

February 1945

Magnolia #6 Schroeder
Section 26-169-10", C EL NW SW
Elev. 1827'

Cable tools below 1313-3308'

Pennsylvanian Conglomerate

3275-3285 Slightly sandy limestone. Buff, pink, and red limestones with interbedded red shales. BKC 3275'. Marine conglomerate.

Simpson Top 3285' Thickness 21'

3285-3306 Green shales with two or three feet of fine sand at the base.

Arbuckle Top 3306' Penetration 551' Subsea -1479'

Miller-Purcell 3306'- 3380' Thickness 74'
3306-3320 Miller, probably zones 5 to 9.
3320-3325 Miller, zone 10.
3325-3380 Purcell. Can be correlated in detail with the Prairie #1 Stratman, 1-173-10W. The Stratman well was correlated, by Littlefield in 1933, directly with the Langston-Green #1 Purcell, 33-193-27. Zones are as follows: zone 3, 3335-3340; zone 4, 3340-3345; zone 5, 3345-3353; zone 6, 3353-3360; zone 7, 3360-3364; zone 8, 3364-3375; zone 9, 3375-3380'.

Cotter 3380'- 3617' Thickness 237'
3380-3395 Brown dolomite with 25 to 40% translucent and milky cherts. Probably Zone IV of Conselman.
3395-3440 Cherty brown dolomites. A zone of brown quartzose chert with a few big oolites, at the top is probably CN, correlated as Zone III of Conselman.
3440-3450 Residual clay, gray-green. One sample. Caves badly and contaminates some of the lower samples.
3450-3515 Cherty brown dolomites with included sand grains common. Zone II of Conselman.
3515-3617 Cherty and sandy brown dolomites. CE zone of brown quartzose oolitic chert in the top 5 feet. Sandy chert and sand in the lower half. Correlated with the Syndicate #1 Boertz, 13-183-17W. Zone I of Conselman.

Pre Cotter 3617'- 3657' Thickness 240' Top -1790'

Post Boyce 3617'- 3738'.

Boyce 3738'- 3782'. Sandy dolomite and dolomitic sand. Strong zone of sandy quartzose chert at the top. Rests directly on Everleigh with no Pre Boyce or Weigel present.

Everleigh-Reagan 3782'- 3857'. Clean, porous, friable, medium and coarse sand. An excellent disposal zone.

Pre-Cambrian Top 3857' Penetration 22' Subsea -2030'

3857-3879' Granite. Coarse pink biotite granite, weathered at the top, with Kaolin and chlorite abundant.

Remarks: This cable tool S&W well is a type section for the Arbuckle in the Stoltenberg where it appears that several samples were sacked up from one bailer run.