

Tulsa, Oklahoma  
July 6, 1944

Davis-Child Motor Company #1 Byerlein  
Section 17-3S-18W, C SW NE  
Elev. 1960' *DF* *623* *P*

Rotary

Pennsylvanian Conglomerate 3575'-3605'

3575-3580 Sandy limestone.  
3580-3590 Sand, probably porous. Coarse rounded sand grains  
stained red. Rare worn dark-red Arbuckle oolitic  
chert pebbles.  
3590-3600 Sand and clay. Limy sand with recrystallized grains  
and rare included individual chert oolites.  
3600-3605 Chert. Quartzose oolitic chert showing red clay  
contacts. Probably Cotter residuum.

Arbuckle Top 3605' Penetration 53'

Subsea -1645'

Cotter 3605'- 3640'

3605-3620 Dolomite, coarsely crystalline, buff, white, and red.  
Rare scattered vugs.  
3620-3625 Dolomite, buff medium with abundant vugs.  
3625-3630 Oolitic dolomite, white to buff dense and fine. Oolites  
are not silicified and have dissolved out leaving  
oolocastic porosity.  
3630-3640 Dolomite, buff fine and dense with rare included sand  
grains.

Pre Cotter 3640'- 3658' T.D.

3640-3658 Dolomite, white coarsely crystalline.

Remarks: Dry hole.

RFW:HL