

## SUPPLEMENTAL DRILLING DATA

JUBILEE ENERGY CORPORATION  
WELL #3 EXXON "A" FEDERAL  
660' FNL & 1980' FWL SEC. 27-24S-32E  
LEA COUNTY, NEW MEXICO

1. SURFACE FORMATION: Alluvium soils of Quaternary Age. (Elevation 3573')

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Anhydrite	960'	Delaware Sand	4835'
Salado Salt	1260'	Ford Shale	4935'
Base Lower Salt	4570'	Delaware Olds	4950'
Delaware Lime	4800'		

3. ANTICIPATED POROSITY ZONES:

Water: Above 350'  
Oil: 4835 - 5000'

4. CASING DESIGN:

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>
8 5/8"	0 - 1050'	24#	J-55	STC
5 1/2"	0 - 5000'	14#	J-55	STC

5. PRESSURE CONTROL EQUIPMENT: Two Ram-Type Preventors (600 Series).  
A sketch of BOP stack is attached.

6. CIRCULATING MEDIUM:

0 - 1050' Fresh water with gel or lime as needed for viscosity.  
1050 - 5000' Brine conditioned as necessary for control of  
viscosity and water loss.

7. AUXILIARY EQUIPMENT: Drill string safety valve.

8. TESTING, LOGGING AND CORING PROGRAMS: No coring or DST's are planned.  
Electric logs will include a Compensated Neutron Log with Gamma Ray.

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

10. ANTICIPATED STARTING DATE: Road and pad construction: October 25, 1983.  
Spud well: October 31, 1983. Duration of drilling, testing, and completion operations should be 15 to 40 days.