

# Gulf Oil Exploration and Production Company

R. C. Anderson  
PRODUCTION MANAGER, HOBBS AREA

December 28, 1979

P. O. Box 670  
Hobbs, NM 88240

Re: Application for Permit to Drill  
Proposed Marquardt Federal Well  
No. 3, Eddy County, New Mexico

U. S. Geological Survey  
P. O. Drawer "U"  
Artesia, New Mexico 88210

Gentlemen:

We are submitting the information requested in NTL-6 which should accompany application for permit to drill.

Well: Marquardt Federal Well No. 3

1. Location: 1650' FNL & 1980' FWL of Section 12, T-25-S, R-26-E, Eddy County, New Mexico.
2. Elevation of Unprepared Ground: 3317' GL.
3. Geologic Name of Surface Formation: Quarternary Alluvium.
4. Type Drilling Tools: Rotary.
5. Proposed Drilling Depth: 9800'
6. Estimated Top of Geologic Markers: Delaware, 1990'; Bone Springs, 3740'; Wolfcamp, 8500'.
7. Estimated Depths at which Anticipated Gas or Oil-Bearing Formations Expected:  
9600' - 9750' Wolfcamp
8. Casing Program and Setting Depths:

	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>SETTING DEPTH</u>
Surface	9-5/8"	32.3#	H40	2050'
Intermediate	7"	26.0#	N80	8700'
Production	5"	15#	N80	8500'-9800'

