

SUPPLEMENTAL DRILLING DATA

FOR

UNION OIL COMPANY OF CALIFORNIA WELL NO.2 NORTH MADURO FEDERAL UNIT

1. SURFACE FORMATION: Quaternary.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

| | | | |
|--------------|--------|---------------|---------|
| Rustler | 1265' | Strawn | 12,140' |
| Base Salt | 2770' | Atoka | 12,455' |
| Yates | 3080' | Atoka Lime | 12,820' |
| Delaware | 5288' | Morrow | 13,005' |
| Bone Springs | 7820' | Middle Morrow | 13,215' |
| Wolfcamp | 10,920 | Lower Morrow | 13,550' |

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Morrow Gas

4. PROPOSED CASING AND CEMENTING PROGRAM:

| CASING SIZE | SETTING DEPTH | | WEIGHT | GRADE | JOINT |
|-------------|---------------|---------|--------|-------|-------|
| | FROM | TO | | | |
| 13-3/8" | 0 | 450' | 48# | H-40 | STC |
| 9-5/8" | 0 | 4000' | *36# | S-80 | STC |
| " | 4000' | 5250' | 40# | S-80 | STC |
| 5-1/2" | 0 | 3000' | 17# | N-80 | BUTT |
| " | 3000' | 8500' | 17# | N-80 | LTC |
| " | 8500' | 13,750' | 17# | S-95 | LTC |

*40#, K-55, ST&C casing may be substituted for this casing.

13-3/8" casing to be cemented with 400 sacks of "C" with 3% gel and 2% CaCl. Cement to circulate.

9-5/8" casing to be cemented in two stages with DV tool at about 3200 feet. First stage to be 600 sacks of Light with 3# salt followed by 200 sacks of "C". Second stage to be 1500 sacks of "C" with 3% gel followed by 100 sacks of "C" with 2% CaCl.