



PROJECT NUMBER 148071.FI.LB	WELL NUMBER MW-73	SHEET 1 OF 1
WELL COMPLETION DIAGRAM		

PROJECT : Dunn Field DNAPL Investigation

LOCATION : Memphis, Tennessee

DRILLING CONTRACTOR : Boart Longyear

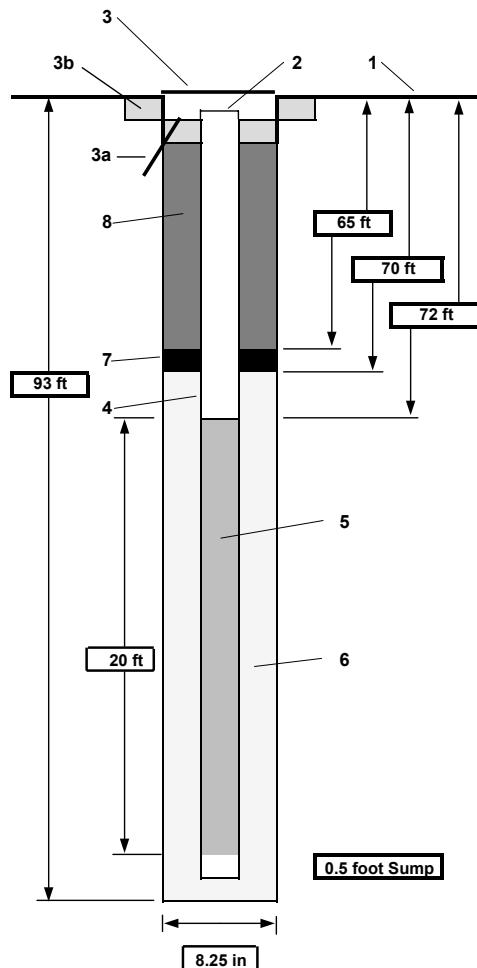
DRILLING METHOD AND EQUIPMENT USED : Hollow Stem Auger 4.25 inch ID

WATER LEVELS : 75.32 feet BTOC (01/2001)

START : 11/8/2000

END: 11/09/2000

LOGGER : Bryan Burkingstock



Note: Diagram not to scale.

1- Ground elevation at well	301.1 feet MSL
2- Top of casing elevation	300.65 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	14 bags
7- Type of seal	Bentonite chips
a) Quantity used	2 bags
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	4 hour
Estimated purge volume	220 gallons
Comments	
Grout weight =	lbs/gal
Total Depth (BTOC) =	92.5 feet
** Reference soil boring log, SBLCA-SB-2, for lithological details.**	
Final field parameters collected during well development (11/11/00):	
pH =	
conductivity =	mS/cm
temperature =	°C