



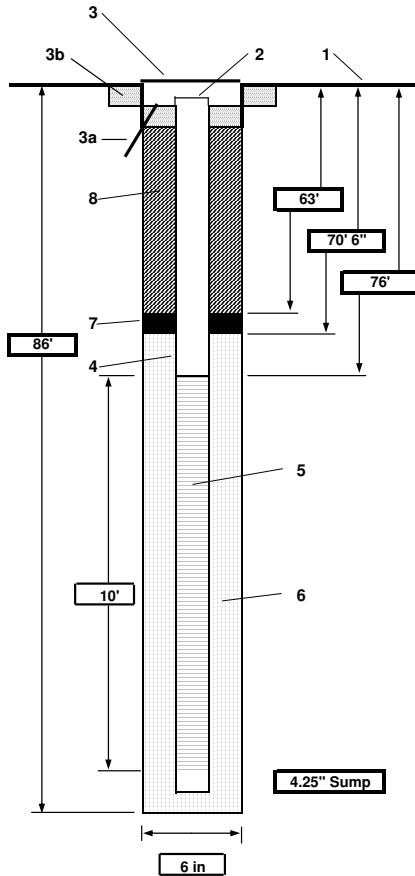
PROJECT NUMBER	177556.SA.FE	WELL NUMBER	MW-176	SHEET 1 OF 1
WELL COMPLETION DIAGRAM				

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 : 10/25/2005 END: 10/25/2005 LOGGER : Mike Karafa/ATL



**Note: Diagram not to scale.**  
Depth reached 96', then backfilled with bentonite to 87'.

1- Ground elevation at well	299.92 feet MSL
2- Top of casing elevation	299.68 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 Sch40 PVC 0.010 slotted screen
6- Type screen filter	Unimin FilterSil 20/40 #00N
a) Quantity used	unspecified bags
7- Type of seal	Pure Gold Medium Bentonite Chips
a) Quantity used	unspecified bags
8- Grout	
a) Grout mix used	Loanstar Type I/II Portland Cement and bentonite powder 25.9 lbs
b) Method of placement	Tremmie Method
c) Vol. of well casing grout	
Development method	Grundfos surge and develop with YSI
Development time	3 hour
Estimated purge volume	880 gallons
Comments	Depth To Water (DTW) = 74.45 feet
Final field parameters collected during well development (11/7/05):	
pH =	5.35
conductivity =	0.315 mS/cm
temperature =	18.57 °C
Dissolved Oxygen =	8.71 mg/l
Turbidity =	8.9 NTU