

SUPPLEMENTAL DRILLING DATA

STEVENS OPERATING CORPORATION  
Well #8 NICHOLS DALE FEDERAL  
1980 FSL 660 FEL, Sec.33, T-7-S R-26-E  
CHAVES COUNTY, NEW MEXICO

1. SURFACE FORMATION: Permian (Artesia Group)

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

San Andres	737'	P-1	1214'	Abo	3984'
Glorietta	1839'				

3. ANTICIPATED POROSITY ZONES:

Water	60'
Oil	1214'
Gas	3990'

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 - 800'	24.0#	K-55	STC	New
4 1/2"	0 - 4650'	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 - 800	Fresh water mud with gel added if needed.
800 - TD	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 December 21, 1983. Duration of drilling and completion operations should be 20 to 60 days.