



PROJECT NUMBER <b>170039</b>	WELL NUMBER <b>MW-109</b>	SHEET 1 OF 1
<b>WELL COMPLETION DIAGRAM</b>		

PROJECT : EBT Treatability Study

LOCATION : Memphis Depot

DRILLING CONTRACTOR : Boart Longyear

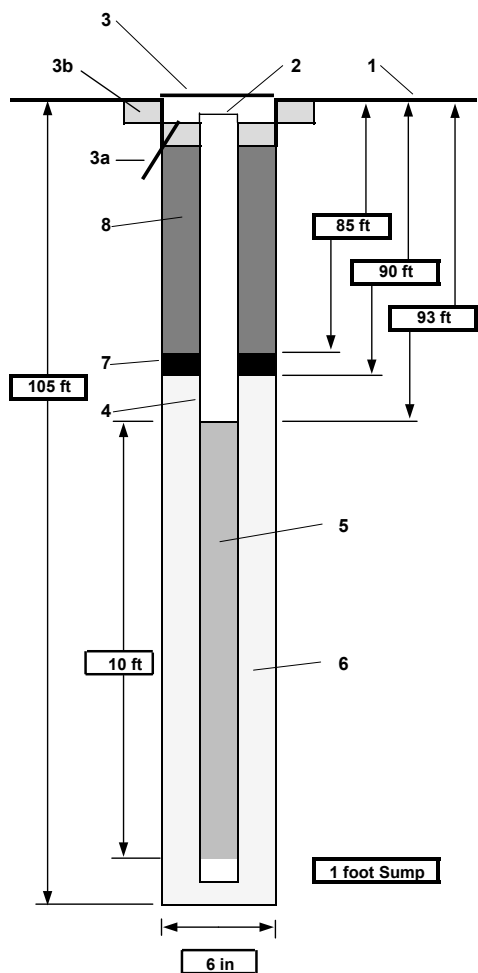
DRILLING METHOD AND EQUIPMENT USED : Rotasonic rig (4 inch sample casing / 6 inch outer casing)

WATER LEVELS :

START : 04/17/2002

END: 04/17/2002

LOGGER : Mike Karafa



Note: Diagram not to scale.

1- Ground elevation at well	_____	feet MSL	
2- Top of casing elevation	_____	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 inch Schedule 40 PVC		
5- Type/slot size of screen	2 inch 10-slot Schedule 40 PVC		
6- Type screen filter	Sand, DSI #2		
a) Quantity used	_____		bags
7- Type of seal	Bentonite pellets, DSI Shur-plug 3/8"		
a) Quantity used	_____		bags
8- Grout	90% grout / 10% bentonite powder		
a) Grout mix used	Tremmie Method		
b) Method of placement	_____		
c) Vol. of well casing grout	_____		
Development method	_____		
Development time	_____	hour	
Estimated purge volume	_____	gallons	
Comments	Total Depth (BGS) = 104 feet		
Final field parameters collected during well development (     /     /     ):			
pH = _____			
conductivity = _____			mS/cm
temperature = _____			°C
Dissolved Oxygen = _____			mg/l
Turbidity = _____			NTU