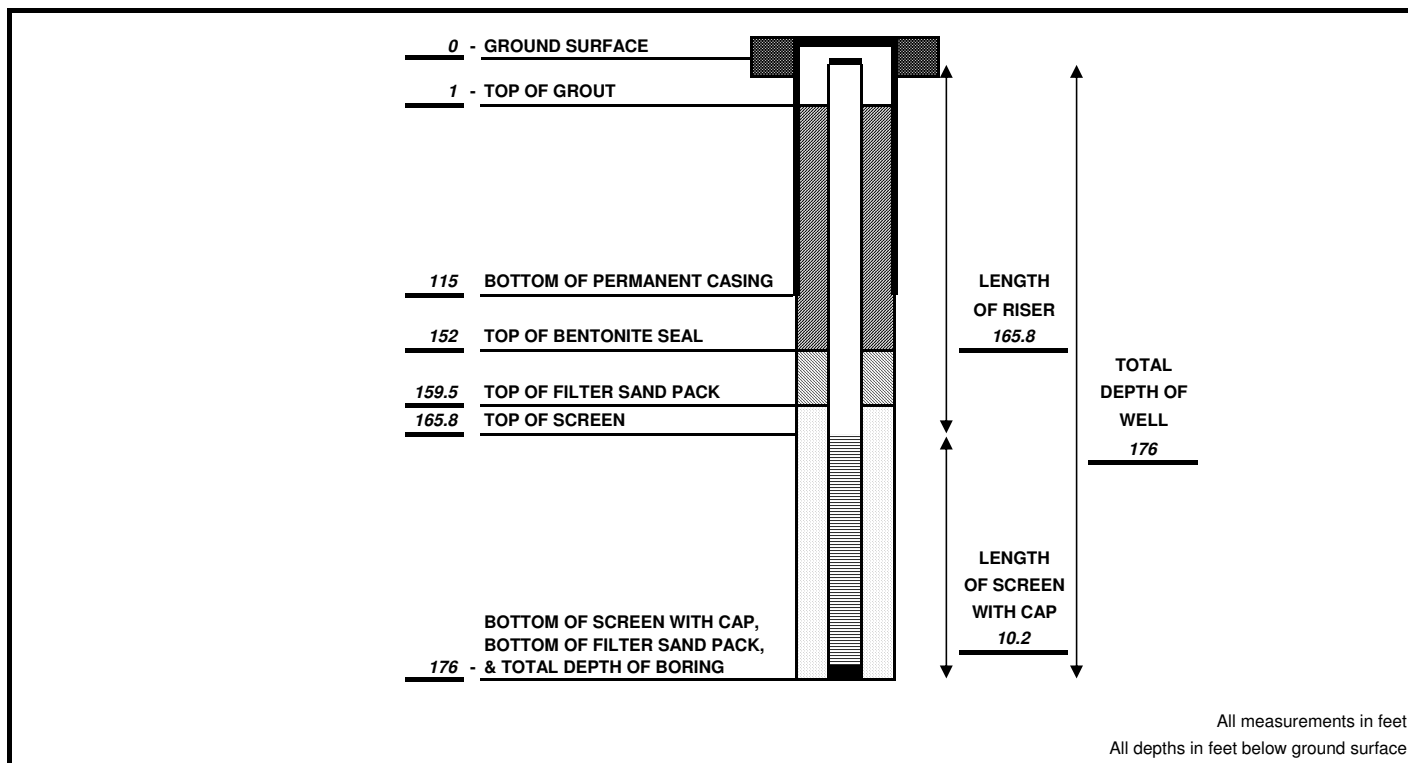


**CH2MHILL****Monitoring Well / Piezometer Completion Diagram***Flush Mount*

Project Name	Memphis Depot	Project Number	334469.SA.HS	Northing	281334.02
Project Location	Memphis, Tennessee	Start Date / Time	9/14/2007	Easting	801009.58
Well / Piezometer ID	MW-239	End Date / Time	9/20/2007		

Ground Surface Elevation	288.77	Static Water Level (ft btoc)	128.20
Top of Casing Elevation	288.44	Measured On	9/24/2007
Concrete Pad		Filter Pack Type	20 / 40
Dimensions	3 x 3 ft	Manufacturer	Southern Filter Media
Drain Tube	N	Amount Sand Used	4 X 50-lb bag(s)
Well Casing		Bentonite Type	3/8" Chips / Bentonite Powder (Gel)
Diameter	2"	Manufacturer	DSI SHUR-PLUG / DSI PURE-GEL
Material	Schedule 40 PVC	Amount Bentonite Below Screen	N/A
		Amount Bentonite Used (Seal)	1 X 50-lb bag(s)
Screen		Cement Type	Portland Type I
Diameter	2"	Manufacturer	Ash Grove
Material	Schedule 40 PVC	Amount Cement Used (Grout)	12 X 92.6-lb bag(s)
Slot Size	0.01	Density of Grout	12.2 lbs/gal
Permanent Casing		Cement Type (Permanent Casing)	Portland Type I
Diameter	6"	Manufacturer	Ash Grove
Material	Schedule 80 PVC	Amount Cement Used (Grout)	15 X 92.6-lb bag(s)
		Density of Grout	11.0 lbs/gal
Drilling Technique	Rotosonic (R ₁) / Rotosonic (R ₂)		
Auger/Bit Size and Type	(R ₁) 4" Core / 6"; 9.25" Casing		
Auger/Bit Size and Type	(R ₂) 3" Core / 5.75" Casing		
Borehole Diameter	(R ₁) 9.5" / (R ₂) 6"		
	Drilling Contractor	Boart Longyear	
	CH2M HILL Field Representative	Derek Miller	
Remarks	Grout Mix Ratio: 1 X 92.6-lb cement, 8 gals water, ~1 lbs bentonite gel		



QA / QC	DRILLER:	J. Asua / T. Overcash	INSPECTOR:	Derek Miller
	DISCREPANCIES:		CHECKED BY:	D. Nelson
			DATE:	10/20/2007