

SUPPLEMENTAL DRILLING DATA

MWJ PRODUCING COMPANY
WELL #2 RUTTER FEDERAL COM
1650' FSL & 2310' FWL SEC. 25-17S-27E
EDDY COUNTY, NEW MEXICO

1. SURFACE FORMATION: Salado Formation of Permian Age.
2. ESTIMATED TOPS OF GEOLOGIC MARKERS.

Yates	250'	Penrose Sand	1200'
Seven Rivers	480'	Grayburg	1310'
Queen	960'	San Andres	1640'
3. ANTICIPATED POROSITY ZONES:

Fresh Water:	None
Oil:	Seven Rivers
Gas:	Penrose Sand
4. CASING DESIGN:

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>
13 3/8"	0 - 423'	48.0#	H-40	STC
8 5/8"	0 - 1949'	24.0#	K-55	STC
5. SURFACE CONTROL EQUIPMENT: Two ram-type preventers. (See attached)
6. CIRCULATING MEDIUM: Water conditioned as necessary for control of viscosity.
7. AUXILIARY EQUIPMENT: None considered necessary for shallow re-entry within cased hole.
8. LOGGING PROGRAM: A Gamma Ray-Neutron Log will be run to PBTD.
9. ABNORMAL PRESSURES, TEMPERATURES OR GASES: None anticipated.
10. ANTICIPATED STARTING DATE: Operations will commence upon approval.
Duration of drilling and completion operations should be 2 to 10 days.