

## SUPPLEMENTAL DRILLING DATA

JFG ENTERPRISES  
#1 BROWN CROW FEDERAL  
990' FNL & 660' FEL SEC. 21-17S-30E  
EDDY COUNTY, NEW MEXICO

1. SURFACE FORMATION: Sandy soils of Quaternary Age.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Anhydrite	330'	Queen	2220'
Salt	590'	Grayburg	2620'
Base Salt	1070'	San Andres	2970'
Yates	1240'		

3. ANTICIPATED POROSITY ZONES:

Oil: Seven Rivers, Queen, Grayburg & San Andres

4. CASING DESIGN:

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>
8 5/8"	0 - 400'	24#	K-55	STC
5 1/2"	0 - 3850'	14#	K-55	STC

5. PRESSURE CONTROL EQUIPMENT: Double Ram-Type Preventer (900 Series).

6. CIRCULATING MEDIUM:

0 - 400' Fresh water mud with gel or lime as needed for viscosity control.

400 - 2200' Brine water.

2200 - 3850' Salt water mud, conditioned as necessary for control of viscosity, pH, 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 CNL-FDC w/GR.

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

10. ANTICIPATED STARTING DATE:

A. Road and pad construction: Upon approval.

B. Spudding well: April 20, 1985.

C. Duration of drilling and completion operations should be 2-6 weeks.