

January, 1941

McNeely and Spring-Rose, No. 1 Lemke
NW/c SW 7-11S-22W

Elevation 2198 feet

Junked dry hole, drilled with Cardwell rotary below 3735 feet. Badly contaminated by Marmaton cavings. Originals more helpful than residues.

Ordovician

Arbuckle Top 3890 feet (corrected), or 1692 feet subsea. Penetration 145 feet. Overlain by reworked Simpson at base of Pennsylvanian basal conglomerate, topped at 3845 feet.

3890-4005 feet Cotter dolomite, asphaltic in topmost beds. Top CE 3905 feet approximately. Base not well marked in residues.

4005-4035 feet Total Depth. Pre-Cotter dolomite.

Remarks:

Rotary correction may raise top Arbuckle as high as 3885 feet. Well history, measurements, etc., checked with operator.

FBC

P
April, 1937.

C
McNeely #1 Lemke,
NW NW SW, 7-11S-22W,
Elevation 2198'.

Pennsylvanian conglomerate 3862-3893'

3862-3875 Clay shale, with rare coarse sand and stained chert.

3875-3893 Clay shales, green, maroon, chocolate; with included fine sand.

Arbuckle Top 3893' Penetration 142'

Sub-sea, minus 1695'

3893-3965 Cotter dolomites.

3965-4035 Pre-Cotter dolomites.

The Cotter-Pre-Cotter contact is subject to modification within a 20' range.

The top of the Pre-Cambrian is estimated to be approx. 4265'