

## Federal Plata 14 Well No. 1

### Location

The proposed location will measure 400 X 400 ft on federal lands and will be situated 1980 ft from the south line and 1980 ft from the east line of:

Section 14, T20S, R32E, NMPM, Lea County, NM

Thus it will be situated in the:

NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 14, T 20S, R32E, NMPM, Lea County, NM

The associated access road will measure 12 X 1387 ft and will be situated in the:

NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 14, T20S, R32E, NMPM, Lea County, NM  
SW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 14, T20S, R32E, NMPM, Lea County, NM

Map Reference: USGS LAGUNA GATUNA QUADRANGLE, 15 Minute Series, 1963.

### Terrain

BELCO PETROLEUM COMPANY's proposed location is situated in the Laguna Valley due south of Laguna Plata. This landform is marked by a generally featureless plain whose overall monotony is broken only by low hummocks which average 40 cm in height. Drainage is tributary to Laguna Plata, a large sink of Pleistocene age. Areal soil individuals belong to Typic Haplargid subgroup and intergrades of the Typic Torripsamment subgroup.

### Floristics

Local soil individuals host an overstory of *Prosopis juliflora* and *Yucca glauca*. *Yucca*, however, is more prevalent in draws leading down to Laguna Plata. Most commonly encountered forbs are: *Sartwellia* sp., *Gutierrezia sarothrae*, *Lesquerella* sp., *Lepidium* sp., *Perezia nana*, *Senecio longilobus*, and *Euphorbia* sp. Grasses