

SUPPLEMENTAL DRILLING DATA

JACK PLEMONS
WELL #6 McFADDEN FEDERAL
2310' FNL & 330' FEL SEC. 3-19S-31E
EDDY COUNTY, NEW MEXICO

1. SURFACE FORMATION: Quaternary.
2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Salt	860'	Queen	3340'
Base Salt	2320'	Penrose	3590'
Yates	2530'	Grayburg	3800'
Seven Rivers	2770'		

3. ANTICIPATED POROSITY ZONES:

Water	100 - 200'
Oil	2670 - 2800'
	3340 - 3400'
	3800 - 3925'

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 - 850'	24#	H-40	STC	Used
5 1/2"	0 - 3950'	14#	K-55	STC	New

5. SURFACE CONTROL EQUIPMENT: A 600-Series double ram-type or annular BOP will be used. If cable tools are used, a pressure control valve and oil saver will be installed.

6. CIRCULATING MEDIUM:

0 - 850' Fresh water mud with gel or lime added as needed for viscosity control.

850 - TD Salt water mud, conditioned as necessary for control of viscosity and water loss.

7. AUXILIARY EQUIPMENT: None considered necessary on shallow development well.
8. LOGGING PROGRAM: Gamma Ray Log will be run to TD.
9. ABNORMAL PRESSURES, TEMPERATURES OR GASES: None anticipated.
10. ANTICIPATED STARTING DATE: It is planned that operations will commence about June 22, 1982. Duration of drilling completion and testing operations should be 30 to 50 days.