

March, 1942

Cities Service, # A-1 Ray
NE NW SE, 32-5S-20W
Elev. 2156'
Rotary to TD

147 00991

Pennsylvanian Conglomerate 3538'-3543'

3538-3543 Pyritic white limestone with a few imbedded sand grains. Sandy green clay abundant as cavings in lower samples belongs here.

Sand Top 3543' Penetration 32' Subsea -1387'
3543-3575 Sand, friable, porous, poorly shown in 10' rotary samples. No circulation before 3571', or 28' in the sand. Cities Service top used although it seems a few feet too high from sample evidence. Reported as Everleigh-Reagan by Conselman (37-1940) before it was known that Everleigh dolomite rested on Reagan sand approximately 3/8 the mile north.

Pre Cambrian Top 3575' Penetration 28' Subsea -1419'
3575-3594 Weathered arkosic quartzite. First seen in circulation samples at 3586'. Top reported at 3575' by Conselman (37-1940) "from cores".
3594-3603 TD Granite. Pink feldspar, quartz, biotite.

Remarks: Completed in August, 1940 as the discovery well in the Ray Field.