

To replace sheet of June 1941

April 1943

Wolf Creek, # 1 Kraft
Sec. 26-16s-11w
Elev. 1933' DF _{ks} P

Cable tools

Pennsylvanian Conglomerate

Upper two or three feet of interval below
may have been reworked by Pennsylvanian seas.

Residuum of Arbuckle 3367'-3374' Top, Subsea -1434'
3367-3374 Oxidized Cotter cherts showing red clay contacts.
At base are pale green residual clays.
Residuum of both Cotter and Pre Cotter.

Arbuckle Top 3374' Penetration 46' Subsea -1441'

3374-3388 Dolomite, white and buff-white, medium-to-coarsely
crystalline. About 20% chert in residues, of
which part (quartzose oolitic) is caving from
residuum. Cloudy white translucent chert, in
part sandy, is in place. Post Boyce member
of Pre Cotter.

3388-3420 Dolomite, white, coarsely crystalline. Upper
beds include 2 to 5% fine sand. Quartzose
chert, buff to light brown is present from
3388'-3394' and from 3400' to 3420' TD but
is strongly developed near 3405' where it
reaches 47% of the sample. Similiar chert
is found in several tests in Township 17s-11w
at this stratigraphic level. Post Boyce.
Slight oil stain 3388'-3395'.

Remarks: Restored top of Pre Cotter estimated at 3363' or -1430' E
Test abandoned.

RFW

June, 1941

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Wolf Creek, No. 1 Kraft
SW/c 26-16S-11W

Elevation 1933 feet

Abandoned cable-tool test with oil show indicated by samples in top of pre-Cotter.

Pennsylvanian

Basal conglomerate 3367-3374 feet. Oxidized Cotter cherts and red clays. Probably includes thin residuum zone at base, inseparable as sampled. Marmaton cover.

Ordovician

Arbuckle top 3374 feet (split from 10-foot sample), or 1441 feet subsea. Driller's top 4 feet lower; previous call by Mr. Honess 2 feet higher. Penetration 46 feet.

3374-3388 feet Cotter, Zone I. Buff medium crystalline dolomites with cloudy white translucent chert and abundant quartzose oolite.

3388-3420 feet TD. Pre-Cotter, post-Boyce. Oil-stained to 3397 feet. Sandy in upper beds. Strong local development of smoky quartzose cherts and silicified cryptozoa 3403-3409 feet.

FBC

John E.