

December, 1945

Lario, #1 Smith
Sec. 26-18a-13w, SW NW NW
Elev. 1805'

Cable tools
3309' = 3322' corr.

Pennsylvanian conglomerate

Upper few feet of interval below may be
conglomerate.

Residuum of Arbuckle Top 3303' Subsea -1498'

3303-3318 Chert and red clay. Cherts oxidized at the
top and fresh below. Show red clay contacts.
Cherts translucent at top with quartzose
colitic cherts below. BASAL COTTER RESIDUUM.

Arbuckle Top 3318' Penetration 46' Subsea -1513'

~~3318~~- Cotter 3318'-3322'

3318-3322 Sandy dense and fine dolomites. Sand grains
mostly medium, rounded and frosted.

Pre-Cotter 3322'-3364' TD, top Subsea -1517'

3322-3332 Dolomite, buff, tightly crystalline. Includes
4% fragile white quartzose chert.

3332-3335 Buff dolomite as above but with 10% clear to
brownish quartzose chert showing stippling
of cryptozoa type.

3335-3347 White coarsely crystalline dolomite, rhombic.
Only 2% insoluble residue, mostly dead white
tripolitic doloclastic chert.

3347-3355 No samples.

3355-3358 Ground up dolomite and chert. Test reported
a HPW from 3355-3364' TD.

3358-3364 No samples.

Remarks: Dry hole drilled with cable tools in Jan. 1936.

Top of Pre-Cotter well shown in cable tool outtings
at 3322' or subsea -1517'.

RFW