

DRILLER'S LOG

Imperial Oil of Kansas, Inc.
903 Union National Building
Wichita 2, Kansas

Graham No. 4
SW NE NE Sec. 29-8S-24W
Graham County, Kansas

Total Depth: 3900'

Elevation: 2336' RB
Production: Salt Water Disposal

Commenced: 6-9-57 Completed : 6-19-57

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

Casing Record: Set 8-5/8" Surface Pipe at 225' with 175 sacks cement.

Figures indicate bottom of formations:

Sand & Clay	25'			
Shale	216'			
Shale & Shells	620'	Anhydrite	2046'	(-290)
Shale & Sand	1975'	Heebner	3642'	(-1306)
Shale & Red Bed	2046'	Toronto	3663'	(-1327)
Anhydrite	2080'	Lansing	3680'	(-1344)
Shale & Shells	3450'	Total Depth	3900'	(-1564)
Lime & Shale	3720'			
Lime	3900'			
Total Depth	3900'			

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: Stanley J. Boudin
Vice-President

Subscribed and sworn to before me this 10th day of July, 1957.

My Commission Expires:

December 19, 1960

Louetta M. Duncan
Notary Public

