

State Geological Survey
WICHITA, BRANCH

23-3-19w

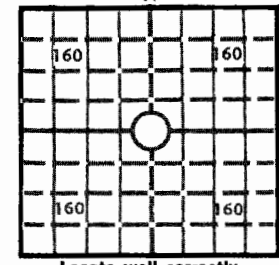
KANSAS DRILLERS LOG

S. 23 T. 3 R. 19 ^W/_W

Loc. 100 W of C S2 SE NE

County Phillips

640 Acres
N



Elev.: Gr. 1997'

DF 1999' KB 2002'

API No. 15 — 147 — 20,179
County Number

Operator
Petroleum Management, Inc.

Address
400 N. Woodlawn, Suite 201 Wichita, Kansas 67208

Well No. #1 Lease Name Ehm-Stuttgart

Footage Location
330 feet from (N) (S) line 760 feet from (E) (W) line

Principal Contractor Red Tiger Drilling Company Geologist William H. Petersen

Spud Date October 10, 1974 Total Depth 3343' P.B.T.D.

Date Completed November 2, 1974 Oil Purchaser --

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 Csg	12-1/4	8-5/8"	28#	213'	Common	150	3% Gel 3% Calcium Chlor.
Production Csg	7-7/8	4-1/2"	24#	3340.80	Pozmix	150	2% Gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	3-1/8 DP Jet	3172-76'
			2	3-1/8 DP Jet	3191-94'
			2	3-1/8 DP Jet	3208-10'
			2	3-1/8 DP Jet	3216-20'
			2	3-1/8 DP Jet	3232-36'

TUBING RECORD

Size	Setting depth	Packer set at
2"	3329'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 gal. 15% Non E Acid	3172-76'
4000 gal. 15% Non E Acid, 2-250# plugs of TLC 80	3191-94'
900 gal 15% Non E Acid	3208-10'
	3216-20'
1100 gal 15% Non E Acid	3232-36'

INITIAL PRODUCTION

Date of first production November 24, 1974	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 23 bbls. Gas -- MCF Water 3 bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval(s) 3216-20', 3232-36', 3172-76', 3191-94', 3208-10'

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.:
OIL

Well No.
1 Lease Name
EHM-STUTT GART

S 23 T3 R 19 ~~X~~
 W

WELL LOG

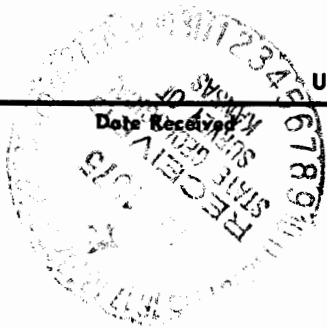
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Shale	0	215	Anhydrite	1528'
Post Rock & Shale	215	690	Heebner	3097'
Shale, Sand & Shale	690	1528	Toronto	3119'
Anhydrite	1528	1568	Lansing	3138'
Shale	1568	2060	Rotary Total	
Shale & Lime	2060	2555	Depth	3343'
Lime & Shale	2555	2730		
Lime	2730	2880		
Shale & Lime	2880	2985		
Lime	2985	3343		

No Drill Stem Tests were taken.

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



Dale Silcott
 Signature
 Dale Silcott - Vice President
 Title
 February 12, 1975
 Date