

January 1940

Phillips, No. 1 Owen
SE SE SW 32-11S-17W

Elevation 2120 feet

Cable-tool dry hole, samples fairly good. Hole full of water 3685 to 3690 feet.

Ordovician

Arbuckle Top 3642 feet, or 1522 feet subsea. Penetration 265 feet.
Pennsylvanian basal conglomerate cover.

3642-3867 feet Cotter. Top of section shortly above CI zone in CJ.
Top CE 3722 feet.

3867-3907 feet Total Depth. Pre-Cotter (all post-Boyce).

Remarks:

Lower Cotter (CE-base Cotter interval) somewhat longer than normal, but lithology does not permit restriction. Thickening of basal Cotter zones may be responsible.

No Miller-Purcell has been recognized in the section.

FBC

February, 1935.

Phillips #1 Owen,
SE SE SW, 32-11S-17W,
Elevation 2120'

M.P

Pennsylvanian conglomerate. 3615-3642'

3615-3642 Green clay shales and lime nodules.

maps ok

Ordovician Top 3642'

Sub-sea, minus 1522'

Arbuckle " " Penetration 265'

" " " "

3642-3722 Miller and Purcell dolomite, undifferentiated, unzoned.

3655' is equivalent of producing horizon in 5-12S-17W.

H. F. W. 3685-3690'

3722-3850 Cotter dolomite.

3850-3907 Pre-Cotter dolomite.