

6-1-33W

State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

API No. 15 — 153 — 20,257
County Number

S. 6 T. 1 R. 33 ^E/_W
Loc. 2200' FSL & 440' FEL SE
Appr. NE/4 NE/4 SE/4
County Rawlins

Operator
Empire Drilling Company

Address
1750 Vickers KSB&T Building Wichita, Kansas 67202

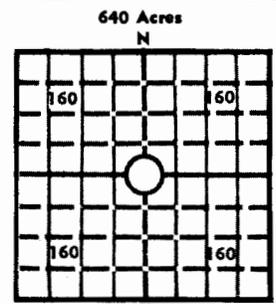
Well No. #10 Lease Name Palmer

Footage Location
2200 feet from (S) line 440 feet from (E) line

Principal Contractor Murfin Drilling Co. Geologist Vic Reiserer

Spud Date 5-11-76 Total Depth 4073' P.B.T.D.

Date Completed 5-20-76 Oil Purchaser Dry Hole



Elev.: Gr. 2955
DF _____ KB 2960

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#	244'	60-40 POZ 3% CC - No gel	225	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production _____ Producing method (flowing, pumping, gas lift, etc.) _____

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 **EMPIRE DRILLING COMPANY** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Dry Hole

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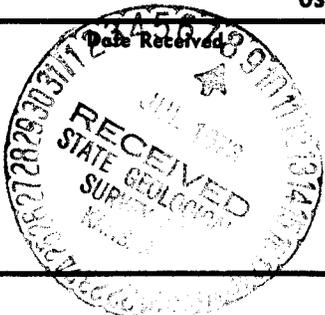
WELL LOG

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, clay		220	SAMPLE LOG TOPS:	
shale		500		
shale, sand		2450	Anhydrite	2799
shale		2799	Bse Anhydrite	2837
shale, shells		3365	Topeka	3654
lime, shale		3904	Oread	3776
coring		3930	Lansing	3860
lime, shale		4024	RTD	4073
lime		4035		
lime, shale		4055		
coring		4073		
Total Depth		4073		
<p>DST #1 3768-3790 Open 30-30-30-30 Very weak blow 25", 2' free oil 30' slightly oil cut mud. IFP 32#, FFP 43#, ISIP 541#, FBHP 173#. BH Temp 125 degrees</p> <p>DST #2 3916-30 Open 5 minutes. Very weak blow. Tool slid 4' down. Open 20 minutes. No blow. Rec. 70' mud. No shows. IFP 20, FF 54-??</p> <p>DST #3 3990-4024 30-30-30-30 Weak blow 22 minutes. Rec. 5' slightly oil cut mud. IFP 43#, FFP 43#, IBHP 43#, FBHP 43#.</p> <p>DST #4 4018-73 Open 30-30-30-30 Very weak blow 23 minutes. Rec. 7' mud. IFP 54#, FFP 54#, IBHP 119#, FBHP 65# BH Temp 132 degrees</p>				

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



J. E. Rakaskas
 J. E. Rakaskas Signature
 Exploration Manager Title
 6-4-76 Date

9-1-3300