August, 1942

Stanolind, # 4-A Booth
CSL NE NW, 32-11S-15W
Elev. 1820'

Rotary to 3272'
P. B. to pay at 3197-3202
(Penn)

Pennsylvanian Conglomerate

Sample from 3218-3224', cream limestone, silty to very fine sandy, includes a trace of purple stained chert which shows intermittently as cavings in lower samples.

Probably about 2' of chert conglomerate.

Arbuckle Top 3224' Penetration 83' Subsea -1404'

Pre Cotter, post-Everleigh & pre-Boyce 3224'-3265'

3224-3250 Dolomite, brown, medium and medium to coarse, in part oilstained. Includes about 5% (secondary ?) quartzose chert at top and from 3 to 6% sand.

3250-3265 Samples much contaminated with Penn. limestone, shaly limestone, and bedded flaky calcareous green-gray shale. Small amounts of light brown medium dolomite. Residues show from 3 to 5% friable consolidated fine recrystallized sand and some druzy quartzose chert.

Everleigh-Reagan sand 3265'-3307'

3265-3295 Sand, clean, loose, medium and coarse, in part recrystallized.

3295-3307 Sand, coarse and medium, with a trace of feldspar near base. Samples contaminated with Penn. limestone and shale cavings.

Pre Cambrian Top 3307' Penetration 51' Subsea -1487'

3307-3317 Weathered residual waxy pale green clay with included micas. Rare pink feldspar near base. Gradational downward into

3317-3358 TD. Granite. Much weathered at top with pink feldspar becoming fresher and more abundant with depth. Bottomed in fresh pink granite. Some traces of red schist in samples.

Remarks: Except for a few excellent cable tool samples in the Everleigh sand, samples (both rotary and cable) are only fair to poor.

The dolomite from 3250-3265' may also be Everleigh. To the south in the Gorham field, 14S-14W, 90' of Everleigh-Reagan sand is present as compared to only 42' in this test.

RFW & ML