

WICHITA BRANCH

KANSAS DRILLERS LOG

API No. 15 — 007 — 20,449
County Number

Operator

Kewanee Oil Company

Address

P. O. Box 2093 Wichita, Kansas 67201

Well No.

#13

Lease Name

Page "C" - RHODES UNIT

Footage Location

1715 feet from (N) (S) line 1640 feet from (E) (W) line

Principal Contractor

Gabbert Jones

Geologist

A. W. Stude

Spud Date

January 4, 1977

Total Depth

4569

P.B.T.D.

4525

Date Completed

2-5-77 & 5-25-77

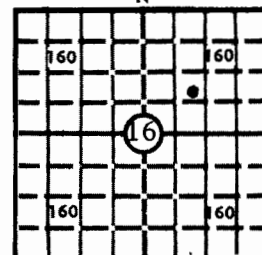
Oil Purchaser

O.K.C. Corporation

S. 16 T. 33 R. 11 E
W

Loc. 1665' FNL & 1640' FEL

County Barber

640 Acres
N

Locate well correctly

Elev.: Gr. 1427' G.L.

DF KB

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"	28#	201	Common	175	3% CaCl
Oil String	7-7/8"	5-1/2"	14#	4569	50-50 Pozmix	200	10# Gilsomite 1st 25 sx. 7 3/4 of 1% CFR-2 last 175 sx.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
None			1	4" Jumbo	4480-4517 (Squeezed)
TUBING RECORD					
Size	Setting depth	Packer set at			
2-3/8"	4510	None	4	4" Jumbo	4503-4510

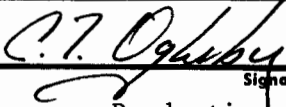
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
2,000 gal 15% NE Acid and frac w/ 15,000 KCL & 13,500# Sand.	4480-4517
200 gal 15% MA, 1,000 gal Mod 202 Acid & Frac w/ 7,000 GGW & 5,000# Sand.	4503-4510
Note: Interval 4480-4517' squeezed.	

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)			
February 5, 1977	Pump			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	5.5 bbls.	none MCF	42 bbls.	none CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)	
Gas decreased - too little to measure.			4503-4510'	

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 Kewanee Oil Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil		
Well No. 13	Lease Name Rhodes Unit (Page C Lease)			
S <u>16</u> T <u>33</u> S <u>R 11</u> W <u>E</u> 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
Redbed	0	285	LOG TOPS	
Redbed-shale	285	1200		
Shale	1200	1680	Heebner	3558 -2131
Shale-Lime	1680	1760	Douglas	3660 -2233
Lime	1760	2170	Lansing, K.C.	3756 -2329
Lime-Shale	2170	2620	Mississippi	4426 -2999
Lime	2620	3680	T.D. (Log)	4569 -3142
Shale	3680	3826		
Lime	3826	4569	No DST.	
Total Depth (Log)		4569		
Electric Logs Mailed 2-10-77.				
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received	 Signature Production Supervisor Title November 11, 1977 Date			