PROJECT NUMBER	WELL NUMBER	
177556.SA.FE	MW-175	SHEET 1 OF 1

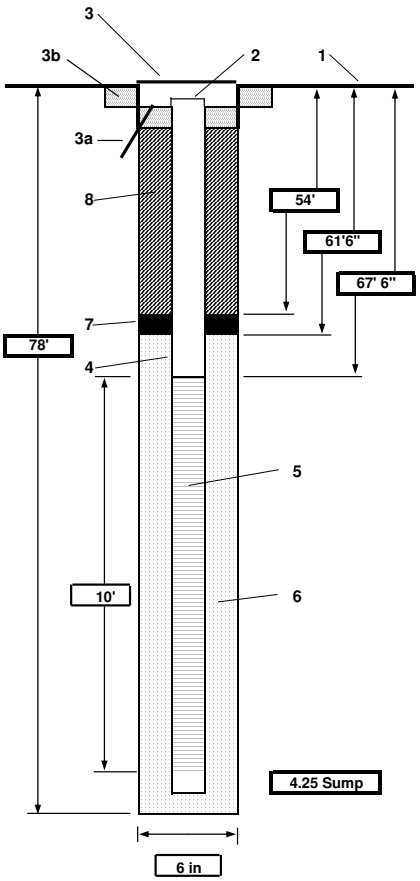
WELL COMPLETION DIAGRAM

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 : 10/13/2005 — END: 10/13/2005 — LOGGER : Mike Karafa



Note: Diagram not to scale.
Back filled boring from 86' to 78' with bentonite chips

1- Ground elevation at well	291.93 feet MSL
2- Top of casing elevation	291.63 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
	Steel riser on top of screen
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	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 27.1 lbs
b) Method of placement	Tremmie Method
c) Vol. of well casing grout	
Development method	Grundfos surge and develop with YSI
Development time	2 hour
Estimated purge volume	440 gallons

Comments — Depth To Water (DTW) = 65.6 feet

Final field parameters collected during well development (11/3/05):

pH =	5.52
conductivity =	0.208 mS/cm
temperature =	18.35 °C
Dissolved Oxygen =	7.78 mg/l
Turbidity =	3.2 NTU