

SUPPLEMENTAL DRILLING DATA

JACK PLEMONS
WELL NO. 4 McFADDEN FEDERAL
990' FNL & 990' 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 - 2700'

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
7 "	0 - 2700'	17#	K-55	STC	New

5. SURFACE CONTROL EQUIPMENT: Pressure control valve and oil saver.

6. CIRCULATING MEDIUM: Not applicable for cable tool hole.

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 August 15, 1981. Duration of drilling and completion operations should be 30 to 50 days.