Attachment D. Injection Operation and Monitoring Program (40 CFR 146.23 & 146.24)

Injection Procedures
Zelman#1 Injection Well

The Following injection procedures will be utilized during the operation of the Zelman#1 Injection Facility:

The produced fluids will be unloaded from vacuum trucks through a discharge manifold into a epoxy lined steel tanks. It will be treated at this point with an oxygen scavenging agent and corrosion control additives; FE Ox Clear and Alpha 2278W.

Then, the fluid will be pulled from these tanks and filtered to 10 microns nominal particle size and discharged into additional epoxy lined steel tanks.

Next the produced fluids will be pulled from the filtered tanks through the high pressure pump, equipped with shut down switches set at 6500 psi bottom-hole pressure being calculated in real time and low side at 200 psi. Corrosion Inhibitor, Alpha 3207, will be added. Specific gravity, rate and volume will be monitored with a dens-o-meter, flowmeter, and totalizer. Bottom-hole pressure will be calculated and monitored in real time Utilizing Meyers Mwell software package.

The produced fluids will be discharged from the pump through a checkvalve at the wellhead down the tubing and into the Chert/ oriskany formation. Surface tubing and tubing annulus pressures will also be recorded with a 2 pen recorder as a back up to the digital data.

ZELMAN INJECTION WELL SURFACE FACILITY

Wellhead

Pump

Filter

Filtered 500 bbl tank

Filtered 500 bbl tank

Filtered 500 bbl tank

Filtered 500 bbl tank

Un-filtered 500 bbl tank

Un-filtered 500 bbl tank

Un-filtered 500 bbl tank

Un-filtered 500 bbl tank

Secondary Containment

Unloading Dock

EPA Permit# PAS2D020BLCE
DEP Permit# 37-033-27256-00-00