

31-23-21W  
SE NW SE

DEC 26 1970

ROTARY DRILLING LOG

Elev. 2312' KB

COMPANY: Pickrell Drilling Company  
705 Fourth National Bank Building  
Wichita, Kansas 67202

Rotary Drilling Commenced 10/21/70

Rotary Drilling Completed 10/31/70

LOCATION:

Hall "K" No. 2, SE NW SE Section 31-23S-21W, Hodgeman County, Kansas

CONTRACTOR: **PICKRELL DRILLING COMPANY**  
Wichita, Kansas

P 65 B0 + 83 with  
marm.  
GR 21

CASING RECORD: Run 12 Jts. 8-5/8" surface casing set @ 252' KB. Cemented with 150 sacks cement. Completed 10:30 P.M. Circulated.

Ran 147 Jts. 4-1/2" casing set at 4529'. Cemented with 135 sacks common. Plug down 3:15 PM October 31, 1970.

LOG

(Figures indicate bottom of formation — measurements from top of rotary bushing.)

252	Shale & Shells	<u>C.F.S.</u>
310	Sand & Shale	4288
600	Shale	4310
850	Red Beds - Shale	4325
995	Sand	4355
1285	Red Beds - Shale	4370
1389	Shale	4539
1405	Anhydrite	
1810	Shale & Shells	
2245	Shale & Lime	<u>S.L.M.</u>
2790	Lime	3448.12
3380	Lime - Shale	Strap Board
3740	Shale & Lime	<u>3447.36</u>
3875	Lime & Shale	.76 Difference
3975	Lime	
4035	Lime - Chalky	<u>Slope Tests</u>
4539-4479	Lime - RTD	2000
		2500
		3000
		3500
		4000

Log Taps

Anhydrite 1383  
 Keokuk 3879  
 Lansing 3962  
 Marmaton 4331  
 Ft Scott 4486  
 R + LTD 4539