

Feb. 1943

Gulf, # 3 Joseph  
29-16s-11w, CEL NW SW  
Elev. 1881' DF

Rotary to 3317'

Pennsylvanian Conglomerate 3310'-3314'

3310-3314 Conglomerate of fresh Cotter cherts, ~~and~~ in part quartzose and oolitic, and loose rounded medium sand grains. Sand grains are present in limestone as high as 3302'. Marine cong.

Arbuckle Top 3314' Penetration 9' Subsea -1433'

3314-3317 Samples poor. Cored 3311'-3317' with the following recovery according to the production department:

- 1' sandy shaly dolomite
- 8" chert pebbles, small oil show.
- 4" Gorham sand. Good show and free oil.

Total recovery, 2'. Core not examined in Tulsa geology lab. Top Arbuckle after Price, Letter # 37, 1941.

3317-3319 No sample.

3319-3323 Sand, medium and coarse, faceted, loose to very friable. At top is some partly silicified sand and clear secondary quartzose silica with hazy solid oolites. In basal few inches sandy fine to medium granular dolomite is present. Pre Cotter, Boyce member.

Remarks: Test made a small producer.

RFW