

Final

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

KANSAS DRILLERS LOG

S. 30 T. 10 R. 17 ^R _W

Loc. C SW NW NE

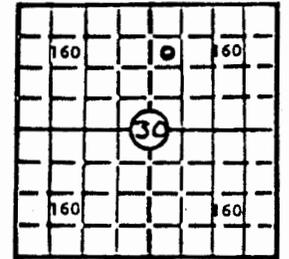
API No. 15 — 163 — 21,006
County Number

County Rooks

640 Acres
N

Operator
Graham-Michaelis Corp.

Address
P. O. Box 247 Wichita, Kansas 67201



Well No. #1-30 Lease Name Jones

Elev.: Gr. 2032'

Footage Location
1050 feet from (N) line 3090 feet from (W) line

Principal Contractor Abercrombie Drilling Geologist Charles B. Spradlin

Spud Date Dec. 2, 1979 Total Depth 3670' P.B.T.D.

DF 2035 KB 2037'

Date Completed December 27, 1979 Oil Purchaser Koch Oil Company

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		8 5/8"		260'	common	210	3% cal chl, 2% ge
Production		4 1/2"		3673'		150	10% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
NONE					
TUBING RECORD			2		3250-3438'
Size <u>2 3/8"</u>	Setting depth <u>3641.10'</u>	Packer set at <u>none</u>			(overall)

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
<u>4,000 gals acid</u>	<u>3250-3438'</u>
	(overall)

STATE CORPORATION COMMISSION

DEC 9 1980

INITIAL PRODUCTION DIVISION

Date of first production December 26, 1979 Producing method (flowing, pumping, gas lift, etc.) Swab test - 3 hrs.

RATE OF PRODUCTION PER 24 HOURS
Oil 2 bbls/hr 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 **KANSAS GEOLOGICAL SURVEY** 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 an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

INFORMATION CONFIDENTIAL

DEC 10 1980

72148

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

Operator
Graham-Michaelis Corporation

Well No. 1-30 Lease Name Jones

OIL WELL

S 30 T 10S R 17 W SW NW NE

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 and Clay	0	70	Petro Log - Radiation Guard Borehole Compensated Sonic	
Sand and shale	70	262		
Shale and Sand	262	1322		
Anhydrite	1322	1357		
Shale	1357	1706		
Shale and Sand	1706	2027		
Shale	2027	2667		
Shale and Lime	2667	3169		
Lime and Shale	3169	3218		
Lime	3218	3580		
Dolomite	3580	3645		
Lime	3645	3670		
RTD	3670			
<p>DST #1 - 3168-3203/90". Rec. 90' watery mud. IFP: 33-43#/30"; FFP: 54-65#/60"; ISIP: 1328#/45"; FSIP: 1307#/90". DST #2 - 3232-3308'/90". Rec. 80' heavy oil cut mud IFP: 65-65#/30"; FFP: 26-87#/60"; ISIP: 931#/45"; FSIP: 975#/90". DST #3 - 3310-3357/90". Rec. 390' fluid 25' heavy oil cut mud, 125' heavy oil cut mud 45% oil, 120' oil cut mud, 120' salt water. IFP: 54-109#/30"; FFP: 130-196#/60"; ISIP: 1146#/45"; FSIP: 1103#/90". DST #4 - 3431-3480/90". Rec: 70' slightly oil cut mud. IFP: 43-54#/30"; FFPL 54-76#/60"; ISIP: 1082#/45"; FSIP: 1103#/90".</p>				

STATE CORPORATION COMMISSION

DEC 9 1980

CONSERVATION DIVISION

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

Date Received

Signature: *Muriel F. C. Jeram*

Title: Geological Secretary

Date: January 4, 1980

CONTRACTOR'S WELL LOG

OPERATOR: Graham-Michaelis Corporation
 CONTRACTOR: Abercrombie Drilling, Inc.
 WELL NAME: Jones #1-30
 LOCATION: C SW NW NE, Section 30-10-17W
 Rooks County, Kansas
 SPUD DATE: December 02, 1979
 COMPLETION DATE: December 11, 1979

0	70	Sand and clay
70	262	Sand and shale
262	1322	Shale and sand
1322	1357	Anhydrite
1357	1706	Shale
1706	2027	Shale and sand
2027	2667	Shale
2667	3169	Shale and lime
3169	3218	Lime and shale
3218	3580	Lime
3580	3645	Dolomite
3645	3670	Lime
	3670	Rotary Total Depth

Spud hole at 3:45 p.m., December 02, 1979. Drilled 262' of 12 1/4" hole. Ran 6 joints of 8-5/8" casing. (Talley 252.75') Set at 259.75' with 210 sacks of common cement, 3% Ca.Cl., 2% gel. Cement did circulate. Plug was down at 8:30 p.m., December 02, 1979.

T.D. 3670'. Ran 90 joints of 4 1/2" - 10 1/2# 8rd thd steel casing. (Talley 3685') Set at 3673'. Cemented with 150 sacks of common cement, 10 bbls. salt flush ahead of cement. Plug was down at 11:45 p.m., December 11, 1979.

SAMPLE TOPS:

Anhydrite 1322'
 B/Anhydrite 1357'

STATE OF KANSAS)
) ss
 COUNTY OF SEDGWICK)

Jack L. Partridge, Assistant Secretary-Treasurer of Abercrombie Drilling, Inc., does hereby state that the above and foregoing is a true and correct copy of the Jones #1-30, C SW NW NE, Section 30-10-17, Rooks County, Kansas.