

DDMT MONITORING WELL INSTALLATION DIAGRAM (FLUSH MOUNT COMPLETION)

PROJECT NAME DDMT

PROJECT NO. 6301-04-0002

WELL NO. MW-143

WELL LOCATION EAST OF BLDG. 925/NE OF BLDG. 949

DATE 05/12/2004

START TIME 0911

GROUND SURFACE ELEVATION 290.74

BENTONITE TYPE CHIPS MEDIUM & 1/4" PELLETS

TOP OF SCREEN ELEVATION 212.32

MANUFACTURER PURE GOLD & BAROID

REFERENCE POINT ELEVATION 290.56

CEMENT TYPE TYPE I/II PORTLAND CEMENT

TYPE FILTER PACK SAND GRADATION 20/40

MANUFACTURER LONESTAR

FILTER PACK MANUFACTURER FILTER SIL

BOREHOLE DIAMETER 6 INCH

MACTEC FIELD REPRESENTATIVE KEVIN ARNOLD/BILL PAYNE/
CHRIS KRAMBIS

SCREEN MATERIAL SCH. 40 PVC

DRILLING CONTRACTOR PROSONIC

MANUFACTURER JOHNSON

AMOUNT BENTONITE BELOW (SCREEN) 1-5 GAL BUCKET

SCREEN DIAMETER 2 INCH SLOT SIZE 0.010"

AMOUNT BENTONITE USED (SEAL) 1-5 GAL BUCKET

AMOUNT BENTONITE USED (GROUT) 1-5 GAL BUCKET

RISER MATERIAL SCH. 40 PVC

DENSITY OF GROUT= 1ST 13.8 LBS/GAL

MANUFACTURER JOHNSON

2ND 14.0 LBS/GAL

3RD 13.9 LBS/GAL

RISER DIAMETER 2 INCH

AMOUNT CEMENT USED (GROUT) 16-94 LB BAGS

DRILLING TECHNIQUE ROTO SONIC

AMOUNT SAND USED 5.5-50 LB BAGS

AUGER/BIT SIZE AND TYPE 6" OUTER CASING

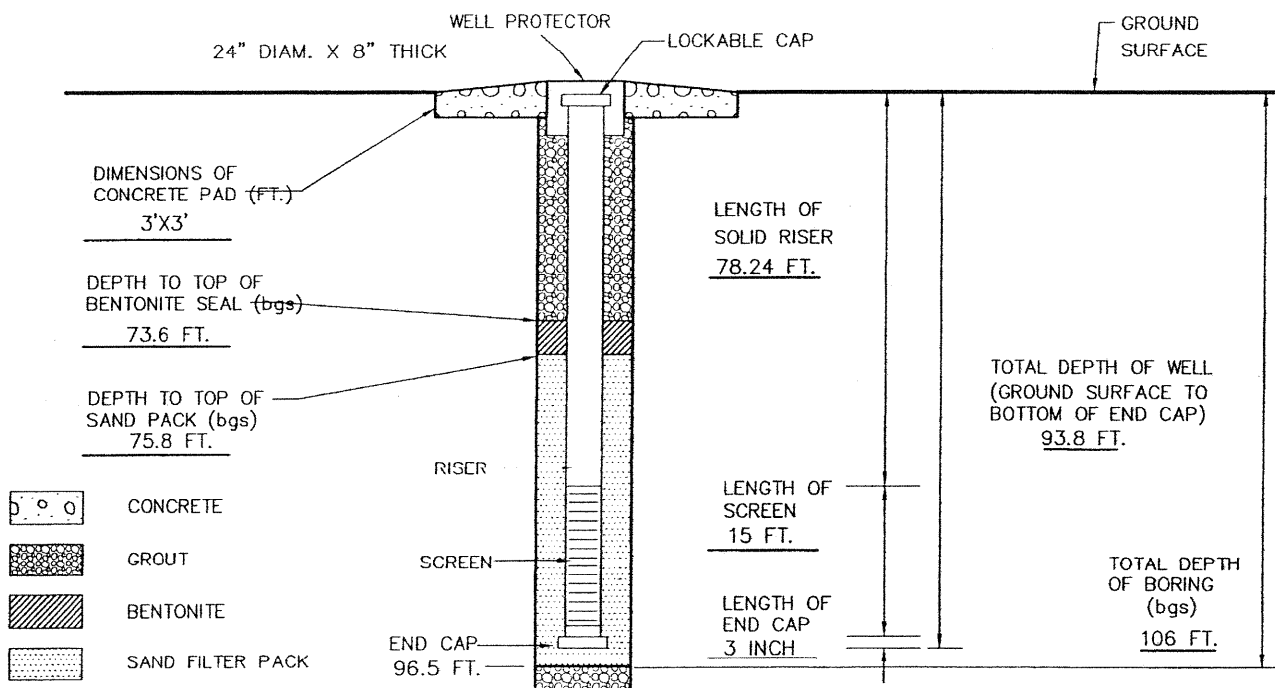
STATIC WATER LEVEL (>24 hrs after dev) 90.25

4" CORE BARREL

MEASURED ON (Date/Time) 06/25/2004

REMARKS

(NOT TO SCALE;
ALL MEASUREMENTS IN FEET)



QA / QC

DRILLER: ADAM MARSHALL

INSPECTOR: BILL PAYNE

DISCREPANCIES:

CHECKED BY: K.A./RNQ

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