

# Gulf Oil Exploration and Production Company

R. C. Anderson  
PRODUCTION MANAGER, HOBBS AREA

March 4, 1981

P. O. Box 670  
Hobbs, NM 88240

Re: Application for Permit to Drill  
Proposed Lentini Federal Com  
Well No. 1, Eddy County, New  
Mexico

U. S. Geological Survey  
P. O. Drawer U  
Artesia, NM 88210

Gentlemen:

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

Well: Lentini Federal Com Well No. 1

1. Location: 2010' FSL & 1980' FWL of Section 9, T-23-S, R-28-E, Eddy County, New Mexico
2. Elevation of Unprepared Ground: 3042' GL
3. Geologic Name of Surface Formation: Quarternary Alluvium
4. Type Drilling Tools: Rotary
5. Proposed Drilling Depth: 12,800'
6. Estimated Top of Geologic Markers: Bone Springs, 6420'; Wolfcamp, 9350'; Strawn, 11,150'; Atoka, 11,300'; Morrow, 11,960'; Barnett, 12,670'.
7. Estimated Depths at Which Anticipated Gas or Oil-Bearing Formations Expected:
  - a. 11,000' - 11,200' Strawn
  - b. 11,300' - 11,700' Atoka
  - c. 11,960' - 12,670' Morrow
8. Casing Program and Setting Depths:

|                  | SIZE    | WEIGHT | GRADE       | SETTING DEPTH |
|------------------|---------|--------|-------------|---------------|
| Surface          | 16"     | 65 #   | H-40        | 400'          |
| 1st Intermediate | 10-3/4" | 40.5#  | H-40        | 2,650'        |
| 2nd Intermediate | 7-5/8"  | 26.4#  | N-80 & K-55 | 10,800'       |
| Liner            | 5"      | 15 #   | S-95        | 12,800'       |

(Continued)

