

15-065-03088-00-00

DRILLER'S LOG

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

Zohner No. 1 (Tr 201)
C SW SW Sec. 5-8S-22W
Graham County, Kansas

Total Depth: 3650'

Elevation: 2169 R.B.
Production:

Commenced: 12-18-59 Completed: 12-30-59

IPP 89 BOPD, NW

Contractor: Imperial Oil of Kansas, Inc.
Wichita 2, Kansas

Casing Record: Set 8-5/8" Surface Pipe at 214' with 165 sacks cement.
Set 5-1/2" Production Pipe at 3650' with 100 sacks cement.

Figures indicate bottom of formations:

Surf. Clay-Sand-Shale	585'	
Shale-Sand-Shells	1360'	<u>TOPS</u>
Shale-Sand-Red Bed	1799'	
Anhydrite	1833'	Heebner 3378' (-1209)
Shale-Shells	2345'	Toronto 3402' (-1233)
Shale-Lime	2450'	Lansing 3417' (-1248)
Shale-Shells	2525'	Base Kansas City 3622' (-1453)
Shale-Lime	3370'	Rotary Total Depth 3650' (-1481)
Lime	3650'	
Total Depth	3650'	

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 *Al Bacon*
Vice-President

Subscribed and sworn to before me this 3rd of February, 1960.

My Commission Expires:

July 7, 1962

Mona L. Latier
Mona L. Latier - Notary Public