

VII. Volumes of Fluids to be Injected:

- 1) Daily Average: 500 bbls/day
Daily Maximum: Unknown at this time.
- 2) System is open.
- 3) Proposed Pressures:
Average: Unknown at this time.
Maximum: Unknown at this time.
- 4) Present plans are to only reinject produced water from the asme formation.
- 5) Disposal zone is productive of oil and/or gas

VIII. Lithologic Detail:

Wolfcamp lime
Top @ 9150'
Thickness: 9624' - 9682'

Fresh water sands

IX. Stimulation:

In an attempt to stimulate oil production 10,000 gals gelled 15% HCl was used. Attempt was unsuccessful. No further stimulation proposed.

X. See attached log.

XI. See attached fresh water analysis.

XII. Examination of the available geologic and engineering data has revealed no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water. Some faults exist but they are sealing faults and do not extend above the base of the Pennsylvanian which is well below any fresh water source.

JLK:M
2/5/87