

Feb. 1943

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Sinclair-Prairie, # 3 Joe Prusa  
Sec. 20-16s-11w, NW NE  
Elev. 1850' <sup>yr</sup> <sub>u</sub> P

Rotary

Pennsylvanian conglomerate 3272'-3279'

3272-3279 Sandy limestone. Buff to white marine limestone with included sand grains, rare chert pebbles, and rare Pre Cambrian quartzite fragments. Marine conglomerate.

Land Wash 3279'-3302'

Top, Subsea -1429'

3279-3302 Cotter cherts, in part quartzose and oolitic, showing red shale contacts. Sand and quartzite lacking. Some semblance of a sequence. Possibly slumped basal Cotter residuum.

Arbuckle Top 3302' Penetration 12'

Subsea -1452'

Boyce residual sand 3302'-3314' TD

3302-3305 Sand as below.

3305 Core chip. Sand, friable, oilstained, recrystallized poorly sorted, largely medium, ranges to very coarse. Spotty green streaks--clay. Some red sand grains. A few included large flakes and books of muscovite.

3309 Core chip. Medium and coarse sand tightly cemented by secondary silica with a few unfilled voids. A sedimentary quartzite.

3309-3314 Sand, friable, much recrystallized with resulting low porosity. Some quartzitic sand.

Remarks: Test produced some oil from the Boyce residual sand in spite of the low subsea datum. Given a potential of 449 bbls of oil and 150 bbls water from Boyce sand in June, 1939. Test plugged back to Lansing in Feb. 1941 where it was given a depthograph potential of 2953 bbls of oil.

RFW