

CHARLES N. HEWITT
CONSULTING GEOLOGIST
507 PETROLEUM BLDG. - AMARILLO, TEXAS 79101
Phone 374-0541

National Petroleum #1 Reeve-Chappell

- 1630- 50 Colorless to green very fine grained, subrounded limy sandstone, no show.
- 1650- 70 Shale as above, mostly red.
- 1670- 90 Shale as above, some very fine grain gypsiferous sandstone stringers.
- 1690-1730 Red to reddish-brown blocky, sandy shale.
- 1730- 45 Red very fine grain, well rounded, fairly well sorted, gypsiferous sandstone, no show.
- 1745- 70 TOP SAN ANDRES (Blaine) White crystalline anhydrite, some gypsum.
- 1770- 80 As above, some red soft blocky, silty shale stringers.
- 1780- 95 Brown oolitic, gypsiferous dolomite, good porosity, low order fluorescence, no cut. Probable saltwater.
- 1795-1800 Tan to brown finely crystalline to dense dolomite.
- 1800- 10 Anhydrite as above.
- 1810- 40 Dolomite as above, some gray-green shale stringers.
- 1840- 80 Red, maroon variegated shale.
- 1880-1910 Anhydrite and gypsum as above.
- 1910- 20 Brown finely crystalline and oolitic dolomite, fair pin point porosity, no show.
- 1920- 50 Brown finely crystalline dolomite, no apparent porosity.
- 1950- 90 Brown finely crystalline and oolitic dolomite, fair pin point porosity, low order fluorescence, probably saltwater.
- 1990-2020 Anhydrite as above, some saltcasts.
- 2020- 40 As above, some gray-green shale stringers.
- 2040- 60 White gypsum.
- 2060- 70 Brown finely crystalline to sucrosic dolomite, fair to good pin point porosity, no show.
- 2070- 80 As above, becoming medium crystalline, no apparent porosity.