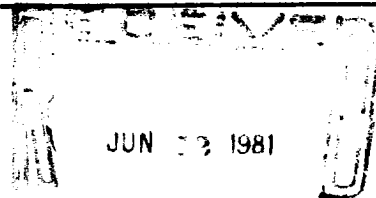


# Ray Westall



June 11, 1981

U. S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

## APPLICATION FOR DRILLING

Ray & Garel R. Westall Vola Federal #2  
1980 FSL 660 FWL  
Sec 1 T17S R31E  
Eddy County, New Mexico

In conjunction with form 9-331-C, application for permit to drill subject well, Ray Westall submits the following ten items of pertinent information in accordance with USGS requirements:

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

Yates	1400
7 Rivers	1750
Queen	2050
Grayburg	2500
San Andres	3000

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

Water:	Approximately	180'
Oil & Gas:	Yates	1400'
	7 Rivers	1700
	Queen	2050
	Grayburg	2500'
	San Andres	3000

4. Proposed Casing Program: See form 9-333-C.
5. Pressure Control Equipment: See form 9-331-C and exhibit E.
6. Mud Program: Mud up 150' before TD and circulate 2 hours after TD and pull out laying down and run casing.
7. Auxiliary Equipment: N/A