

CONFIDENTIALState Geological Survey
WICHITA, BRANCH**CONFIDENTIAL**

Released 12-6-74

KANSAS DRILLERS LOG

API No. 15 — 083 — 20333
County Number

Operator

Mack Oil Co.

Address

812 Union Center Wichita, Kansas 67202

Well No.

#1

Lease Name

Steffen

Footage Location

660' feet from (N) (X) line 510' feet from (E) (X) line

Principal Contractor

Rains & Williamson

Geologist

Benny Singelton

Spud Date

10-25-73

Total Depth

4330'

P.B.T.D.

Date Completed

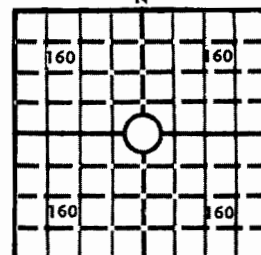
11-3-73

Oil Purchaser

S. 21 T. 21 R. 21 ^{WE}_WLoc. 150' E of C NE SECounty Hodgeman

640 Acres

N



Locate well correctly

Elev.: Gr. 2129'DF 2131' KB 2134'

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 hole		8 5/8"	28#	1026'	pozmix&comm.	500	2% gel 2% Cal. Chlor.

LINER RECORD

PERFORATION RECORD

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

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 Mack Oil Co.	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: dry hole
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Well No. 1	Lease Name Steffen
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s21 T 21 R 21 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
Top Hole Soil	0	40	Radiation	
Sand & Shale	40	395	Accurlog	0'-4320'
Shale & RedBed	395	715		
Sand	715	880	Heebner	3656 (-1522)
RedBed & Shale	880	1030	Lansing	3709 (-1575)
Shale & RedBed	1030	1240	B/KC	4074 (-1940)
Shale	1240	1265	Ft. Scott	4230 (-2096)
Anhydrite	1265	1296		CHEROKEE
Shale	1296	1842	Cherokee	4253 (-2119)
Shale & Lime Streaks	1842	2160	Osage	4307 (-2173)
Lime & Shale	2160	2835		
Shale & Lime	2835	3235		
Lime & Shale	3235	3450		
Shale & Lime	3450	3780		
Lime	3780	4310		
Lime & Chert	4310	4330		
DST #1 4283-4310 FAILED				
DST #2 4268-4310 30"-30"-30"-30" Rec. 20' GIP, 10' FR Oil, 180' GCM, 120' GCM w/tra of oil, 860' SW; BHP's 1346-1346# IFP's 81-411# FFP's 403-574#				

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

Date Received

Nancy Laggart
Signature

Secretary

Title

11-8-73

Date