April 1943

Skelly, # 1 Hoffman
Sec. 18-16s-11w, CWL SW SW
Elev. 1875'

Rotary

Pennsylvanian conglomerate 3314'-3355'

3314-3320	Sandy lime. Clean buff limestone with a few included sand grains grading downward into very sandy limestone. Sand grains are medium and coarse, faceted, derived from the Boyce.
3320-3326	Conglomeratic limestone. A matirx of white limestone crowded with varied sand grains ranging from fine to very coarse (plus 1 mm.) with included chert pebbles. Cherts are largely translucent types, worn. Some quartzose oolitic chert pebbles from Cotter. Poor sorting characterized this conglomeratic limestone. Marine conglomerate.
3326-3330	Fine sand. Fine to very fine sand, well sorted, recrystallized grains. An occassional individual chert oolite from the Arbuckle is included. Sand is porous and brown--oilstained? A few fragments grade into limy sand. Marine cong.
3330-3355	Questionable what was drilled in this interval. At top, samples include much limy sand-chert conglomerate as above and some fine sand as above. These become scarcer downward and bulk of the rotary samples is sand-free light colored Pennsylvanian limestone. No circulation samples between 3333' and 3366'.

Arbuckle Top 3355' Penetration 19' Subsea -1480'

3355-3365	Dolomite, buff, fine-to-medium, with included fine and medium sand grains. First present in sample 3355'-3357': top may be 5' or 10' higher due to rotary lag. Boyce.
3365-3374	Sandy dolomite, buff, medium. Sand grains are medium and coarse and include some red grains. Sandy quartzose chert with voids present. Dolomite shows vugs lined with quartz crystals. Scout top of Arbuckle 3365'. Boyce sandy dol.

Remarks: Test abandoned.

RFW