

DDMT MONITORING WELL INSTALLATION DIAGRAM (FLUSH MOUNT COMPLETION)

PROJECT NAME DDMT PROJECT NO. 6301-04-0002
WELL NO. DR1-5A WELL LOCATION SOUTH OF DR1-1 IN BARNHART FACILITY
DATE 05/23/2004 START TIME 0930

GROUND SURFACE ELEVATION 294.88
TOP OF SCREEN ELEVATION 204.46
REFERENCE POINT ELEVATION 294.61
TYPE FILTER PACK SAND GRADATION 20/40
FILTER PACK MANUFACTURER FILTER SIL

SCREEN MATERIAL SCH. 40 PVC
MANUFACTURER JOHNSON

SCREEN DIAMETER 2 INCH SLOT SIZE 0.010"

RISER MATERIAL SCH. 40 PVC
MANUFACTURER JOHNSON

RISER DIAMETER 2 INCH

DRILLING TECHNIQUE ROTO SONIC
AUGER/BIT SIZE AND TYPE 6" OUTER CASING
4" CORE BARREL

REMARKS _____

BENTONITE TYPE CHIPS MEDIUM
MANUFACTURER PURE COLD

CEMENT TYPE TYPE I/II PORTLAND CEMENT
MANUFACTURER LONESTAR

BOREHOLE DIAMETER 7 INCH

MACTEC FIELD REPRESENTATIVE KEVIN ARNOLD

DRILLING CONTRACTOR PROSONIC

AMOUNT BENTONITE BELOW (SCREEN) -----

AMOUNT BENTONITE USED (SEAL) 2-50 LB BAG

AMOUNT BENTONITE USED (GROUT) 1/5-50 LB BAG

DENSITY OF GROUT= 1ST 13.2 LBS/GAL
2ND 13.4 LBS/GAL

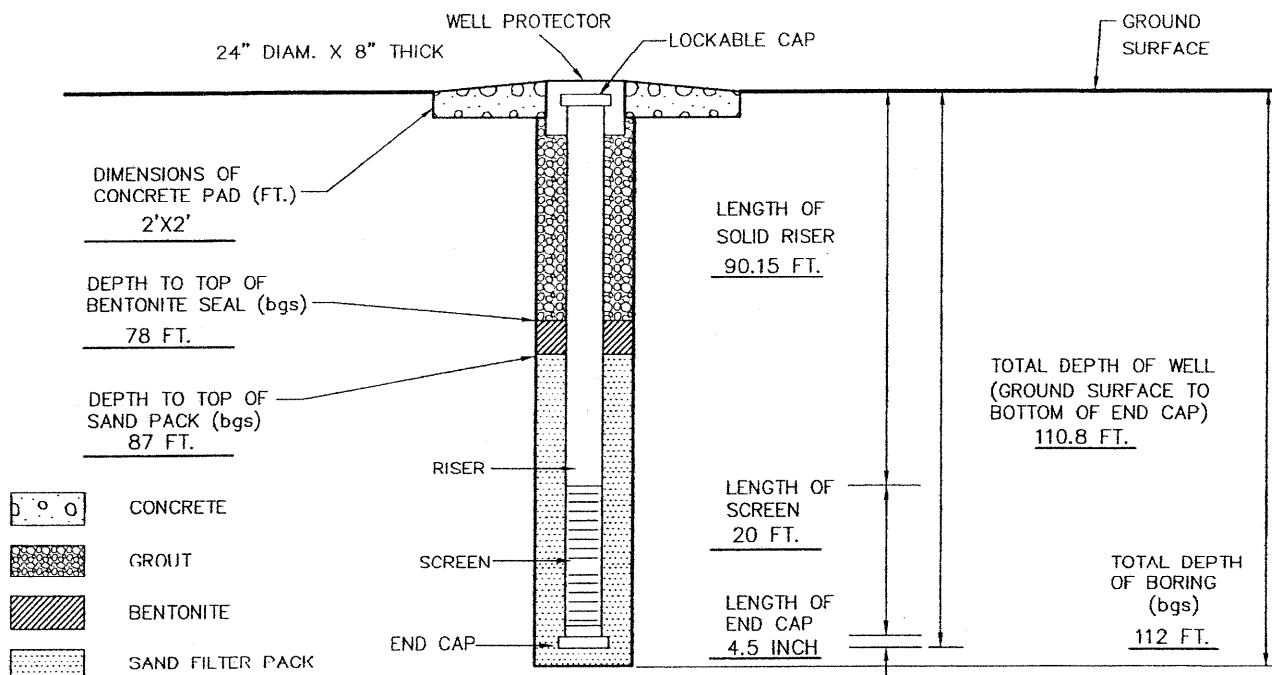
AMOUNT CEMENT USED (GROUT) 12-94 LB BAGS

AMOUNT SAND USED 8-50 LB BAGS

STATIC WATER LEVEL (>24 hrs after dev) 93.21

MEASURED ON (Date/Time) 06/24/2004

(NOT TO SCALE;
ALL MEASUREMENTS IN FEET)



QA / QC

DRILLER: DAVID WILCOX

INSPECTOR: KEVIN ARNOLD

DISCREPANCIES: _____

CHECKED BY: K.A./RNQ

DATE: 07-08-2004/09-3-2004