

VII Proposed Operation Data:

- (1) Average daily injection rates - 8,000 BWPD
 Maximum daily injection rates - 10,000 BWPD
- (2) Type of injection system - closed system
- (3) Average injection pressure - 1000 psig
 Maximum injection pressures - 1500 psig
- (4) Injection water will be produced Devonian and Wolfcamp water from wells in the Denton Field.

<u>Produced Water Analysis</u>	<u>State "T" #8 Wolfcamp</u>	<u>State "T" #3 Devonian</u>
Total hardness	286.00 me/l	246.00 me/l
Calcium	4,200.00 mg/l	4,640.00 mg/l
Magnesium	927.20 mg/l	170.00 mg/l
Iron	5.00 mg/l	15.00 mg/l
Sodium	37,418.47 mg/l	23,738.53 mg/l
Chloride	66,000.00 mg/l	44,000.00 mg/l
Sulfate	2,050.00 mg/l	1,750.00 mg/l
Carbonate	0.00 mg/l	0.00 mg/l
Bicarbonate	689.30 mg/l	115.90 mg/l
Carbon Dioxide	71.30 mg/l	35.60 mg/l
Hydrogen Sulfide	250.00 mg/l	100.00 mg/l
pH	6.90	6.60
Specific Gravity	1.05	1.05
TDS	111,290.00 PPM	74,448.10 PPM

- (5) Disposal zone water analysis is not available

VIII Geological Data:

Geological Name: Pennsylvanian

Lithological Detail: Limestone/Dolomite

Formation Top: 9515'

Thickness: 1135'

Geological Data of Drinking Water Zone: None

IX Stimulation Program:

The proposed injection interval will be acidized with 15% NEFE acid prior to initial injection.

X Well Logs:

Copies of current well logs are on file with Oil Conservation Division.

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