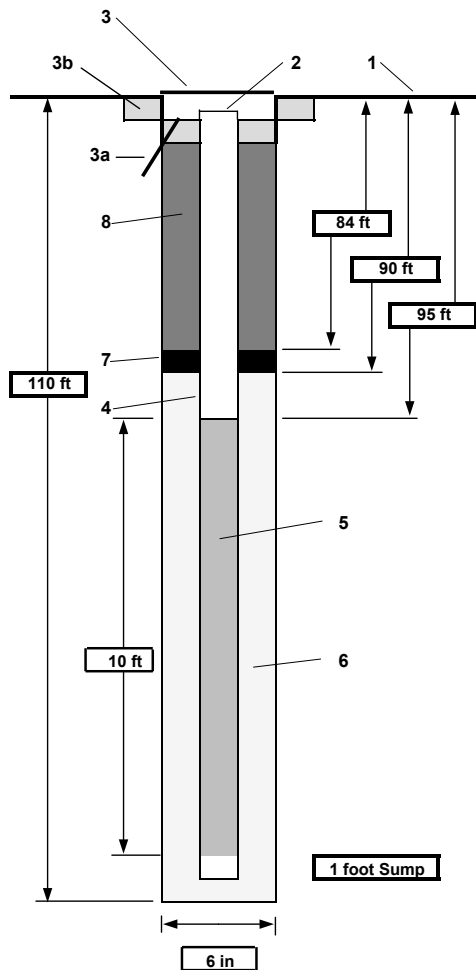




PROJECT NUMBER 170039	WELL NUMBER MW-120	SHEET 1 OF 1
WELL COMPLETION DIAGRAM		

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 : 04/20/2002 END: 04/20/2002 LOGGER : Bryan Burkingstock



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		
a) Grout mix used	90% grout / 10% bentonite powder	
b) Method of placement	Tremmie Method	
c) Vol. of well casing grout	_____	
Development method	Surge and remove sediment with stainless steel bailer. Developed using submersible pump.	
Development time	1.8 hour	
Estimated purge volume	130 gallons	
Comments	Total Depth (BGS) = 109 feet	
Final field parameters collected during well development (/ /):		
pH = _____		
conductivity = _____ mS/cm		
temperature = _____ °C		
Dissolved Oxygen = _____ mg/l		
Turbidity = _____ NTU		