

SUPPLEMENTAL DRILLING DATA

DICKSON PETROLEUM
WELL #1 JO FEDERAL
SW/4 SE/4 SECTION 21-17S-30E
EDDY COUNTY, NEW MEXICO

1. SURFACE FORMATION: Allurial Sand (Elev. 3632')
2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

| | |
|--------------|-------|
| Seven Rivers | 1400' |
| Queen | 2280' |
| Grayburg | 2780' |
| San Andres | 3070' |
3. ANTICIPATED POROSITY ZONES:

| | |
|--------|---------------|
| Water: | Above 300' |
| Oil: | 1400' - 3500' |
4. CASING DESIGN:

| <u>Size</u> | <u>Interval</u> | <u>Weight</u> | <u>Grade</u> | <u>Joint</u> |
|-----------------|-----------------|---------------|--------------|--------------|
| 8 5/8" | 0 - 475' | 24.0# | J-55 | STC |
| 4 1/2" - 5 1/2" | 0 - 4000' | 10.5 or 15.5 | J-55 | STC |
5. SURFACE CONTROL EQUIPMENT: A double ram-type or annular BOP will be used.
6. CIRCULATING MEDIUM: Fresh water will be used on the surface. Brine water conditioned as necessary will be used from 350' to T.D.
7. AUXILIARY EQUIPMENT: None necessary.
8. TESTING, LOGGING AND CORING PROGRAMS: No coring or DST's are planned. Electric logs will include a Compensated Neutron Log with Gamma Ray.
9. ABNORMAL PRESSURES, TEMPERATURES OR GASES: None anticipated.
10. ANTICIPATED STARTING DATE: It is planned that operations will commence about July 30, 1985.