DDMT MONITORING WELL INSTALLATION DIAGRAM (FLUSH MOUNT COMPLETION) PROJECT NAME DDMT PROJECT NO. 6301-04-0002 WELL LOCATION NORTH OF MW-100B WELL NO. DR1-8 06/20/2004 DATE START TIME 13:30 1/4" PALLETS GROUND SURFACE ELEVATION 290.37 BENTONITE TYPE BAROID MANUFACTURER TOP OF SCREEN ELEVATION ____198.45 TYPE I/II PORTLAND CEMENT CEMENT TYPE ___ REFERENCE POINT ELEVATION 290.02 LONESTAR MANUFACTURER _ TYPE FILTER PACK SAND 20/40 GRADATION FILTER PACK MANUFACTURER FILTER SIL BOREHOLE DIAMETER 7 INCH AMY CALLAWAY MACTEC FIELD REPRESENTATIVE -SCH. 40 PVC SCREEN MATERIAL _ DRILLING CONTRACTOR PROSONIC MANUFACTURER JOHNSON AMOUNT BENTONITE BELOW (SCREEN) 1.5-5 GAL. BUCKET AMOUNT BENTONITE USED (SEAL) _ 0.010" 1-5 GAL. BUCKET 2 INCH SLOT SIZE ___ SCREEN DIAMETER ___ AMOUNT BENTONITE USED (GROUT) 9 LB SCH. 40 PVC RISER MATERIAL _ DENSITY OF GROUT= 1ST 13.6 LBS/GAL MANUFACTURER ___JOHNSON 2ND 13.8 LBS/GAL 3RD 13.8 LBS/GAL RISER DIAMETER ____2 INCH AMOUNT CEMENT USED (GROUT) _____ 12 BAGS DRILLING TECHNIQUE ROTO SONIC AMOUNT SAND USED 8.5-50 LB BAG AUGER/BIT SIZE AND TYPE 6" OUTER CASING STATIC WATER LEVEL (>24 hrs after dev) 89.24 4" CORE BARREL MEASURED ON (Date/Time) 06/24/2004 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 2'X2' SOLID RISER 91.57 FT. DEPTH TO TOP OF BENTONITE SEAL (bgs) 85.8 FT. TOTAL DEPTH OF WELL (GROUND SURFACE TO DEPTH TO TOP OF -BOTTOM OF END CAP) SAND PACK 112.3 FT. 89.6 FT. RISER -LENGTH OF -0 0 CONCRETE SCREEN 20 FT. GROUT SCREEN TOTAL DEPTH OF BORING LENGTH OF (bgs) BENTONITE END CAP 121 FT. FND CAP-4.5 INCH SAND FILTER PACK 113.8 FT.

DAVID WILCOX INSPECTOR: AMY CALLAWAY

CHECKED BY: K.A./RNQ DATE: 07-08-2004/09-3-2004

QA / QC

DRILLER: ___

DISCREPANCIES: