

Gulf Oil Exploration and Production Company

R. C. Anderson
PRODUCTION MANAGER, HOBBS AREA

August 12, 1980

P. O. Box 670
Hobbs, NM 88240

Re: Application for Permit to Drill
Proposed Marquardt Federal Well
No. ~~3~~⁷, 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~~⁷₄

- Location: ⁷⁶⁰~~660~~' FSL & 1980' FWL of Section 1, T-25-S, R-26-E, Eddy County, New Mexico.
- Elevation of Unprepared Ground: 3313 GL
- Geologic Name of Surface Formation: Quaternary Alluvium.
- Type Drilling Tools: Rotary.
- Proposed Drilling Depth: 9800'
- Estimated Top of Geologic Markers: Delaware 1990'; Bone Springs 3740'; Wolfcamp 8500'
- Estimated Depths at Which Anticipated Gas or Oil-Bearing Formations Expected: 9600' - 9750' Wolfcamp
- Casing Program and Setting Depths:

	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Setting Depth</u>
Surface	10-3/4"	40.5#	H-40	1800'
Intermediate	7-5/8"	26.4#	S-95	8700'
Production	5-1/2"	17#	N-80	8500' - 9800'

