Data Description Appendix.

Test #1: Conducted on 2/24/2006 and early on 2/25/2006. A 1.5 HP pump was installed inside the 467.3 ft deep conductor casing with the pump intake set at 461.4 ft A recirculation/tremmie line was set at 1385.2 ft. The well was pumped at 7.6 GPM for approximately 260 minute with the produced water pumped through a de-ionization circuit and reinjected into the open borehole through the recirculation line at 1385.2 ft (DI recirculation). A baseline fluid resistivity logging run was conducted at 1412 hrs prior to shutting in the pump at 1454 hrs. After pump shut in, several ambient fluid resistivity logging runs from 480 to 1385 ft both "down" and "up" were conducted during the remainder of 2/24/06 and early on 2/25/06. Field review of both up- and down-run fluid resistivity logging data indicated the down logging runs constitute the best data set. Both down and up logging run data are contained in file 24PB Fluid Res 2 24&25.las (log ascii standard). Two WellCad® (.WCL) files (AMBIENT DOWN LOGS 2-24&25-06.WCL and AMBIENT UP LOGS 2-24&25-06.WCL) present the FEC logging runs. Paper copies of these WellCad files are also included in this transmittal.

Test #2: Conducted on 2/25/2006. The pump and reinjection line were unchanged. The well was pumped at 8.6 GPM for approximately 245 minutes with DI recirculation into the open borehole at 1385.3 ft, as with Test #1. A baseline fluid resistivity logging run was conducted at1306 hrs prior to shutting in the pump at 1317 hrs. After DI recirculation, the deionization and recirculation circuit was bypassed and the well was pumped at 3.0 GPM, discharging at surface. Four logging runs (down and up) were conducted on 2/25/06 under pumping conditions. Both the down and up logging run data are contained in file 24PB Fluid Res 2 24&25.las (log ascii standard)

Test #3: Conducted on 2/26/2006. The 1.5 HP pump was replaced with a 10 HP pump with intake set at 466.4 ft. The reinjection line is unchanged at 1385.2 feet deep. After first adjusting for the larger volume pump, the well was pumped at 16.4 GPM for approximately 120 minutes with DI recirculation into the open borehole at 1385.3 ft, as with Test #1 and #2. A baseline fluid resistivity logging run was conducted at 1816 hrs prior to shutting in the pump at 1824 hrs. Four logging runs from 480 ft to a maximum of 1120 ft (down only) were conducted on 2/26/06 under ambient conditions. The logging run data are contained in file 24PB Fluid Resistivity 2-26-06.las. A paper copy and a corresponding .WCL file (24PB Down 2-26-06.WCL) are also included in this transmittal.

Test #4: Conducted on 2/27/2006. The pump and reinjection line were unchanged from Test #3. The well was pumped at 16.6 GPM for approximately 90 minutes with DI recirculation into the open borehole at 1385.3 ft. A baseline fluid resistivity logging run was conducted at 0853 hrs prior to shutting in the pump at 0905 hrs. After DI recirculation, the deionization and recirculation circuit was bypassed and the well was pumped at 10.5 GPM, discharging at surface. Three logging runs from 480 ft to a maximum of 1100 ft (down only) were conducted on 2/27/06 under pumping conditions. The logging run data are contained in file 24PB Fluid Resistivity Logs 2-27-06.las. A

paper copy and .WCL file “Pumping To Pit at 10 GPM, Down 2-27-06.WCL” are included in this transmittal.

Test #5: Conducted on 2/27/2006. The pump and reinjection line were unchanged from Test #3 and #4. The well was pumped at 17.2 GPM for approximately 120 minutes with DI recirculation into the open borehole at 1385.3 ft. The first baseline fluid resistivity logging run was conducted at 1212 prior to shutting in the pump at 1245. After pumping, the deionization and recirculation circuit was bypassed and the well was pumped at 38.2 GPM, discharging at surface. Three logging runs from 480 ft to a maximum of 1100 ft (down only) were conducted on 2/27/06 under pumping conditions. The logging run data are contained in file 24PB Fluid Resistivity Logs 2-27-06.las. A paper copy and .WCL file (Pumping To Pit at 20 GPM, Down 2-27-06.WCL) are included in this transmittal.

Test #6: Conducted on 2/28/2006. The pump was unchanged from Test #3, #4 and #5. The reinjection line was raised from 1385.2 ft to 740.3 ft in order to test the shorter interval of the open borehole between the depths of 480 ft and 740 ft. The well was pumped at 16.3 GPM for approximately 110 minutes with DI recirculation into the open borehole at 740.3 ft. The first baseline fluid resistivity logging run was conducted at 0824 hrs and a second baseline run was conducted at 0944 prior to shutting in the pump at 0948 hrs. After pump shut in, three ambient fluid resistivity logging runs from 480 to a maximum of 796 ft (down only) were conducted on 2/28/06. After the third ambient logging run, a rock bridged the open borehole at 480.5 ft and precluded further logging runs in the borehole. The logging run data are contained in file 24PB 2-28-06.las (log ascii standard). A paper copy and .WCL (24PB Baseline and Down Runs 2-28-06.WCL) are included in this transmittal. Further logging was conducted from the bridge at 480.5 ft up to 460 ft into the conductor casing (467.3 ft). This data is also contained in file 24PB 2-28-06.las. A paper copy and .WCL file (24PB 2-28-06 Baseline to casing and Up runs.WCL) are included in this transmittal.