

APPLICATION FOR PERMIT TO DRILL

1. The geologic surface formation is Quaternary.
2. The estimated tops of important geologic markers are:
 1. 1st Bone Spring Sand 7265
 2. 1st Bone Spring Carbonate 7630
 3. 2nd Bone Spring Sand 8020
 4. _____
 5. _____
 6. _____
 7. _____
 8. _____
 9. _____
 10. _____
3. Depths at which oil, water, or gas bearing formations are expected to be encountered.

Bone Spring 7265 - 8350 feet
4. Brief description of testing, logging, and coring programs.

Drill Stem test as necessary
Gamma Ray: Surface to TD
Sonic and/or Neutron Density: 2300' +/- to TD
Mud Logger: 2300' +/- to TD
No coring anticipated
5. Any anticipated abnormal pressures or temperatures expected? Any potential hazards - H₂S?

No abnormal pressures/temperatures anticipated.

No H₂S zones expected.