

APPLICATION FOR DRILLING

CURTIS HANKAMER  
HANSON FEDERAL #1-B  
744' FWL and 458' FSL  
Section 12 -T26S - R-29-E  
EDDY COUNTY, NEW MEXICO

In conjunction with Form 9-331C, Application for Permit to Drill subject well, Curtis Hankamer submits the following ten items of pertinent information in accordance with USGS requirements:

1. The geologic surface formation is Delaware.
2. The estimated tops of geologic markers are as follows:  
  
Delaware Sand - 3200'
3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:  
  
Water: Approximately 300 feet below surface.  
  
Oil or gas: Delaware Sand: approximately 3200' - 3350'.
4. Proposed Casing Program: See Form 9-331C & Exhibit "F".
5. Pressure Control Equipment: See Form 9-331C & Exhibit "E".
6. Mud Program: See Exhibit "G".
7. Auxiliary Equipment: See Exhibit "H".
8. Logging: Sonic Log to TD.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: January, 1982.