

**Application**  
**HARVEY E. YATES COMPANY**  
Bennett Ranch Unit #1  
Section 14, T26S, R12E  
Otero County, New Mexico

In conjunction with Form 3160-3, Application for Permit to Drill/Deepen the subject well, Harvey E. Yates Company submit the following ten items of pertinent information in accordance with Onshore Oil & Gas Order No. 10.

1. **Geologic Name of Surface Formation:** Yeso

2. **Estimated Tops of Significant Geological Markers:**

Yeso @ surface; Wolfcamp @ 972'; Base Pow Wow @ 2714'; Strawn @ 3070';  
Atoka @ 3784'; Morrow @ 4294'; Upper Miss @ 4683'; Lower Miss @ 4772';  
Woodford @ 5084'; Fusselman @ 5216'; Montoya @ 5875'; Ellenberger @ 6231'

3. **The Estimated Depths at which Water, Oil, or Gas Formations are expected.**

Water: Wolfcamp @ approx 850'  
Oil: Fusselman @ 5216'  
Gas: Fusselman @ 5216'

4. **Proposed Casing Program:** See Form 3160-3. Production casing will be run and cemented per Form 3160-3.

5. **Pressure Control Equipment: BOP & Annular.** See EXHIBIT C. Although the rig equipment is 3M rated, this well will be a 2M psi rating.

6. **Drilling Fluid Program:** See Form 3160-3.

7. **Auxiliary Equipment:** Blowout preventer and H2S compliance package.

8. **Testing, Logging & Coring Program:** A 60' core to be taken in the Fusselman and 25 sidewall cores allocated throughout wellbore. Three DST tests taken in Fusselman porosity, possible others at geologist's discretion. We will run CNL-FDC/Calipers w/GR, DIL-Micro/Calipers w/GR & Sonic logs in cased hole.

