

## DRILLER'S LOG

Imperial Oil of Kansas, Inc.  
780 Fourth National Building  
Wichita 2, Kansas

Nickelson "A" 2  
C SE NE Sec. 15-9S-24W  
Graham County, Kansas

Total Depth: 4055'

Elevation: 2486' RB

Commenced: 7-2-57 Completed: 7-20-57 Production:

Contractor: Imperial Oil of Kansas, Inc.  
Wichita, Kansas

Casing Record: Set 8-5/8" Surface Pipe at 217' with 175 sacks cement.

Figures indicate bottom of formations:

Sand & Gravel	130'			
Shale & Shells	218'			
Shale	925'	Heebner	3788'	(-1302)
Sand & Shale	1680'	Toronto	3812'	(-1326)
Sand	1900'	Lansing	3826'	(-1340)
Shale	2145'	Total Depth	4055'	(-1569)
Anhydrite	2185'			
Shale & Shells	2560'			
Shale & Lime	3815'			
Lime	4055'			
Total Depth	4055'			

We hereby certify this to be a correct and accurate log of the above described well as shown on the daily drilling reports.

IMPERIAL OIL OF KANSAS, INC.

By *Ray O. Bacon*  
Vice President

Subscribed and sworn to before me this 21st day of August, 1957.

My Commission Expires:

December 19, 1960

*Luetta M. Duncan*  
Notary Public