

State Geological Survey

WICHITA BRANCH
KANSAS DRILLERS' LOG

15-163-20905
Released 11/2/80

S. 26 T. 8S R. 17 W
Loc. Approx. C SE NW
County _____ Rocks _____

API No. 15 — 163 — 20,905-A
County Number

Operator
Graham-Michaelis Corporation

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

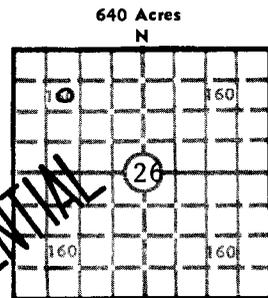
Well No. 4-26 Lease Name Hrabe (OWWO)

Footage Location
1090 feet from (N) line 990 feet from (W) line

Principal Contractor Abercrombie Drilling Geologist H. J. Groves

Spud Date OWWO Total Depth 3460' P.B.T.D.

Date Completed Aug. 20, 1979 Oil Purchaser Koch Oil Company



Locate well correctly 1995'
Elev.: Gr. _____
DF _____ 2007 KB 2000'

CONFIDENTIAL

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#	258.18'	common	190	3% cal chl; 2% gel
Production		4 1/2"	10.5#	3460'	common	150	10% salt 10 bbls salt flush

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Size of hole	Depth interval
None				

Size	Setting depth	Packer set at
2 3/8"	3400.77'	

2 shots per foot
3175-80; 3192-95'; 3236-40'; 3301-05' 3342-45'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
4,500 gals acid over all	

INITIAL PRODUCTION

Swabbing

Date of first production Aug. 25, 1979	Producing method (flowing, pumping, gas lift, etc.) Pumping		
RATE OF PRODUCTION PER 24 HOURS	Oil 3 bbls/hr	Gas bbls.	Water MCF
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 IS TIGHT

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Operator
Graham-Michaelis Corporation

Well No.
4-26

Lease Name
Hrabe

OIL

S 26 T 8S R 17 W C SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$; Sec. 26

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
This is an old well washdown				

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

Date Received

Munel F. C. Jeram
Signature

Geological Secretary
Title

September 7, 1979
Date