



## SHENANDOAH OIL CORPORATION

B. J. KELLENERGER  
PRESIDENT

1500 COMMERCE BUILDING  
FORT WORTH, TEXAS 76102  
817/332-7381  
TWX 910 690 5023

February 2, 1978

U. S. Department of the Interior  
Geological Survey - Conservation Division  
South Rocky Mountain Area  
c/o Geological Survey Office  
Post Office Drawer "U"  
Artesia, New Mexico 88210

Attention: Mr. Joe Lara

Re: Supplement to Shenandoah Oil Corporation's Application for Permit to Drill Well in Unit "E", Section 29-18S-31E, Eddy County, NM

Gentlemen:

This letter will attempt to provide all the information needed for your approval of the Application for Permit to Drill well in Unit Letter "E", Section 29-18S-31E, Eddy County, New Mexico. This information will be listed in the same order as shown in the NTL-6 Notice.

1. Location - shown on surveyor's plat
2. Elevation - shown on surveyor's plat
3. The geologic name of the surface formation is Quaternary Alluvium deposits
4. Type drilling tools used will be rotary
5. The proposed drilling depth is 3,850'
6. Estimated tops of geologic markers are:
  - (a) Upper Penrose - 3,385'
  - (b) Lower Penrose - 3,452'
  - (c) Upper Grayburg - 3,548'
  - (d) Lower Grayburg - 3,733'
7. Estimated depth for water, oil and gas-bearing formations is same as listed in No. 6 above
8. Casing program - we plan to run all new pipe as listed on Application to Drill