

22442
Phillips Petroleum Co.,
Center NW,
Ellis County, Kans.

Sec. 34; T. 14S; R. 17W.
Brull #1.

By V.B. Cole.

Depths.

in 1929

Formations.

2910 to 2972'.....Shale, gray, fine, non-calcareous; Limestone, gray, finely crystalline.
2972 to 2987'.....No sample.
2987 to 3135'.....Limestone, white, finely crystalline and dense; Trace Shale, gray, non-calcareous.
3135 to 3235'.....Shale, greenish gray, fine, calcareous; Limestone, white, fine, dense.
3235 to 3240'.....Shale, grayish green, Shale, dark red, fine, non-calcareous.
3240 to 3260'.....Dodge Lime, light brownish gray, finely crystalline.
3260 to 3283'.....Shale, dark red; non-calcareous; Shale grayish green, fine grained.
Lans - 3283 to 3310'.....Limestone, white, fine and coarsely crystalline, flaky resembles Dodge Ls.
3310 to 3317'.....Shale, gray and black, fine, calcareous; Trace lime, grey.
3317 to 3420'.....Limestone, white, coarse and finely crystalline; porous, oolitic and fossiliferous; With thin beds of grayish green Shale.
3420 to 3481'.....Shale, grayish green, fine, non-calcareous; Limestone gray, white, crystalline, Fossils.
3481 to 3510'.....Basal Pennsylvanian conglomerate; Conglomerate and shale, dark red, Shale, grayish green; Chert, Sand, coarse, rounded, Jasper, Limestone.
Arb - 3510 to 3791'.....Ordovician, Dolomite, white, coarsely crystalline, sandy, Siliceous oolite; Reagan - From 3662 to 3722' very sandy.
3791 to 3798'.....No sample.
3798 to 3831'.....Sand, white, coarse, rounded; Some grains flattened; Trace sand, pink, Trace glauconite, pyrite, Trace dolomite.
P.E. - 3831 to 3895'.....Pre-Cambrian, Arkose and granite; Orthoclase, feldspar, pink, white, quartz, white and pink; Quartzite red, mica Schist. Drilled very hard from 3885 to 3895'.

TOTAL DEPTH

D. & A.