

APPLICATION FOR PERMIT TO DRILL

1. The geologic surface formation is Salado

2. The estimated tops of important geologic markers are:

1. Delaware Lime	2270	6. Atoka Lime	11250
2. Bone Spring Lime	5840	7. Morrow Clastics	11750
3. 3rd Bone Spring Sand	8620	8.	
4. Wolfcamp	9070	9.	
5. Strawn Lime	10950	10.	

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

Wolfcamp 9970'
 Strawn 10950'
 Morrow Sands 11750'-12400'

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

DST as necessary
 Logging - Mud logger on hole 2250 - TD
 Electric Log Program:
 Surface - TD GR - Sonic Dipmeter 10800 - TD
 10800 - TD Neut - Dens.
 2250 - TD Dual LL or DIL

5. Any anticipated abnormal pressures of temperatures expected? Any potential hazards -H₂S?

NONE