

November, 1942

Shell, # 2 Ruby
SE NW NE, 36-14s-13w
Elev. 1680' *PF, P*

Rotary to TD

Pennsylvanian conglomerate

None. Lower circulation samples show that basal foot or two of marine limestone is slightly sandy.

Arbuckle Top 3110' Penetration 50' Subsea -1430'

Boyce sand 3110'-3149'

- 3110-3117 Dolomite, white to light brown, slightly sandy, finely crystalline, very hard and tight, becoming granular in basal two feet where oilstained. Slightly sandy and shows some sandy quartzose chert in lower part.
- 3117-3126 Sand, dolomitic at top, friable below, with variable amounts of silica cement. Grains medium and coarse, faceted. Few red (feldspar) grains. Oilstained.
- 3126-3149 Rotary samples poor. Some coarse and medium sand, partly silicified and loose. Probably drilling friable sand.

Dolomite, probably Pre Boyce member, 3149-3160' TD.

- 3149-3160 Dolomite, light brown, fine, granular, with about 5% included very fine sand grains; rare red grains.

Remarks: Test made potential of 1971 bbls oil and 794 bbls water from Boyce sand, 3119'-~~3126~~' , through perforations.

RFW