MONITORING WELL COMPLETION LOG GRN01-0179 PROJECT UMTRA GROUND WATER NORTH COORD. (FT) 237541.30 LOCATION GREEN RIVER, UT EAST COORD. (FT) 2387895.92 **DATE DRILLED** 07/10/1990 SURFACE ELEV. (FT NGVD) 4158.70 HOLE DEPTH (FT) 90.00 TOP OF CASING (FT) 4161.39 MEAS. PT. ELEV. (FT) 4161.39 SITE GREEN RIVER WELL NUMBER 0179 **WELL DEPTH (FT)** 90.00 SLOT SIZE (IN) 0.050 BIT SIZE(S) (IN) 8.75 / 7.88 **WELL INSTALLATION** INTERVAL (FT) SURFACE CASING: 8 in. Steel -2.0 4.0 **DRILLING METHOD** ROTARY WITH BUTTON BIT **BLANK CASING:** 4 in. PVC Sch 40 -2.69 78.0 to SAMPLING METHOD 4 in. Slotted PVC WELL SCREEN: 78.0 to 88.0 4 in. PVC Sch 40 DATE DEVELOPED 07/13/1990 SUMP/END CAP: 88.0 90.0 to SURFACE SEAL: WATER LEVEL (FT BTOC) 77.5 on 07/13/1990 GROUT: **Bentonite** 0.08 0 to LOGGED BY Papusch, R. SEAL: Bentonite Chips 8.0 to 65.0 REMARKS **UPPER PACK:** LOWER PACK: 8-12 Silica Sand 65.0 to 90.0 ELEV. (FT NGVD) BLOW GRAPHIC LOG PTH BGL) EXTENT SAMPLE WELL DIAGRAM LITHOLOGIC DESCRIPTION 0-10.0 ft. DAKOTA SANDSTONE; medium grained, locally conglomeratic, moderately soft and friable, light tan/buff. Grout 4150 10 10.0-90.0 ft. CEDAR MOUNTAIN FORMATION: 10.0-30.0 ft. SHALE; silty, fissile, high plasticity, brown green, iron staining along shale partings. 4140 20 4130 30 30.0-31.0 ft. SILTSTONE; hard, calcareous, light gray. 31.0-40.0 ft. SHALE; slightly fissile, moderately hard, calcareous, Bentonite Chips 4120 40.0-45.0 SILTSTONE/SHALE; slightly fissile, moderately hard, calcareous, gray, interbedded with siltstone (hard, calcareous, 45.0-75.0 ft. SANDSTONE, fine grained, moderately hard to hard, calcareous, light gray, interbedded with siltstone. U.S. DEPARTMENT OF ENERGY PAGE 1 OF 2 09/24/2002 GRAND JUNCTION OFFICE, COLORADO

