

State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

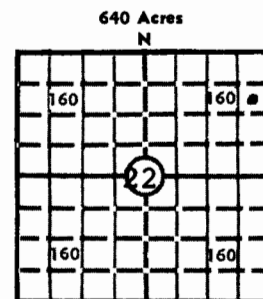
S. 22 T. 22 R. 25 ^K_W

API No. 15 — 083 — 20,436
County Number

Loc. 990' FNL & 330' FEL

County Hodgeman

Operator <u>Kewanee Oil Company</u>	
Address <u>Box 2093 Wichita, Kansas 67201</u>	
Well No. <u>#4</u>	Lease Name <u>Hallet WF - Red Lease</u>
Footage Location <u>990</u> feet from (N) <u>XX</u> line <u>330</u> feet from (E) <u>XX</u> line	
Principal Contractor <u>Slawson Drilling Co.</u>	Geologist <u>A. W. Stude</u>
Spud Date <u>October 13, 1975</u>	Total Depth <u>4696</u>
	P.B.T.D. <u>4670</u>
Date Completed <u>November 15, 1975</u>	Oil Purchaser <u>Skelly</u>



Locate well correctly
Elev.: Gr. 2515
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	20#	719	Halco Lite Common	295 175	
Oil String	7-7/8	5-1/2	15.5 17	4696	Halco Lite Pozmix	375 125	18% Salt - & .75%CFR2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
None			4	Golden Jets	4653-56 - 4648-50 - 4615-22 '
TUBING RECORD					
Size 2-7/8"	Setting depth 4631'	Packer set at Anchor 4630			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 gal MSA & 1000 Gal Mod. 202	4653-56, 4648-50 & 4615-22 Communicated.

INITIAL PRODUCTION

Date of first production <u>12-18-75</u>		Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>			
RATE OF PRODUCTION PER 24 HOURS	Oil <u>35.3</u> bbls.	Gas <u>None</u> MCF	Water <u>160.7</u> bbls.	Gas-oil ratio <u>None</u> CFPB	
Disposition of gas (vented, used on lease or sold) <u>None</u>			Producing interval(s) <u>Above perforations</u>		

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. 4	Lease Name Hallet W.F. - Red Lease	
S 22 T 22S R 25W E W		

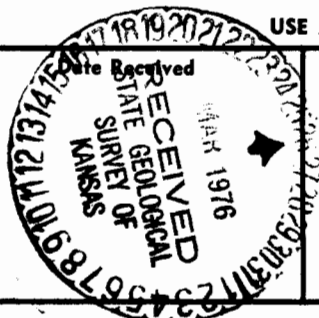
WELL LOG

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
Surface hole, clay & shale	0	690	(Below)	
Blue Shale	690	730		
Shale & Shells w/ sand streaks	730	1180		
Sand	1180	1372		
Shale & Shells	1372	1681		
Anhydrite	1681	1716		
Shale & Shells	1716	2240		
Shale & Lime	2240	2475		
Lime & Shale	2475	4085		
Lime	4085	4636		
Mississippian	4636	4650		
Lime	4650	4696		
Total Depth		4696		
P.B.T.D.		4670		
Anhydrite	1680	+ 835		
Heebner	3908	-1393		
Toronto	3924	-1409		
Lansing-Kansas City	3958	-1443		
Base Kansas City	4365	-1850		
Marmaton	4388	-1873		
Cherokee	4496	-1981		
Mississippi	4612	-2097		
Total Depth	4696	-2181		
PBTD	4670	-2155		
DST #1 - Miss. - 4592-4636, 60-60-60-60, Fair blow inc to strong blow 15 min. 2nd period strong thru-out. Rec 630' GIP, 90' OCM, 60' HOCM, 420' GMCO, & 60' MW. IFP 48-199, FFP 207-281, ISIP 872, FSIP 836.				

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



B. J. Patton
B. J. Patton
Signature
District Clerk
Title
January 23, 1976
Date
SAMPLE DESCRIPTION OF MISSISSIPPI ATTACHED.

