

PHILLIPS PETROLEUM COMPANY

610 Petroleum Bldg.
Wichita, Kansas
September 2, 1953

Phillips Petroleum Company
DeMalorie & Sowder Unit
Well No. (73) W-38
Section 12, T.22S, R.10E.
NW SE SE
Greenwood County, Kansas
Elevation: 1241

Mr. W. L. Kitsman
Eureka Office

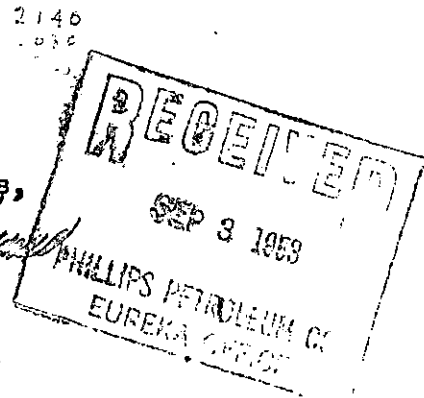
Dear Sir:

We are in receipt of the Lane -Wells Radioactivity and Neutron log surveyed at the above well August 23, 1953. We are listing below the formation markers recorded in this survey.

Tarkio	98	(/1143)
Emporia	171	(/1070)
Howard	371	(/ 870)
Topeka	467	(/ 774)
Heebner	810	(/ 431)
Toronto	821	(/ 420)
Lansing-Kansas City	1113	(/ 128)
Drum	1373	(/ 132)
Base Kansas City	1563	(- 322)
Marmaton	1675	(- 434)
Cherokee	1844	(- 603)
"M"	1944	(- 703)
Bartlesville Zone	2054	(- 813)
Shaley sand	2054-2062	(-813-821)
Sand	2062-2066	(-821-825)
Sandy shale	2066-2070	(-825-829)
Shaley sand	2070-2074	(-829-833)
Sandy shale	2074-2080	(-833-839)
Bartlesville	2080	(- 839)
Sand	2080-2091	(-839-850)
Shaley sand	2091-2094	(-850-853)
Sand	2094-2097	(-853-856)
Shaley sand	2097-2101	(-856-860)
Sand	2101-2112	(-860-871)
Shaley sand	2112-2123	(-871-882)
Shale	2123-2126	(-882-885)
Shaley sand and sand	2126-2140	(-885-899)
Shale	2140-2151	(-899-910)
Rotary total depth	2149	(- 908)
Total depth	2151	(- 910)

Very truly yours,

Roy P. Lehman
Roy P. Lehman



Bob
K

CC: L. E. Fitzjarrald
J. S. Williams
F. W. Shelton
C. A. Daniels
C. W. Cargile

RMA