

# Gulf Oil Exploration and Production Company

R. C. Anderson  
PRODUCTION MANAGER, HOBBS AREA

September 11, 1980

P. O. Box 670  
Hobbs, NM 88240

Re: Application for Permit to Drill  
Proposed Federal Com "13" #1  
Eddy County, New Mexico

RECEIVED

SEP 12 1980

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

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

Gentlemen:

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

Well: Federal Com "13" Well No. 1

1. Location: 1650' FNL & 1650' FWL of Section 13, T-25-S, R26-E, Eddy County, New Mexico
2. Elevation of Unprepared Ground: 3241' GL
3. Geologic Name of Surface Formation: Quarternary Alluvium
4. Type Drilling Tools: Rotary
5. Proposed Drilling Depth: 11,700'
6. Estimated Top of Geologic Markers: Delaware, 2075'; Bone Springs 5475'; Wolfcamp, 8600'; Strawn, 10250'; Atoka, 10380'; Morrow, 11170'; Barnett, 11600'
7. Estimated Depths at which Anticipated Gas or Oil-Bearing Formations Expected:
  - a. 9600' - 9750' Wolfcamp
  - b. 11170' - 11650' Morrow
8. Casing Program and Setting Depths:

	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>SETTING DEPTH</u>
Surface	10-3/4"	32.7#	H40	1800'
Intermediate	7-5/8"	26.4#	N80	2600'
Production	5"	15#	N80	8400-11700'

