CAMPBELL & HEDRICK
P. O. BOX 401 220 MID-AMERICA BLDG.
MIDLAND, TEXAS 79701

October 24, 1977

Re: Application for Permit to
Drill Campbell & Hedrick
Elliott No. 2 Well,
Lea County, New Mexico

U.S.G.S. Geological Survey
P.O. Box 1157
Hobbs, New Mexico 88240

Gentlemen:

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

Well: Elliott No. 2

1. Location: 990 FNL & 1820.2' FEL of Sect. 6 T 23 S R 38 E Lea County, New Mexico.

2. Elevation of Unprepared Ground: 3334 GL.

3. Geologic Name of Surface Formation: Quaternary Alluvium.

4. Type Drilling Tools: Rotary

5. Proposed Drilling Depth: [illegible]

6. Estimated Top of Geologic Markers: Anhydrite 1200', Salt 1[illegible]
Salt Base 2520', Yates
San Andres 4080', Blin
Tubbs 6180', Drinkard

7. Estimated Depths at Which Anticipated Gas or Oil Formatio
are Expected: (a) Blinebry 5320' - 5700'
(b) Tubbs 6150' - 6400'
(c) Drinkard 6840' - 6975'

8. Casing Program and Setting Depths:

	Size	Weight	Grade	Setting
Surface	8 5/8	24#	H-40	1,3
Production	5½	15.5#	K-55	6,8

9. Casing Setting Depth and Cementing Program:

(a) Surface casing will be 8 5/8" set at 1300' and c

450 sacks class "C" with 6% gel and 2% ca cl 2 and 200 sacks class "C" with 2% ca cl 2.

(b) Production string will be 5½" set approximately 6825' and cemented with class "C" cement with 4% gel and class "C" neat with sufficient volume to bring cement top to top of salt section.

10. Pressure Control Equipment:

The minimum specifications for pressure control equipment are for 3000 psi working pressure. As soon as a drilling contractor is obtained a drawing showing the blowout preventer hook-up will be furnished.

11. Circulating Media:

0-1300' fresh water spud mud, 1300' to 6500' saturated salt water, 6500' to7000' salt water starch with the following properties: Viscosity 32-37 sec.; water loss 20 cc or less; weight 9.0 to 9.5. Heavier mud will be used if required by well conditions.

12. Testing Logging and Coring Programs:

(a) Formation testing may be done at any depth where samples, drilling rate, or log information indicate a possible show of oil or gas.
(b) Open hole logs will be run at total depth.
(c) No cover will be taken.

13. Abnormal Pressure or Temperature and Hydrogen Sulfide Gas:

We do not anticipate any abnormal pressure or temperature; however, BOP's with remote control and choke manifold as shown on Drawing No. 3 prior to drilling below intermediate casing.

The pressure of hydrogen sulfide gas is not anticipated.

14. Anticipated Starting Date: As soon as a rig is available.

15. Other Facets of the Proposed Operations: None

O.F. Rodrick, Jr.
Partner

OFR:dn