PROJECT NUMBER	WELL NUMBER	
148071.FI.LB	MW-79	SHEET 1 OF 1

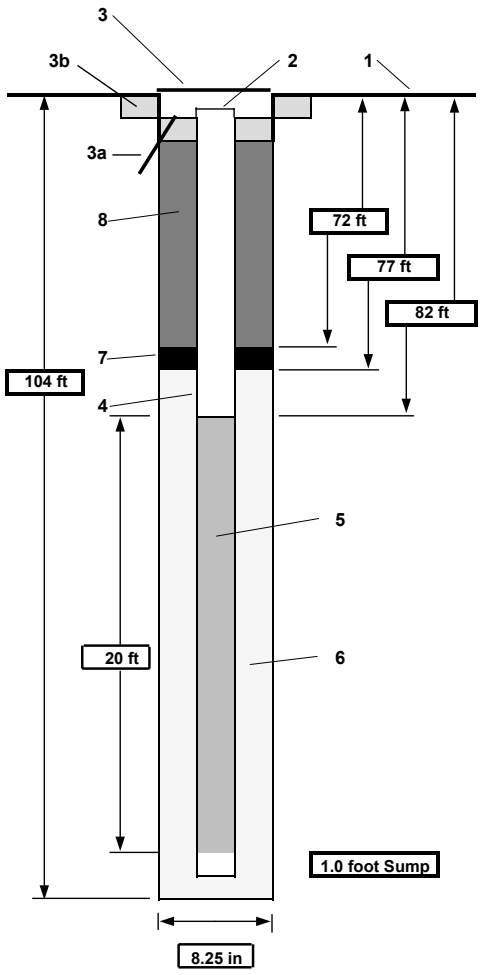
WELL COMPLETION DIAGRAM

PROJECT : Memphis Depot: Conceptual Model Investigation — LOCATION : Memphis, Tennessee

DRILLING CONTRACTOR : Tri-State Testing

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

WATER LEVELS : 72.38 feet BTOC (01/2001) — START : 12/05/2000 — END: 12/05/2000 — LOGGER : Bryan Burkingstock



Note: Diagram not to scale.

1-	Ground elevation at well	285.4 feet MSL
2-	Top of casing elevation	285.03 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	10 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	4 hour
	Estimated purge volume	220 gallons

Comments

Grout weight =		lbs/gal
Total Depth (BTOC) =	103	feet

Final field parameters collected during well development (12/13/00):

pH =		
conductivity =		mS/cm
temperature =		°C