DDMT MONITORING WELL INSTALLATION DIAGRAM (FLUSH MOUNT COMPLETION) PROJECT NO. 6301-04-0002 PROJECT NAME DDMT WELL NO. DR1-1A WELL LOCATION BARNHART FACILITY NORTH OF DR1-5 START TIME FINISHED WITH WELL AT 1240 DATE ____05/23/2004 CHIPS MEDIUM GROUND SURFACE ELEVATION 293.29 BENTONITE TYPE _ MANUFACTURER ___ PURE COLD TOP OF SCREEN ELEVATION 203.67 TYPE I/TYPE II CEMENT TYPE ___ REFERENCE POINT ELEVATION ____293.13 MANUFACTURER LONESTAR TYPE FILTER PACK SAND GRADATION 20/40 FILTER PACK MANUFACTURER FILTER SIL BOREHOLE DIAMETER 7 INCH MACTEC FIELD REPRESENTATIVE KEVIN ARNOLD SCH. 40 PVC SCREEN MATERIAL __ DRILLING CONTRACTOR PROSONIC MANUFACTURER JOHNSON AMOUNT BENTONITE BELOW (SCREEN)_ 2 INCH SLOT SIZE _ 0.010" AMOUNT BENTONITE USED (SEAL) 2-50 LB BAG SCREEN DIAMETER ____ AMOUNT BENTONITE USED (GROUT) 1/4 50 LB BAG SCH. 40 PVC RISER MATERIAL ___ DENSITY OF GROUT= _____ 1ST 13.5 LB/GAL MANUFACTURER __JOHNSON 2ND 13.8 LB/GAL 3RD 13.8 LB/GAL 2 INCH RISER DIAMETER ___ AMOUNT CEMENT USED (GROUT) 12-94 LB BAGS DRILLING TECHNIQUE ROTO SONIC AMOUNT SAND USED ___ 9.5-50 LB BAGS AUGER/BIT SIZE AND TYPE 6" OUTER CASING STATIC WATER LEVEL (>24 hrs after dev) 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 89.46 FT. DEPTH TO TOP OF BENTONITE SEAL (bgs) -78.3 FT. TOTAL DEPTH OF WELL-(GROUND SURFACE TO DEPTH TO TOP OF -BOTTOM OF END CAP) SAND PACK (bgs) 110 FT. 81.3 FT. RISER LENGTH OF -000 CONCRETE SCREEN 20 FT. GROUT SCREEN-TOTAL DEPTH OF BORING LENGTH OF (bgs) BENTONITE END CAP 112 FT. END CAP-4.5 INCH SAND FILTER PACK DRILLER: _ DAVID WILCOX _ INSPECTOR: ___AMY CALLAWAY

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

DISCREPANCIES: __

QA / QC