

KANSAS DRILLERS LOG

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

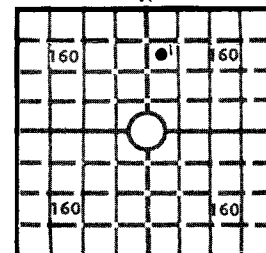
NOV 8 1976

25-3-19W

S. 25 T. 2 R. 19 E W

Loc. SW NW NE

County Phillips

640 Acres
N

Locate well correctly

Elev.: Gr. 2155'

DF 2157' KB 2160'

API No. 15 — 147 — 20,224
County Number

Operator

Petroleum Management, Inc.

Address

400 North Woodlawn, Suite 201 Wichita, Kansas 67208

Well No.

#1

Lease Name

Kaiser

Footage Location

990 feet from (N) ~~SE~~ line 330 feet from ~~SE~~ (W) line

Principal Contractor

Red Tiger Drilling

Geologist

William H. Petersen

Spud Date

Nov. 3, 1976

Total Depth

3579'

P.B.T.D.

Date Completed

Nov. 11, 1976

Oil Purchaser

CRA

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 Casing	12 1/2"	8 5/8"		216'	Common	170	2% Gel, 3% CC
Prod. Casing	7 7/8"	4 1/2"		3577'	Salt Sat.	150	
					Pozmix	50	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			1		3340; 3374; 3392; 3420;
Size	Setting depth	Packer set at			
2"	3577'				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
9000 Gal. 15% Non E Acid	3340' 3374' 3392' 3420'

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
Dec. 22, 1976	Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 55 bbls. Gas --- MCF Water 9 bbls. Gas-oil ratio 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 Petroleum Management, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1	Lease Name Kaiser	Oil
S 25 T 2 R 19 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
Shale & Surface Clay	0	219	Anhydrite	1705 + 455
Post Rock & Shale	219	650	Base Anhydrite	1730 + 430
Shale	650	850	Heebner	3290 -1130
Sand	850	970	Toronto	3316 -1156
Shale Sand & Shale	970	1420	Lansing-KC	3333 -1173
Shale	1420	1706	Base KC	3563 -1403
Anhydrite	1706	1762		
Shale	1762	2229		
Shale & Lime	2229	2419		
Shale	2419	2575		
Shale & Lime	2575	2745		
Lime	2745	3579		
RTD		3579		

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

Date Received	<i>Dale Silcott</i>
	Signature
	Vice President
	Title
	1/18/77
	Date

15-147-20274

25-2-19W

State Geological Survey
WICHITA BRANCH

DRILLERS LOG

No. 1 Kaiser

CASING RECORD:	COMPANY:	Petroleum Management, Inc.	DESCRIPTION:
8 5/8" @ 216' w/170 sx cmt.	CONTRACTOR:	Red Tiger Drilling Company	SW NW NE Sec. 25-T2S-R19W Phillips County, Kansas
4 1/2" @ 3577' w/200 sx cmt.	COMMENCED:	November 3, 1976	
	COMPLETED:	November 10, 1976	
TOTAL DEPTH: 3,579'			ELEVATION: 2,157 DF

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Sh & Surface Clay	0	219	
Post Rock & Shale	219	650	
Shale	650	850	
Sand	850	970	
Shale Sand & Shale	970	1420	
Shale	1420	1706	
Anhydrite	1706	1762	
Shale	1762	2229	
Shale & Lime	2229	2419	
Shale	2419	2575	
Shale & Lime	2575	2745	
Lime	2745	3579	
RTD		3579	

I certify that this is a true and correct copy of the above log to the best of my knowledge.

RED TIGER DRILLING COMPANY

Gloria Fawcett
Gloria Fawcett

Subscribed and sworn to before me this 16th day of November, 1976.

Joyce A. Hagermann
Notary Public

