

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 - 167 -21 - 521
County Number

Operator
Mai Operations

Address
P.O. Box 33 Russell, Kansas

Well No. **1** Lease Name **Herber**

Footage Location
990' feet from (N) line **330'** feet from (W) line

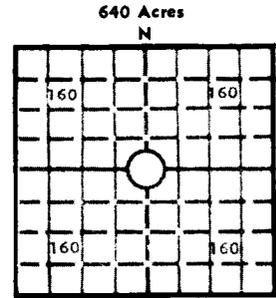
Principal Contractor **Emphasis Drlg. Co.** Geologist **R. Krueger**

Spud Date **9-13-80** Date Completed **9-22-80** Total Depth **3294'** P.B.T.D. **2424'**

Directional Deviation Oil and/or Gas Purchaser

S. 16 T. 14 R. 12 E
WICHITA, NW SW
Loc. _____

County **Russell**



Elev.: Gr. **1791** well correctly

DF _____ KB **1796**
1796'

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
Surf. Csg.	10 3/4	8 5/8	28	289'	Common	165	Quikset
Oil String	10 1/2						
	7 7/8	4 1/2	9.5	2424	Pox.	150	10% salt

LINER RECORD

PERFORATION RECORD

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

Size	Setting depth	Packer set at			
2" EUE	2420'	none	3	Jet	2320' - 27'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 Gal. 15% MCA plus 500 Gal. 7 1/2% MCA	2320-27'
Gel Wtr. Frac. 12,500 Sand	2320-27'

INITIAL PRODUCTION

Date of first production 10-23-80	Producing method (flowing, pumping, gas lift, etc.) Swab Test (11-3-80 - Installing Perm. Pumping Equip.)
RATE OF PRODUCTION PER 24 HOURS 9 BFPH 50% Wtr.	Gas Water 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, 245 No. Water, Wichita, Kansas 67202. 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

Mai Operations

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Oil Well

Well No.

1

Lease Name

Herber

S 16 T 14 R 12 K 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
See Attached Drillers Log				
Geological Tops				
Grandhaven Lime	2272'			
Dry Shale	2285'			
Dover Lime	2299'			
Langdon Shale	2302'			
Tarkio Lime	2344'			
Willard Shale	2364'			
Elmont Lime	2408'			
Topeka Lime	2626'			
Heebner	2864'			
Toronto Lime	2883'			
L.K.C.	2942'			
B.K.C.	3235'			
Cong.	3276'			
Arbuckle	3299'			
R.TD.	3304'			

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

Date Received

D.E. Walz

Supt.

Signature

Title

11-3-80

Date