

April, 1943

Derby & Crow, # A-1 Frees
Sec. 34-16s-11w, CWL. NW NE
Elev. 1941'

Rotary

Pennsylvanian conglomerate 3377'-3383'

3377-3383 Limestone, buff, marine, with rare included sand grains and, at base, with worn pebbles of Cotter cherts. Marine conglomerate.

Residuum of Arbuckle 3383'-3423' Top, Subsea -1442'

3383-3410 Cherts and red clay. White and pink cherts with red clay contacts throughout. Quartzose oolitic chert is abundant between 3390' and 3400'. Residuum of basal Cotter.

3410-3423 Red clay and chert. Cherts are largely milky and show red clay contacts. Some light green pyritic clay at base. Residuum of Pre Cotter.

Arbuckle Top 3423' Penetration 5' Subsea -1482'

3423-3428 Dolomite, white, medium-to-coarse. Post Boyce.

Remarks: No Arbuckle structural estimate can be made.

Test abandoned.

RFW