

# APPLICATION FOR DRILLING

HONDO OIL & GAS COMPANY  
H. E. WEST "B", Well No. 44  
720' FSL & 1980' FWL, Sec.3-T17S-R31E  
Eddy County, New Mexico  
Lease No.: LC-029426-B  
(Development Well)

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

1. The geologic surface formation is recent Permian with quaternary alluvium and other surficial deposits.
2. The estimated tops of geologic markers are as follows:

Rustler Anhydrite	580'	Grayburg	3225'
Top of Salt	810'	Premier Sand	3400'
Base of Salt	1725'	San Andres	3570'
Yates	1880'	Lovington Sand	3680'
Seven Rivers	2195'	TD	4050'
Queen	2810'		

3. The estimated depths at which water, oil or gas formations are anticipated to be encountered:

Water: Random fresh water from surface to 300' +/-, and water flow from injection wells possible at around 2790'.

Oil: Grayburg at approximately 3225' or below.

Gas: None anticipated.

4. Proposed Casing Program: See Form 9-331C.
5. Proposed Control Equipment: See Form 9-331C and Exhibit "E".
6. Mud Program: See Form 9-331C.
7. Auxiliary Equipment: Blowout preventer, gas detector, kelly cock, pit level monitor, flow sensors and stabbing valve.
8. Testing, Logging and Coring Program:

Drill Stem Tests: None planned.

Logging:	LDT/CNL	T.D. - 580'
	DLL RXO NGT.	T.D. - 580'
	GRN	T.D. - Surface

Coring: None planned.

9. No abnormal pressures or temperatures are anticipated. In the event abnormal pressures are encountered, the proposed mud program will be modified to increase the mud weight.
10. Anticipated starting date: 5/11/89  
Anticipated completion of drilling operations: approximately 20 days