

Feb. 1943

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Shell, # 1 Redetzke
Sec. 19-16s-11w *NESE*
Elev. 1894' *DF* *P*

Rotary to TD

Pennsylvanian Conglomerate

Occasional sand grains are present in clean buff limestones as high as 3305'. Upper 5' of interval below may be marine conglomerate.

Arbuckle Residuum 3320' - 3359'

Top, Subsea -1426'

3320-3359 Cherts, fresh, white, with a semblance of a sequence. At top are basal Cotter types including loose large white oolites, sand center oolites, brown quartzose oolitic chert, and milky chert. Cherts present near 3335' are largely milky to clear and appear to be Post Boyce types. Interval from 3340' - 3360' is rather poorly sampled. Light green residual clays become fairly abundant at the base. Some loose rounded sand grains, medium and coarse, especially abundant in top 15'. Residuum of Cotter and Pre Cotter.

Arbuckle Top 3359' Penetration 6'

Subsea -1465'

3359-3365 Dolomite, sandy, light brown, fine to medium crystalline. Includes rare red sand grains and occasional large muscovite flakes. Pre Cotter, Boyce sandy dolomite.

Remarks: Test abandoned.

RFW