

SUPPLEMENTAL DRILLING DATA

VEIRS PRODUCTION

WELL NO. 1 WESTERN "A" FEDERAL

1. SURFACE FORMATION: Quaternary.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

| | |
|-------------------|-------|
| Rustler Anhydrite | 1275' |
| Yates | 2650' |
| Queen | 3650' |
| San Andres | 4100' |
| Glorieta | 5225' |
| Blinebry | 5625' |
| Tubb | 6075' |
| Drinkard | 6380' |
| Abo | 6650' |

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

| | |
|----------|-----|
| Blinebry | Oil |
| Drinkard | Oil |
| Abo | Oil |

4. PROPOSED CASING AND CEMENTING PROGRAM:

| <u>CASING SIZE</u> | <u>SETTING DEPTH</u> | | <u>WEIGHT</u> | <u>GRADE</u> | <u>JOINT</u> |
|--------------------|----------------------|-----------|---------------|--------------|--------------|
| | <u>FROM</u> | <u>TO</u> | | | |
| 8-5/8" | 0 | 1300' | 24# | J-55 | STC |
| 4-1/2" | 0 | 6400' | 10.5# | J-55 | STC |
| " | 6400' | 7200' | 11.6# | J-55 | STC |

Equivalent or adequate grades and weights of casing may be substituted at time casing is run, depending on availability.

8-5/8" casing will be cemented with approximately 525 sacks of cement. Cement to circulate.

4-1/2" casing will be cemented with approximately 700 sacks.

5. PRESSURE CONTROL EQUIPMENT:

Blowout prevention equipment will consist of a 3000 psi working pressure, double ram type preventer.

A BOP sketch is attached.

6. CIRCULATING MEDIUM:

Surface to 1300 feet: Fresh water treated as required for viscosity control.

1300 feet to total depth: Water base drilling fluid conditioned as necessary for control of viscosity, pH, and water-loss. Weighted as necessary for well control.

7. AUXILIARY EQUIPMENT:

Drill string safety valves will be maintained on the rig floor while drilling operations are in progress.

8. TESTING, LOGGING, AND CORING PROGRAMS:

Drill stem tests will be made when drilling time, samples, and other data indicate a test is warranted.

It is planned that electric logs will include GR-CNL-FDC logs.

No coring is planned.

9. ABNORMAL PRESSURES, TEMPERATURES, OR HYDROGEN SULFIDE GAS:

No abnormal pressures or temperatures are anticipated.

10. ANTICIPATED STARTING DATE:

It is planned that work will commence upon approval of this application with drilling and completion operations lasting about 45 days.

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