

State Geological Survey

WICHITA BRANCH

KANSAS DRILLERS LOG

15-163-20924

API No. 15 — 163 — 20,924
County Number

Operator

Graham-Michaelis Corporation

Address

P. O. Box 247, Wichita, Kansas 67201

Well No.

1-22

Lease Name

Winters

Footage Location

660

feet from (N) line

1980

feet from (E) line

SE $\frac{1}{4}$

Principal Contractor

Abercrombie Drilling, Inc.

Geologist

H. J. Groves

Spud Date

May 30, 1979

Total Depth

3690

P.B.T.D.

Date Completed

June 9, 1979

Oil Purchaser

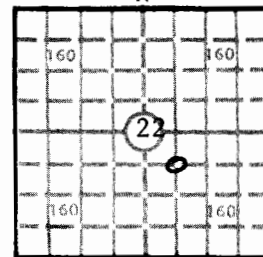
None

S. 22 T. 10S R. 19W W

Loc. Approx. C NW SE

County Rocks

640 Acres
N



Locate well correctly

Elev.: Gr. 2133

DF KB 2141

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 $\frac{1}{2}$ "	8 5/8"	24#	241'	common	175	3% cal chl. 2% gel

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
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PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
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	

INITIAL PRODUCTION

Dry and abandoned

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
		None			
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.

Operator Graham-Michaelis Corporation		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. 1-22	Lease Name Winters	Dry Hole	
S 22 T 10S R 19 W (C NW $\frac{1}{4}$ SE $\frac{1}{4}$) Rooks County, Ks.			
WELL LOG		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.			
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME
Shale	0	310	Petro-Log Radiation Guard Log
Sand and shale	310	1769	
Sand and Lime	1769	2885	
Lime	2885	3090	
Lime and Shale	3090	3180	
Lime	3180	3270	
Lime and Shale	3270	3350	
Lime	3350	3377	
Lime and Shale	3377	3425	
Lime	3425	3535	
Lime and Shale	3535	3565	
Lime	3565	3575	
Lime and Shale	3575	3625	
Lime and Shale	3625	3680	
Dolomite	3680	3690	
RTD	3690		
DST #1 - 3100-3130. 30";45";60";90". Rec. 120' mud, 500' water w/few spks oil IFP: 150-225#; FFP: 250-375# ISIP: 910#; FSIP: 910# DST #2 - 3254-3270. 30";45";60";90". Rec: 20' oil cut mud, 100' oil cut muddy water, 200' oil stained water IFP: 75-100#; FFP: 112-200# ISIP: 1031#; FSIP: 1055#. DST #3 - 3314-3350. 30";45";30";45". Rec. 10' mud with oil specks IFP: 62-62#; FFP: 62-62# ISIP: 87#; FSIP: not recorded DST #4 - 3378-3425'. 30";45";60";90". Rec: 990' muddy water IFP: 69-230#; FFP: 253-530# ISIP: 1065#; FSIP: 1018# DST #5 - 3500-3565'. 30";30"; 30"; 30". Rec. 10' mud IFP: 69-69#; FFP: 69-69# ISIP: 161#; FSIP: 115#			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	<div style="text-align: right;">  Signature Geological Secretary Title July 27, 1979 Date </div>		

7072L

OPERATOR:
CONTRACTOR:
WELL NAME:
LOCATION:

SPUD DATE:
COMPLETION DATE:

Graham-Michaelis Corporation
Abercrombie Drilling, Inc.
Winters #1-22
C NW SE, Section 22-10-19W
Rooks County, Kansas
May 30, 1979
June 9, 1979

0	310	Shale
310	1769	Sand and shale
1769	2885	Shale and lime
2885	3090	Lime
3090	3180	Lime and shale
3180	3270	Lime
3270	3350	Lime and shale
3350	3377	Lime
3377	3425	Lime and shale
3425	3535	Lime
3535	3565	Lime and shale
3565	3575	Lime
3575	3625	Lime and shale
3625	3680	Lime and Shert
3680	3690	Dolomite
	3690	Rotary Total Depth

Spud hole at 8:45 p.m., May 30, 1979. Drilled 242' of 12 $\frac{1}{4}$ " hole. Ran 7 joints of new 20# casing. Set at 241' with 175 sacks of common cement, 3% Ca.Cl., 2% gel. Cement did circulate. Plug was down at 3:45 a.m., May 31, 1979.

T.D. 3690'. Set 1st plug at 700' with 70 sacks, 2nd plug at 240' with 20 sacks, 3rd plug at 40' solid bridge with 10 sacks, rathole with 5 sacks. Cemented with 50/50 posmix, 6% gel. Plug was down at 8:15 p.m., June 09, 1979.