

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

Date Received	 Signature
	Bookkeeper Title
	December 20, 1978 Date

192815