

Application
Harvey E. Yates Company
Bennett Ranch Unit # 25-1
Section 25, T26S, R12E
Otero County, New Mexico

In conjunction with Form 3160-3, Application For Permit To Drill Or Deepen subject well, Harvey E. Yates Company submits 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 Geologic Markers:
Yeso Surface, Abo 400', Hueco (Wolfcamp) 650', Powwow 2,150', Penn Shale 2,400', Canyon Sands 2,750', Penn Ls (Strawn) 3,125', Morrow Clastics 3,800', T/Sill (4,500' Pay)-U. Miss 3,910', Fusselman 4,325', El Paso (Ellenburger) 5,200', Bliss 6,315'.
3. Estimated Depths at which Water, Oil, or Gas Formations are expected:
Water: Wolfcamp @ approx. 650'
Oil: 4,500' pay @ approx. 3,910'
Gas: 4,500' pay @ approx. 3,910'
4. Proposed Casing Program:
See Form 3160-3.
5. Pressure Control Equipment:
BOP & Annular. See EXHIBIT C. Although the rig equipment is rated 3M rated, this well will be rated 2M.
6. Drilling Fluid Program:
See Form 3160-3
7. Auxiliary Equipment:
None
8. Testing, Logging, & Coring Program:
Possible rotary sidewall cores will be taken, and two DSTs are planned The planned logs are CNL, LDT, DLL-MLL (or DIL), GR, Sonic, & FMI
9. Abnormal Conditions, Pressures, Temperatures, or Potential Hazards:
No abnormal conditions are anticipated in this well bore.
BHST-131 deg F
BHP-1,300 psi.
10. Anticipated Starting Date & Duration of Operation:
Spud Date: ASAP. Duration of this project will be approximately 30 days from start of construction of drilling pad until finish of completion operations.