

SUPPLEMENTAL DRILLING DATA

GREAT WESTERN DRILLING COMPANY
WELL #10 QUAIL FEDERAL COM
SW $\frac{1}{4}$ SE $\frac{1}{4}$ SEC. 10-6S-25E
CHAVES COUNTY, NEW MEXICO

1. SURFACE FORMATION: Artesia Group of Permian Age.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

San Andres	575'	Tubb	3015'
Glorietta	1595'	Abo	3650'

3. ANTICIPATED POROSITY ZONES:

Water	50-150', 575-660'
Oil	995-1210'
Gas	3690-4050'

4. CASING DESIGN:

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>	<u>Condition</u>
10 3/4"	0 - 920'	32.75#	K-55	STC	New
4 1/2"	0 - 4250'	9.5 #	K-55	STC	New

5. SURFACE CONTROL EQUIPMENT: A double ram-type BOP will be used.

6. CIRCULATING MEDIUM: Fresh water mud conditioned as necessary for control of viscosity and water loss.

7. AUXILIARY EQUIPMENT: A full opening safety valve will be kept on rig floor in open position at all times.

8. LOGGING PROGRAM: Compensated Neutron/Formation Density Log (0-TD).

9. ABNORMAL PRESSURES, TEMPERATURES OR GASES: None anticipated.

10. ANTICIPATED STARTING DATE: It is planned that operations will commence about July 26, 1982. Duration of drilling, testing, and completion operations should be 2 to 5 weeks.