

Maximum = to be determined with
a step-rate test.

2. Injection System: Closed
3. Injection Pressure: Average = 500 psi
Maximum = 200 psi below
fracture pressure (to be
determined with a step-rate
test)
4. Injection Fluid: Produced water from Phillips'
Luke Federal and Molly State
leases. Chemical analysis of
produced water from the Luke
Federal and Molly State leases
is attached.

VIII. Geologic Data

A. Injection Zone

1. Name: Bell Canyon & Cherry Canyon
(Delaware)
2. Description: Injection will be into the Bell
Canyon & Cherry Canyon (Delaware)
formations through 31 perforated
intervals 4618'-6012'.

The Bell Canyon is a siltstone
formation with a gross thickness of
±685' and a net porosity thickness
of ±371'. The depth to the top of
the Bell Canyon is 4614'. The Cherry
Canyon is a siltstone formation with
a gross thickness of ±1431' and a net
porosity thickness of ±326'. The
depth to the top of the Cherry Canyon
is 5299'.

B. Fresh Water Sources

There are no underground sources of drinking water above
or below the Bell Canyon and Cherry Canyon formations.