



PROJECT NUMBER
148071.FI.LB

WELL NUMBER
MW-76

SHEET 1 OF 1

WELL COMPLETION DIAGRAM

PROJECT : Dunn Field DNAPL Investigation

LOCATION : Memphis, Tennessee

DRILLING CONTRACTOR : Tri-State Testing

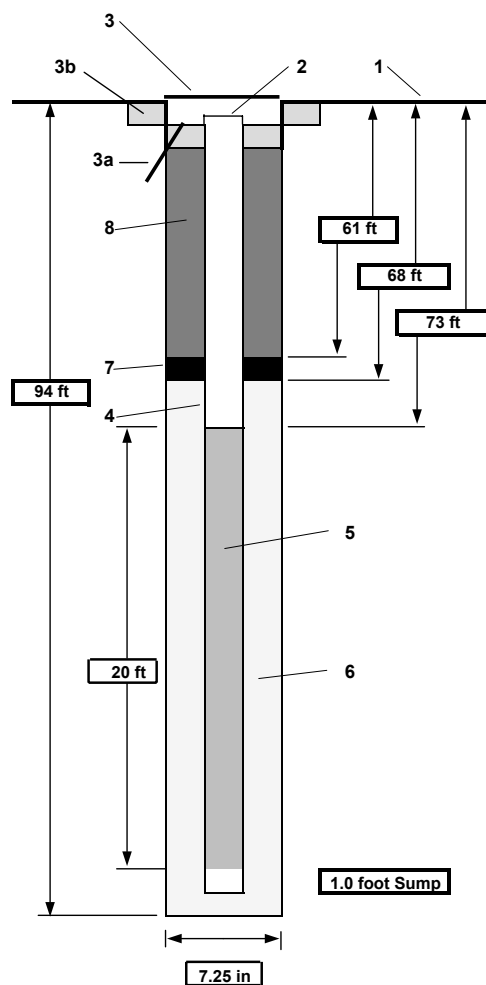
DRILLING METHOD AND EQUIPMENT USED : Hollow Stem Auger 3.25 inch ID

WATER LEVELS : 85.13 feet BTOC (01/2001)

START : 11/21/2000

END: 11/22/2000

LOGGER : Bryan Burkingstock



1- Ground elevation at well	303.3 feet MSL
2- Top of casing elevation	302.71 feet MSL
3- Wellhead protection cover type	Flush mount vault
a) drain tube?	no
b) concrete pad dimensions	3 ft x 3 ft
4- Dia./type of well casing	2-inch PVC
5- Type/slot size of screen	0.010 slot PVC
6- Type screen filter	#2 filter sand
a) Quantity used	8 bags
7- Type of seal	Bentonite chips
a) Quantity used	2 buckets
8- Grout	
a) Grout mix used	90% Portland Grout, 10% bentonite powder
b) Method of placement	Tremie Method
c) Vol. of well casing grout	
Development method	Surge & pump with an electrical, centrifugal, in-line pump.
Development time	6 hour
Estimated purge volume	220 gallons
Comments	Grout weight = lbs/gal
Total Depth (BTOC) =	94 feet
Final field parameters collected during well development (11/27/00):	
pH =	
conductivity = mS/cm	
temperature = °C	

Note: Diagram not to scale.