

APPLICATION FOR PERMIT TO DRILL

1. The geologic surface formation is Quaternary.
2. The estimated tops of important geologic markers are:

1. <u>Wolfcamp</u> <u>13,300</u>	6. _____
2. <u>Atoka</u> <u>14,350</u>	7. _____
3. <u>Morrow</u> <u>14,900</u>	8. _____
4. _____	9. _____
5. _____	10. _____
3. Depths at which oil, water, or gas bearing formations are expected to be encountered.

14,900' to 16,000' Morrow
4. Brief description of testing, logging, and coring programs.

Drill Stem test as necessary
GR/Sonic/Density/DLL - 13,500' to TD
Neutron - Surface to TD
Mud Logger: Top Wolfcamp to TD
No coring anticipated
5. Any anticipated abnormal pressures or temperatures expected? Any potential hazards - H₂S?

Possible abnormal pressures from Wolfcamp through the Atoka

No H₂S zones expected.