

June, 1942

Lauck & Moncrief, # 1 Miller
NE NW NW, 29-13S-14W
Elev. 1862'

Rotary

Pennsylvanian Conglomerate 3309'(30out)-3317'

3306-3315 No samples

3315-3317 White marine limestone with rare included
sand grains and rare rounded chert. Colonial
corals, Chaetaetes, common.

Arbuckle Residuum 3317'-3321'

Subsea -1455'

3317-3321 Chert and red clay shale. Chert is largely
quartzose and oolitic in basal 2'.
Basal Cotter residuum.

Arbuckle Top 3321' Penetration 57'

Subsea -1459'

Pre Cotter 3321'-3378' TD Post Boyce

3321-3330 Dolomite, buff, brown, pink to red. Fine
to dense.

3330-3348 Dolomite, red, medium, with vuggy porosity
partly plugged with red clay. Some fine
dolomite, ~~finer~~ brown to red.

3348-3353 Dolomite, buff, dense, sugary.

3353-3378 (uncirculated TD) Dolomite, white, medium to
coarsely crystalline, porous.

Remarks: Estimated top of the Pre Cotter at 3317' or Subsea -1455'

Lauck & Moncrief, # 2 Miller
SW SW NW, 29-13S-14W
Elev. 1854'

Cable tools below pipe at 3285'

Pennsylvanian Conglomerate
None

Arbuckle Top 3291' Penetration 12'

Subsea -1437'

Post Boyce 3291'-3303' TD

3291-3300 Dolomite, white, buff, pink, dense. Has few
imbedded sand grains. Spotty oil stain.

3300-3303 Caving limestone and shale. Dolomite, medium,
white, red; rare coarse white dolomite.

RFW & ML