MONITORING WELL COMPLETION LOG GRN01-0175 PROJECT UMTRA GROUND WATER LOCATION GREEN RIVER, UT EAST COORD. (FT) 238018.89 **DATE DRILLED** 07/07/1990 to 07/09/1990 SURFACE ELEV. (FT NGVD) 4140.30 HOLE DEPTH (FT) 90.00 TOP OF CASING (FT) 4142.86 MEAS. PT. ELEV. (FT) 4142.86 SITE GREEN RIVER WELL NUMBER 0175 **WELL DEPTH (FT)** 90.00 SLOT SIZE (IN) 0.050 BIT SIZE(S) (IN) 8.75 / 7.88 INTERVAL (FT) **WELL INSTALLATION** SURFACE CASING: 8 in. Steel -2.0 to 4.0 **DRILLING METHOD** ROTARY WITH BUTTON BIT **BLANK CASING:** 4 in. PVC Sch 40 -2.56 78.0 to SAMPLING METHOD WELL SCREEN: 4 in. Slotted PVC 78.0 to 88.0 DATE DEVELOPED 07/12/1990 SUMP/END CAP: 4 in. PVC Sch 40 88.0 90.0 to SURFACE SEAL: WATER LEVEL (FT BTOC) 59.3 on 07/12/1990 GROUT: **Bentonite** 0.08 0 to LOGGED BY Papusch, R. SEAL: Bentonite Chips 8.0 to 59.0 REMARKS **UPPER PACK:** LOWER PACK: 8-12 Silica Sand 59.0 to 90.0 ELEV. (FT NGVD) BLOW PTH BGL) EXTENT SAMPLE GRAPHI LOG WELL DIAGRAM LITHOLOGIC DESCRIPTION 胎눈 0-5.0 ft. SANDY GRAVEL (GW-SW); some silt, medium to coarse sand, poorly sorted, subangular, brown. Grout 5.0-15.0 ft. GRAVELLY SAND (SW-GW); some silt, medium to coarse grained, poorly sorted, subangular, brown. 10 4130 15.0-27.0 ft. DAKOTA SANDSTONE: SILTY SHALE; fissile, soft, light brown, moist. 20 4120 27.0-90.0 ft. CEDAR MOUNTAIN FORMATION: 27.0-55.0 ft. SILTY SHALE; slight color change to brown/gray (probable top of Cedar Mountain Formation based on lithology). 30 4110 @30.0 ft. color change to light gray and becomes fissile, moderately soft. Bentonite Chips 4100 **U.S. DEPARTMENT OF ENERGY** PAGE 1 OF 2 09/24/2002 GRAND JUNCTION OFFICE, COLORADO

