

MEWBOURNE OIL COMPANY
APPLICATION FOR AUTHORIZATION TO INJECT
FEDERAL "E" NO. 9
LEA COUNTY, NEW MEXICO

VII. *Data on Proposed Operation.*

1. *Proposed average and maximum daily rate and volume of fluids to be injected:*

A. *Average Daily Injection Rate - 200 BPD*

B. *Maximum Daily Injection Rate - 300 BPD*

2. *The system is open.*

3. *Proposed average and maximum injection pressure:*

A. *Average Injection Pressure - 1800 PSIG*

B. *Maximum Injection Pressure - 2500 PSIG*

4. *Sources and an appropriate analysis of injection fluid.*

Injected water will be composed of produced waters from the Queen-Penrose and Upper Bone Spring (8400-8600') formations in the approximate ratio of 2:3. Analysis of each water is included.