

APPLICATION FOR DRILLING  
Hondo Drilling Company  
Alscott Federal Well No. 3  
Section 31-T18S-R29E  
Eddy County, New Mexico

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

1. The geologic surface formation is quaternary alluvium.
2. The estimated tops of geologic markers are as follows:

Yates	895'	Wolfcamp	8645'
Queen	1852'	Cisco	9542'
San Andres	2642'	Strawn	10010'
1st Bone Springs Sand	6595'	Atoka	10340'
2nd Bone Springs Sand	7363'	Morrow	10790'
3rd Bone Springs Sand	8302'	Chester	11200'
3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered are as follows:

Water:	Possibly at approximately 200 feet to depth of approximately 800-900 feet.
Oil or Gas:	Wolfcamp - approximately 8645' to 9542'
	Cisco - approximately 9542' to 10010'
	Morrow - approximately 10010' to 11200'
4. Proposed casing program: See Form 9-331C.
5. Pressure control equipment: See Form 9-331C and Exhibit D.
6. Mud program: See Form 9-331C and attached mud program by Adobe Drilling Mud.
7. Auxiliary equipment: Blowout Preventer, Inside Blowout Preventer, Kelley Cock.
8. Testing, logging and coring programs:

Drill stem testing as warranted.
Mud logging from 8500' to TD.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: May 15, 1978 or sooner, if possible.

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