

Feb. 1942

Murphy, #1 Deines
SE SW, 36-15S-15W
Elev. 1935'

1936DF_{LL} (Printed)

Pennsylvanian conglomerate 3402' (or higher) to 3415'

3402-3410 Sandy limestone with interbedded red and
gray calcareous shales. Rare chert
pebbles near base. Marine conglomerate.
3410-3415 Conglomerate of stained chert and dark
red sandy shale.

Cotter residuum 3415'-3464' Thickness 49'

3415-3446 Chert, mostly milky. Some oolitic. Red and
white mottled clay.
3446-3456 Abundant quartzose oolitic chert. Correlated
with insoluble residue from 3406-3412'
in #1 Steinert in NE/c of same section.
3456-3464 White opaque chert. Some sand.

Arbuckle Top 3464' Penetration 15' Subsea-1529'

Pre Cotter 3464'-3479' TD

3464-3476 Dolomite, white, medium crystalline, slightly
sandy.
3476-3479 No samples.

Remarks: Restored top of Pre Cotter estimated 3456' or -1521'

3464
1938
-1526

RFW & ML