

SUPPLEMENTAL DRILLING DATA

STEVENS OPERATING CORPORATION  
Well #6 HELEN COLLINS FEDERAL  
660 FSL 1980 FEL, Sec. 4, T-7-S R-26-E  
CHAVES COUNTY, NEW MEXICO

1. SURFACE FORMATION: Alluvium

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

San Andres	620'	P-1	1100'
Glorietta	1700'	Yeso	3180'
Abo	3850'	TD	4460'

3. ANTICIPATED POROSITY ZONES:

Water	150' - 200'
Oil	1000' - 1670'
Gas	3850' - 4460'

4. CASING DESIGN:

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>	<u>Condition</u>
8 5/8"	0 - 750'	24.0#	K-55	STC	New
4 1/2"	0 - 4460'	10.5#	K-55	STC	New

5. SURFACE CONTROL EQUIPMENT: A double Ram-type preventer. (900 Series) A Sketch of BOP stack is attached.

6. CIRCULATING MEDIUM:

0 - 750	Fresh water mud with gel added if needed.
750 - 4460	Salt water mud, conditioned as necessary for control of viscosity and water loss.

7. AUXILIARY EQUIPMENT: Drill string safety valve.

8. TESTING, LOGGING AND CORING PROGRAMS: Coring & testing may be performed in zones of interest. Compensated Neutron-Formation Density w/Gamma Ray Log. 0 - T.D.. Dual Laterlog Shoe to T.D.

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

10. ANTICIPATED DATES: It is planned that drilling operations will commence about March 20, 1984. Duration of drilling and completion operations should be 20 to 60 days.