

APPLICATION FOR PERMIT TO DRILL

1. The geologic surface formation is Quaternary.

2. The estimated tops of important geologic markers are:

1. <u>1st Bone Spring Sand</u>	<u>7200'</u>	6. _____
2. <u>1st B.S. Carbonate</u>	<u>7450</u>	7. _____
3. <u>2nd Bone Spring Sand</u>	<u>7750</u>	8. _____
4. <u>3rd Bone Spring Sand</u>	<u>8725</u>	9. _____
5. _____		10. _____

3. Depths at which oil, water, or gas bearing formations are expected to be encountered.

Bone Spring 7200 to 8975

4. Brief description of testing, logging, and coring programs.

Drill Stem test as necessary.

Gamma Ray: Surface - 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.