

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>7275</u>	6. _____
2. <u>1st B.S. Carbonate</u>	<u>7560</u>	7. _____
3. <u>2nd Bone Spring Sand</u>	<u>7860</u>	8. _____
4. <u>34d Bone Spring Sand</u>	<u>8800</u>	9. _____
5. _____		10. _____

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

Bone Spring 7275 - 9170

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?

None anticipated

No H₂S zones expected.