

March 1934.

Prairie #1 Davidson,
NW SE. 4-168-11W,
Elevation 1862'

Pennsylvanian conglomerate. 3282-3315'

3282-3297 Clay shales and limes.

3297-3299 Clay shale and sand.

3299-3303 Sand, cherty, conglomeratic.

3303-3315 Chert, about 60'; with slightly sandy red clay.

This chert zone is probably residual rather than
a conglomerate.

Ordovician Top 3315'

Sub-sea, minus 1453'

Arbuckle Top 3315' Penetration 25'

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3315-3335 Upper Purcell It is possible that a few feet of the
Lower Miller are present. However, the
top of the lime is here essentially the
top of the Upper Purcell, equivalent to
an estimated 3299' in the well offsetting
to the north.

3335-3340 Lower Purcell. Sub-sea, minus 1473'.

No data on production.

Comparing the ^{two} wells in 4-168-11W, it will be seen that both the
Pennsylvanian and the Arbuckle structures dip toward the south. On
the top of the Arbuckle the dip is toward the north, but this is on
the weathered top of the dolomite, below a zone of chert which appears
to be residual. It is interesting that the top of this residual
chert comes nearer to being related to structure than does the ~~actual~~ top
of the actual dolomite.