

June 1943

Hollow, #1 Debes  
Sec. 30-17s-11w, CwL SW NW  
Elev. 1848'

Rotary

Pennsylvanian conglomerate 3331'-3348'

3331-3348 Limestone with rare included sand grains. Some interbedded red clay shale with a few included sand grains. Marine conglomerate.

Land Wash Top 3348' Top of pre-Penn. surface, Subsea -1500'

3348-3360 Chert. Oxidized Cotter cherts showing red clay contacts. Quartzose oolitic chert is abundant.

3360-3375 Samples poor. Some chert and clay as above.  
3375-3382 Chert, pink and white cloudy to milky cherts. Could be Cotter residuum.

Arbuckle Top 3382' Penetration 32' Subsea -1534'

Cotter 3382'-3400'

3382-3395 Dolomite, largely brown, fine, granular. Some white medium and some dense. Not much chert present.

3395-3400 Dolomite, dense, sandy.

Pre Cotter 3400'-3414'

3400-3405 Dolomite, dense, white, sandy, with some green clay. Rare medium white dolomite.

3405-3412 Dolomite, medium, white. Traces of coarse dolomite.  
3412-3414 No samples.

Remarks. Dry hole.

Top of Pre Cotter drilled at 3400', or Subsea -1552'

RFW