

WICHITA BRANCH

KANSAS DRILLERS LOG

S. 22 T. 14 R. 11W ^X/_W

Loc. NE NE SW

County Russell

API No. 15 — 167 — 21,025
County Number

Operator
MACK OIL CO.

Address
908 Union Center, Wichita, KS 67202

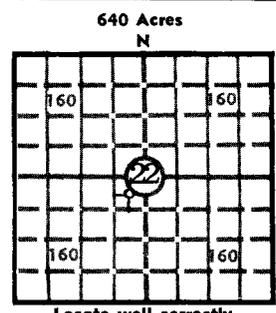
Well No. 1 Lease Name Heffel

Footage Location
330 feet from (N) line 330 feet from (E) line of SW/4

Principal Contractor Red Tiger Drlg. Geologist Earl Moore

Spud Date 4-29-77 Total Depth 3235' P.B.T.D.

Date Completed 5-8-77 Oil Purchaser



Locate well correctly
Elev.: Gr. 1664'

DF 1668' KB 1669'

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 pipe	12 1/4"	8 5/8"	28#	258'	common	180	2% gel, 3% CC

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	CFPB
	bbls.	MCF	bbls.		
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

Well No. 1 Lease Name Heffel

S 22 T 14 R 11 W^{EX} 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 soil		15	Tarkio	2162 (- 493)
clay, shale & sand		260	Heebner	2690 (-1021)
shale & sand		496	Brown Lime	2782 (-1113)
Anhydrite		523	Lansing	2796 (-1127)
shale		1140	BP/Arb	3148 (-1479)
lime & shale		1295	LTD	3235
shale & lime		1300		
lime & shale		2520		
lime		3235	L-GR-N	0'-3235'
DST #1 1245-1300 30"-30"-30"-30" Rec. 15' SGCM BHP 65-65 FP 54-54		RTD		
DST #2 1300-1350 30"-30"-30"-30" Rec. 10' SGCM BHP 65-54 FP 43-43				
DST #3 2166-2217 30"-30"-45"-60" Rec. 430' MSW BHP 789-814 FP 87-275				
DST #4 2410-2452 30"-30"-45"-60" Rec. 30' SM BHP 104-127 FP 69-69				
DST #5 2860-2915 30"-30"-45"-60" Rec. 90' SWM BHP 629-618 FP 58-97				

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

Date Received	<i>Nancy Laggart</i>
	Secretary
	5-24-77