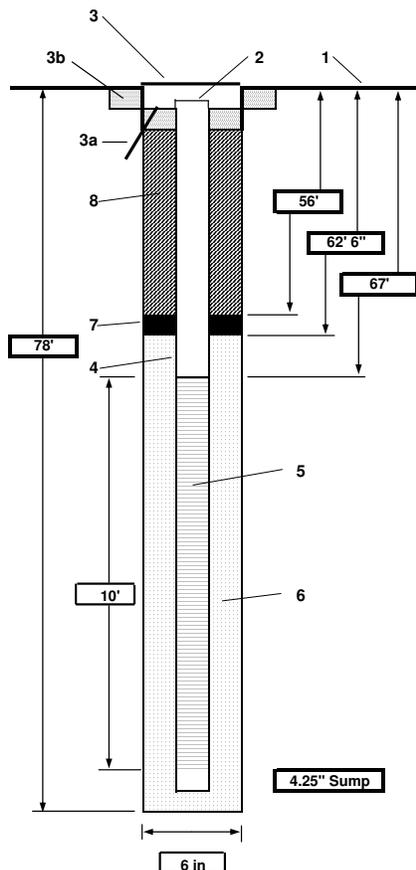




PROJECT NUMBER <b>177556.SA.FE</b>	WELL NUMBER <b>MW-174</b>	SHEET 1 OF 1
<b>WELL COMPLETION DIAGRAM</b>		

PROJECT : DDMT 2005 Well Installation LOCATION : Memphis Depot, Dunn Field  
 DRILLING CONTRACTOR Prosonic Corp  
 DRILLING METHOD AND EQUIPMENT USED Rotasonic rig (4 inch sample casing / 6 inch outer casing)  
 WATER LEVELS : START : 10/11/2005 END: 10/12/2005 LOGGER : Mike Karafa



**Note: Diagram not to scale.**  
 Back filled boring from 96' to 78' with bentonite chips

1- Ground elevation at well	296.83 feet MSL
2- Top of casing elevation	296.56 feet MSL
3- Wellhead protection cover type	Flush-mount wellhead pad
a) drain tube?	No
b) concrete pad dimensions	3 by 3 feet
4- Dia./type of well casing	2" ID Sch 40 PVC
5- Type/slot size of screen	2" ID Sch 40 PVC 0.010 in slotted screen
6- Type screen filter	Unimin FilterSil 20/40 #00N
a) Quantity used	5 - 50lbs bags
7- Type of seal	Pure Gold Medium Bentonite Chips
a) Quantity used	2 - 5lbs bags
8- Grout	
a) Grout mix used	Loanstar Type I/II Portland Cement and bentonite powder 23.8 lbs
b) Method of placement	Tremmie Method
c) Vol. of well casing grout	
Development method	Grundfos surge and develop with YSI
Development time	4.25 hour
Estimated purge volume	665 gallons
Comments	Depth To Water (DTW) = 72.15 feet
Final field parameters collected during well development (11/3/05):	
pH =	5.82
conductivity =	0.203 mS/cm
temperature =	19.51 °C
Dissolved Oxygen =	7.41 mg/l
Turbidity =	9.2 NTU