

SUPPLEMENTAL DRILLING DATA

MARBOB ENERGY CORPORATION
WELL #2 UNION FEDERAL
1650' FNL & 330' FWL SEC. 11-22S-27E
EDDY COUNTY, NEW MEXICO

1. SURFACE FORMATION: Alluvial soils of Quaternary Age.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Delaware Lime	1900'
Delaware Sand	2000'

3. ANTICIPATED POROSITY ZONES:

Water	Above 350'
Oil	3080 - 3450'

4. CASING DESIGN:

Size	Interval	Weight	Grade	Joint	Condition
8 5/8"	0 - 420'	24.0#	K-55	STC	New
4 1/2"	0 - 5000'	10.5#	K-55	STC	New

5. SURFACE CONTROL EQUIPMENT: A double ram-type preventer (600 series).
A sketch of BOP stack is attached.

6. CIRCULATING MEDIUM:

0 - 420'	Fresh water mud with gel added if needed for viscosity.
420 - 5000'	Salt water mud, conditioned as necessary for control of viscosity and water loss.

7. AUXILLARY EQUIPMENT: Drill string safety valve.

8. TESTING, LOGGING AND CORING PROGRAMS: No coring or DST's are planned.
Electric logs will include Compensated Neutron-Formation Density w/Gamma Ray Log.

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

10. ANTICIPATED DATES: It is planned that operations will commence about November 24, 1982. Duration of drilling, testing and completion operations should be 10 to 40 days.