

## SUPPLEMENTAL DRILLING DATA

STEVENS OPERATING CORPORATION  
WELL # 2 COBIE EBEID FEDERAL  
1980' FNL & 660' FEL SEC. 13, T-8-S, R-25-E  
CHAVES COUNTY, NEW MEXICO

1. SURFACE FORMATION: Alluvium.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

|            |      |           |       |
|------------|------|-----------|-------|
| San Andres | 500' | Glorietta | 1600' |
|            |      | ABO       | 3800' |

3. ANTICIPATED POROSITY ZONES:

|     |       |
|-----|-------|
| Oil | 1000' |
| Gas | 3830' |

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- 900'         | 24.0#         | K55          | STC          | New              |
| 4 1/2"      | 0-4500          | 10.5#         | K55          | STC          | New              |

5. SURFACE CONTROL EQUIPMENT: A double ram-type preventer (900 series). A sketch of BOP stack is attached.

6. CIRCULATING MEDIUM:

|         |  |
|---------|--|
| 0-900'  | Freshwater mud with gel added if needed for viscosity.                           |
| 900'-TD | Saltwater mud, conditioned as necessary for control of viscosity and water loss. |

7. AUXILIARY EQUIPMENT: Drill string safety valve.

8. TESTING, LOGGING AND CORING PROGRAMS:

|          |  |
|----------|--|
| DST's:   | As warranted.  |
| Coring:  | None Planned.  |
| Logging: | A compensated Neutron/Formation Density Log<br>w/Gamma Ray and a Dual Laterolog/Micro-<br>Spherically Focused Log. |

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

10. ANTICIPATED DATES: It is planned that drilling operations will commence about December 15, 1982. Duration of drilling and completion operations should be 20 to 60 days.