

September, 1936.

Lion #1 Roth,
NW NW NW, 21-15S-18W,
Elevation 2015'

pl

Pennsylvanian conglomerate 3572-3579'
3572-3579 Chert conglomerate.

Pennsylvanian conglomerate or Ordovician residuum 3579-3596'
3579-3596 Chert, sand, and clays. Some of the chert
and sand aggregates show traces of asphaltic
material. Much of the chert is derived
from the lower part of the Cotter, hence
the possibility of residuum in place.

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|------------|-----------|-------|----------------------|---|
| Ordovician | Top | 3596' | | Sub-sea, minus 1581' |
| Arbuckle | Top | 3596' | Penetration 14' | " " " " |
| | 3596-3610 | | Pre-Cotter dolomite. | Probably in the upper 100' of the Pre-Cotter. Should be lower in the section than the producing zone of the Ruder field, but not enough section was drilled to determine this from the samples. |