## DDMT MONITORING WELL INSTALLATION DIAGRAM (FLUSH MOUNT COMPLETION) PROJECT NO. 6301-04-0002 PROJECT NAME DDMT WELL LOCATION NORTH OF DR1-3 WELL NO. DR1-7 DATE \_\_\_\_\_06/18/2004 START TIME 16:00 CHIPS MEDIUM GROUND SURFACE ELEVATION 289.46 BENTONITE TYPE PURE GOLD MANUFACTURER \_ TOP OF SCREEN ELEVATION \_\_\_\_180.84 TYPE I/II PORTLAND CEMENT CEMENT TYPE \_\_\_ REFERENCE POINT ELEVATION \_\_\_\_ 289.15 LONESTAR MANUFACTURER \_ TYPE FILTER PACK SAND 20/40 \_\_ GRADATION \_\_ FILTER PACK MANUFACTURER FILTER SIL BOREHOLE DIAMETER 7 INCH AMY CALLAWAY MACTEC FIELD REPRESENTATIVE -SCREEN MATERIAL SCH. 40 PVC DRILLING CONTRACTOR PROSONIC MANUFACTURER \_\_JOHNSON AMOUNT BENTONITE BELOW (SCREEN) 3-50 LB BAG AMOUNT BENTONITE USED (SEAL) 1-50 LB BAG SCREEN DIAMETER \_\_\_\_\_ 2 INCH\_\_SLOT\_SIZE \_\_\_\_ 0.010" AMOUNT BENTONITE USED (GROUT) 8 LB SCH. 40 PVC RISER MATERIAL \_\_\_ DENSITY OF GROUT= 1ST 13.5 LBS/GAL JOHNSON MANUFACTURER \_ 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 9-50 LB BAG AUGER/BIT SIZE AND TYPE 6" OUTER CASING STATIC WATER LEVEL (>24 hrs after dev) 90.37 4" CORE BARREL MEASURED ON (Date/Time) 06/25/2004 REMARKS (NOT TO SCALE; ALL MEASUREMENTS IN FEET) WELL PROTECTOR **GROUND** -LOCKABLE CAP SURFACE 24" DIAM. X 8" THICK **DIMENSIONS OF** CONCRETE PAD (FT.) LENGTH OF 3'X3' SOLID RISER 108.31 FT. DEPTH TO TOP OF BENTONITE SEAL (bgs) 103 FT. TOTAL DEPTH OF WELL (GROUND SURFACE TO BOTTOM OF END CAP) DEPTH TO TOP OF SAND PACK (bgs) 129 FT. 107 FT. RISER -LENGTH OF -0 0 CONCRETE SCREEN 20 FT. CROUT SCREEN-TOTAL DEPTH OF BORING LENGTH OF (bqs) BENTONITE END CAP 146 FT. END CAP-4.5 INCH SAND FILTER PACK 131 FT. DAVID WILCOX INSPECTOR: AMY CALLAWAY DRILLER: \_\_\_ QA / QC CHECKED BY: K.A./RNQ DATE: 07-08-2004/09-3-2004 DISCREPANCIES: