## DDMT MONITORING WELL INSTALLATION DIAGRAM (FLUSH MOUNT COMPLETION) PROJECT NAME DDMT PROJECT NO. 6301-04-0002 WELL LOCATION SW OF MW143 NEXT TO BARNHART MAIN OFFICE WELL NO. DR1-1 DATE \_\_\_ 05/10/2004 START TIME \_\_\_\_14:00 CHIPS MEDIUM BENTONITE TYPE \_ GROUND SURFACE ELEVATION 293.26 MANUFACTURER PURE GOLD TOP OF SCREEN ELEVATION \_\_\_\_171.59 TYPE I/II PORTLAND CEMENT CEMENT TYPE \_\_ REFERENCE POINT ELEVATION \_\_\_\_\_ 293.09 MANUFACTURER LONESTAR TYPE FILTER PACK SAND \_ GRADATION 20/40 FILTER PACK MANUFACTURER FILTER SIL BOREHOLE DIAMETER 6 INCH MACTEC FIELD REPRESENTATIVE KEVIN ARNOLD SCH. 40 PVC SCREEN MATERIAL \_ DRILLING CONTRACTOR PROSONIC **JOHNSON** MANUFACTURER AMOUNT BENTONITE BELOW (SCREEN) 1-50 LB BAG 0.010" AMOUNT BENTONITE USED (SEAL) \_\_\_\_\_1-50 LB BAG 2 INCH SLOT SIZE \_ SCREEN DIAMETER \_ AMOUNT BENTONITE USED (GROUT) 3/4 OF 5 GAL BUCKET SCH. 40 PVC RISER MATERIAL DENSITY OF GROUT= \_ MANUFACTURER JOHNSON 2 INCH RISER DIAMETER \_\_ AMOUNT CEMENT USED (GROUT) \_\_\_\_\_\_ 20-94 LB BAGS DRILLING TECHNIQUE ROTO SONIC AMOUNT SAND USED \_\_\_\_\_\_\_ 11-50 LB BAGS AUGER/BIT SIZE AND TYPE 6" OUTER CASING STATIC WATER LEVEL (>24 hrs after dev) 91.94 4" CORE BARREL MEASURED ON (Date/Time) 06/24/2004 FINISHED @ 0915 05/11/2004 REMARKS \_ (NOT TO SCALE; ALL MEASUREMENTS IN FEET) WELL PROTECTOR GROUND -LOCKABLE CAP 24" DIAM. X 8" THICK SURFACE DIMENSIONS OF CONCRETE PAD (FT.) LENGTH OF 3'X3' SOLID RISER 121.50 FT. DEPTH TO TOP OF BENTONITE SEAL (bgs) 113.8 FT. TOTAL DEPTH OF WELL DEPTH TO TOP OF (GROUND SURFACE TO SAND PACK (bgs) BOTTOM OF END CAP) 118 FT. 142 FT. RISER -LENGTH OF -0 0 CONCRETE SCREEN 20 FT. **GROUT** SCREEN: TOTAL DEPTH OF BORING LENGTH OF (bgs) BENTONITE END CAP 146 FT. END CAP-4 INCH SAND FILTER PACK 143 FT. \_\_\_ INSPECTOR: \_\_\_ KEVIN ARNOLD DRILLER: \_\_ DAVID WILCOX

DISCREPANCIES:

QA / QC