

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bk Bldg., Wichita, Kansas

MISSION CORP.
J. Habiger No. 11.

SEC. 5 T.18 R.10W
CE $\frac{1}{2}$ NE NW
660' fr NL 330' fr EL NW $\frac{1}{4}$

County. Rice

Total Depth. 3234 $\frac{1}{2}$ '
Comm. 6-3-40 Comp. 6-22-40
Shot or Treated.
Contractor. Olson Drlg. Co.
Issued. 8-10-40 Rotary O-3228
Cable 3228-34 $\frac{1}{2}$



CASING:
8 $\frac{5}{8}$ " 198'
5 $\frac{1}{2}$ " 3226 $\frac{1}{2}$ '

Elevation.

Production. Pot. 2129 B..

Figures Indicate Bottom of Formations.

surface soil & sand	20	6-20-40 500 Gals. Acid
clay & gravel	174	3226 $\frac{1}{2}$ -31 $\frac{1}{2}$
lime shells	203	6-21-40 1250 Gals. Acid
shale & shells	367	3226 $\frac{1}{2}$ -31 $\frac{1}{2}$
shale gy	870	6-23-40 1500 Gals. Acid
shale & shells	1124	3226 $\frac{1}{2}$ -34 $\frac{1}{2}$
shale gy	1216	
shale & shells	1415	Before acid 1600' OIH
shale & lime	1581	4 hrs, no wtr
lime	1725	After acid POB 18 hrs.
lime brkn	1820	w/E - M, 241 bbls oil,
shale & lime	2094	no wtr. to establish
shale blue	2160	24-hr S.C.C. potential
shale sdy	2236	of 2,129 Bbls.
lime	2337	
shale & lime shells	2467	2940-46 porous, sh gas
lime	2726	2988-98 little porosity,
lime sft cryst gy,		no saturation
porous, probable gas	2734	3014-33 good porosity,
lime	2814	bleached, probable wtr
lime sft gy cryst,		3097-3113 good porosity
porous, probable gas	2824	3228-32 $\frac{1}{2}$ main body pay
lime	2830	formation
shale red & blue	2885	
shale & lime	2905	
shale gy silty	2915	
lime hd gy w/strks shale	2940	
lime sft gy & brown oolitic	2946	
lime med hrd gy cryst, no poro-		
sity	2988	
lime med sft gy oolitic	2998	
lime hd gy & shale	3014	
lime sft gy oolitic	3033	
lime hd gy	3097	
lime sft gy oolitic	3113	
shale & lime	3205	
shale & chert conglomerate	3221	
chert sand & shale	3228	
dolomite gy cryst, slightly		
porous & stained	3230	
Correction: 3230 SLM rotary table		
equals 3228 SLM Derrick Floor		
dolomite gy interspersed w/		
green dolomitic shale, spotted		
porosity & saturation	3229	
200' OIH in 1 hr		
Cored w/cable tools: 3229-31 $\frac{1}{2}$ no rec.		
samples showed all brown & gy dolo-		
mite - fair porosity & saturation-		
1600' OIH in 4 hrs		
3231 $\frac{1}{2}$ -32 $\frac{1}{2}$ no recovery		
samples showed gy cryst dolomite,		
little porosity & saturation		
drilled: gy dolomite, no satura-		
tion or porosity	3234 $\frac{1}{2}$	
Total Depth.		

Tops: Lansing lime 2915
Arbuckle lime 3226 SLM