

May 1945

Magnolia #4 Schroeder
33-163-10W C SW SE
Elev. 1843'

Cable tools below 3306'

Residuum of Arbuckle Top 3297' Subsea -1454'

3297-3301 Fresh translucent chert and bright green shale. Either
residuum or conglomerate

Arbuckle Top 3301' Penetration 19' Subsea -1458'

Cotter 3301-3320' T.D.

3301-3306 Brown, medium crystalline dolomite with abundant translucent
chert which includes large clear oolites and rare quartzose
oolites. Zone CN.

3306-3316 Non-porous dolomite. Granular, fine dolomite with inter-
stitial soft doloclastic tripolitic chert which plugs the
porosity. Interbedded green shale. Some large brown
smooth individual chert oolites.

3316-3320 Granular, brown dolomite, in part as above and in part
with intergranular porosity due to the lack of tripolitic
chert in two or three feet of this interval. Some trans-
lucent chert with oolitoids.

Remarks: The restored top of the Cotter is estimated at 3290' (-1447').

Potential 103 barrels of oil and 3 barrels of water after acidizing.

RFW:HL