

Gulf Oil Exploration and Production Company

R. C. Anderson
PRODUCTION MANAGER, HOBBS AREA

June 18, 1980

P. O. Box 670
Hobbs, NM 88240

Re: Application for Permit to Drill
Proposed Lake McMillan Fed. Unit #1
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 the subject well.

1. Location: 1450' FSL and 150' FEL of Section 30, Township 19 South, Range 27 East, Eddy County, New Mexico
2. Elevation of Unprepared Ground: 3324' GL
3. Geologic Name of Surface Formation: Quaternary Alluvium
4. Type of Drilling Tools: Rotary
5. Proposed Drilling Depth: 10,700'
6. Estimated Tops of Geologic Markers: Grayburg 1040'; San Andres 1573'; Bone Springs 7260'; Cisco 8090'; Atoka 9460'; Morrow 9600'; Chester 10,260'.
7. Estimated Depths at which Anticipated Gas or Oil Bearing Formations are expected: Bone Springs 7264'; Cisco 8000'-8300'; Atoka 9300'-9500'; Morrow 9600'-10,500'
8. Casing Program and Setting Depth:

	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Depth Set</u>
Surface	11-3/4"	42#	H-40	0' - 250'
Intermediate	8-5/8"	24#	K-55	0' - 2500'
Production	5 1/2"	17#	N-80	8200' - 10,700'
	5 1/2"	17#	K-55	800' - 8200'
	5 1/2"	17#	N-80	0' - 800'

9. Casing Setting Depth and Cementing Program:

A. Surface casing set at 250' and cemented with 350 sacks Class "H" with 2% CaCl₂.

