Feb., 1943

Derby, # 1 Esfeld
(Samples labeled # 9 Esfeld)
Sec. 29-16s-11w, SW NW — Rotary
Elev. 1889' DF, Lus P

Pennsylvanian conglomerate 3285'-3297'

3285-3297 Sandy limestone. Clean buff lime with a few included sand grains and quartzite fragments. Some translucent Cotter cherts present near base. Marine conglomerate.

Arbuckle Top 3297' Penetration 17' Subsea -1408'

3297-3308 Sand, silicified to friable, medium and coarse grains. Secondary quartzose cement has a few hazy oolites. Top from Price, Letter # 6 1940. Boyce sand; residuum of sandy dolomite.

3308-3314 No samples. Cored 3311-3314' TD, recovered saturated sand.

Remarks: Test given depthograph potential of 1715 bbls oil.