

Gulf Oil Exploration and Production Company

June 2, 1978

C. D. Borland
PRODUCTION MANAGER, HOBBS AREA

P. O. Box 670
Hobbs, NM 88240

Re: Application for Permit to Drill
Proposed Pacheco Federal Com Well
No. 3, 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: Pacheco Federal Com Well No. 1

- (1) Location: 2280'FNL and 660'FWL of Section 31, T-19-S, R-28-E, Eddy County, New Mexico.
- (2) Elevation of Unprepared Ground: 3391.3'
- (3) Geologic Name of Surface Formation: Quarternary alluvium.
- (4) Type Drilling Tools: Rotary
- (5) Proposed Drilling Depth: 11,200'.
- (6) Estimated Top of Geologic Markers: Yates, 520'; Delaware Sand, 2650'; Bone Spring, 4250'; Wolfcamp, 8610'; Strawn, 9190'; Atoka, 10,140'; Morrow, 10,650'; Barnett, 11,090'.
- (7) Estimated Depths at which Anticipated Gas or Oil-Bearing Formations Expected:
 - (a) Strawn - 9200'-9900'
 - (b) Morrow - 10,650'-11,090'
- (8) Casing Program and Setting Depths:

	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Setting Depth</u>
Surface	13-3/8"	48#	H-40	420'
Intermediate	8-5/8"	24#	K-55	3,000'
Production	5-1/2"	17#	K-55 & N-80	11,200'

