

Surface Formation:

Quaternary Sand

Geological Markers:

Yates 2855', Queen 3855', Penrose 4365', San Andres 4500',
Bone Springs Sand 8350', Dolomite 8850'.

Estimated depth at which water, oil, gas are expected to be encountered:

Upper Bone Springs - 8500' - 8540'

Mud Program:

Surface to 450' - gel and lime for hole conditions to 450'.

450-4500' - brine. Add lime and mud-seal for seepage 10 pH.

4500' - TD - cut brine with lime and mud-seal for seepage.

Logging:

Gamma-Ray Acoustic with Caliper - TD to surface pipe.
Guard-Forxo through indicated porosity and shows.