

December, 1942

Stanolind, # 1-B Bond
C S $\frac{1}{2}$ SW SE, 23-14s-13w
Elev. 1734'

Cable tools

Pennsylvanian Conglomerate 3170'-3180'
3170-3175 Sandy buff limestone with included oxidized
chert fragments.
3175-3180 Chert conglomerate. Yellow, pink, white, oxidized
hard flinty chert fragments. Marine conglomerate.

Arbuckle Residuum 3180'-3200' Top, Subsea -1446'
3180-3186 Cotter cherts, largely quartzose, oolitic.
Abundant loose oolites. May be locally
reworked material, or Land Wash.
3186-3191 Cotter cherts, quartzose oolitic and milky.
Some red sandy clay. Only about 8% sand.
3191-3196 Clay, chert, and sand. Milky chert as above,
about 20 to 40% round medium sand, and sandy
dark red clay. From 3180' to 3196' the
basal Cotter sequence of quartzose oolitic
chert, milky chert, then sand, well shown.
3196-3200 Clay sandy, dark red to pale green-white. Post
Boyce residuum.

Arbuckle Top 3200' Penetration 16' Subsea -1466'
3200-3210 Dolomite, white coarsely crystalline. Post Boyce.
3210-3216 Fine sand, green clay, and dolomite. Sample
includes 50% sand, fine to medium, recrystallized,
in part consolidated. Green clay shale is only
slightly sandy. Questionably interpreted as
Boyce. Coarse sand and sandy quartzose chert
characterizing the Upper Boyce in Sections
25 and 36 of this township are lacking here.
Test made HFW from this sand at ~~3216'~~ 3216' TD.

Remarks: Test dry and plugged back to Lansing. Solution erosion of
Arbuckle dolomite, producing in offset wells to the Northwest,
West, and South, well shown by this test.

P B to Lansing

IP 880 Do. RFW