

April 1943

Isern Bros., # 1 Lillard
Sec. 6-16s-11w, C&W SW SE
Elev. 1804'

Rotary

Pennsylvanian conglomerate 3258'-3265'

3258-3260 Conglomerate. At top is buff limestone with included rounded medium sand grains. This grades downward into a conglomerate of rounded pebbles of fresh, hard Cotter cherts in part oolitic, a few of which show adhering coarse recrystallized sand grains. Some clusters of such sand, porous. Three chips of Post Boyce dolomite, interpreted as contamination.

3260-3265 Samples worthless. Dakota siderite, etc. Coring.

Residuum of Arbuckle 3265'-3271' Top, Subsea -1461'

3265-3271 Clay, pale green-white, pyritic. Some buff compact quartzose chert. Post Boyce residuum.

Arbuckle Top 3271' Penetration 7' Subsea -1467'

3271-3274 Dolomite, white, medium-to-coarse with pale green clay in porosity. Solution riddled section gradational into residuum above. Post Boyce.

3274-3278 Dolomite, white, coarse.

Remarks: Restored top of Pre Cotter estimated at 3241' or -1437' E a figure which may be too low by 10' or more.

Test abandoned.

RFW