

SUPPLEMENTAL DRILLING DATA

UNION OIL COMPANY OF CALIFORNIA

WELL NO.1 FEDERAL "FI"

1. SURFACE FORMATION: Quaternary.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

| | |
|-------------------|------|
| Rustler Anhydrite | 570 |
| Base Salt | 3800 |
| Lamar | 4200 |
| Ramse Sand | 4300 |
| Ford Shale | 4340 |
| Olds Sand | 4350 |

3. ANTICIPATED POSSIBLE WATER AND HYDROCARBON BEARING ZONES:

| | |
|-------------|----------------|
| Fresh Water | Above 500 feet |
| Oil | Ramsey Sand |
| Oil | Olds Sand |

4. PROPOSED CASING AND CEMENTING PROGRAM:

Casing design data is attached.

8-5/8" surface casing will be cemented with approximately 500 sacks of Class "C" with 2% CaCl. Cement to circulate.

4-1/2" casing will be cemented with approximately 900 sacks of "Light" cement tailed in with 250 sacks of Class "C" 50:50 Poz. Cement to circulate.

Cement quantities and additives may be varied at time casing is run to best suit hole conditions.

5. PRESSURE CONTROL EQUIPMENT:

Blowout prevention equipment, while drilling below the surface casing seat, will consist of a double ram type, 3000 psi working pressure preventer.