

1600 Broadway P.O. Box 2250 Denver Colorado 80201 303/892-6010 Petro-Lewis Corporation
Oil and Gas Producers

September 28, 1976

U.S.G.S. P.O. Box 1809 Durango, Colorado 81301

Gentlemen:

Re: Application for Permit to Drill #6-27 Federal SE NW Section 27-19N-3W Sandoval County, New Mexico

In accordance with NTL-6, and in addition to Form 9-331C, the following information is presented:

1. Geologic name of surface formation:

Lewis

2. Estimated tops of important geologic markers:

| Point Lookout | 1747 | Morrison | 4249 | |
|---------------|------|---------------|------|-------------|
| Mancos | 1874 | Entrada | 5119 | |
| Gallup | 3004 | Permian | 6472 | (De Chelly) |
| Dakota Sand | 4060 | Pennsylvanian | | (Hermosa) |

3. Estimated depths at which oil, water, gas or other mineralbearing formations are expected to be encountered:

| Point Lookout Gallup | 1747 3004 | Pennsylvanian | 8358 | (Hermosa) |
|-------------------------|--------------|---------------|------|-----------|
| Dakota Sand Entrada | 4060 5119 | | | |

4. Proposed casing program:

a. Surface casing - 9-5/8", K-55, 36#/ft new casing.
 b. Production string - K-55 and N-80, 23#/ft and 26#/ft, new and used.