## DRILLING PROGRAM

Attached to Form 3160-3 Marbob Energy Corporation Tony Federal No. 14 990' FSL and 865' FEL Section 18-17S-31E Eddy County, New Mexico

## 1. Geologic Name of Surface Formation:

Permian

## 2. <u>Estimated Tops of Important Geologic Markers:</u>

| Permian      | Surface | Seven Rivers | 1340' |
|--------------|---------|--------------|-------|
| Salt         | 450'    | Queen        | 2430' |
| Base of Salt | 1100'   | Grayburg     | 2804' |
| Yates        | 1225'   | San Andres   | 3134' |

## 3. Estimated Depths of Anticipated Fresh Water, Oil or Gas:

| Upper Permian Sands | 180'  | Fresh Water |
|---------------------|-------|-------------|
| Yates               | 1225' | Oil         |
| Seven Rivers        | 1340' | Oil         |
| Queen               | 2430' | Oil         |
| Grayburg            | 2804' | Oil         |
| San Andres          | 3134' | Oil         |

No other formations are expected to give up oil, gas, or fresh water in measurable quantities. The surface fresh water sands will be protected by setting 8 5/8 casing at 450' and circulating cement back to surface. Any shallower zones above TD which contain commercial quantities of oil and/or gas will have cement circulated across them by inserting a float shoe joint into the 5 1/2" production casing which will be run at TD.