

December, 1942

Magnolia, # 1 Ruby Estate
C S $\frac{1}{2}$ SW NE, 25-14s-13w
Elev. 1705'

Rotary 3148'

Pennsylvanian Conglomerate 3132-3145'

3132-3145 Marine conglomerate. Sandy limestone at top, white mottled red, grading downward into lime cemented conglomerate of chert and sand. Oxidized hard chert pebbles, bright red, etc. much worn and rounded, includes both Cotter oolitic chert and, near base, Boyce sandy chert. Sand grains are coarse, rounded. Small rotary samples.

Arbuckle Top 3145' Penetration 8' Subsea -1440'
3145-3148 Dolomite, white, medium crystalline. Sand free to slightly sandy to very sandy. Included sand grains are medium. Rare red grains in dolomite. Post Boyce, near top of Boyce. Boyce sandy chert present in small rotary samples interpreted as caving from conglomerate.
3148-3153 No samples. Test made 2400' of water at 3153' TD.

Remarks: Test abandoned. Dry in Lansing as well as Arbuckle.

RFW