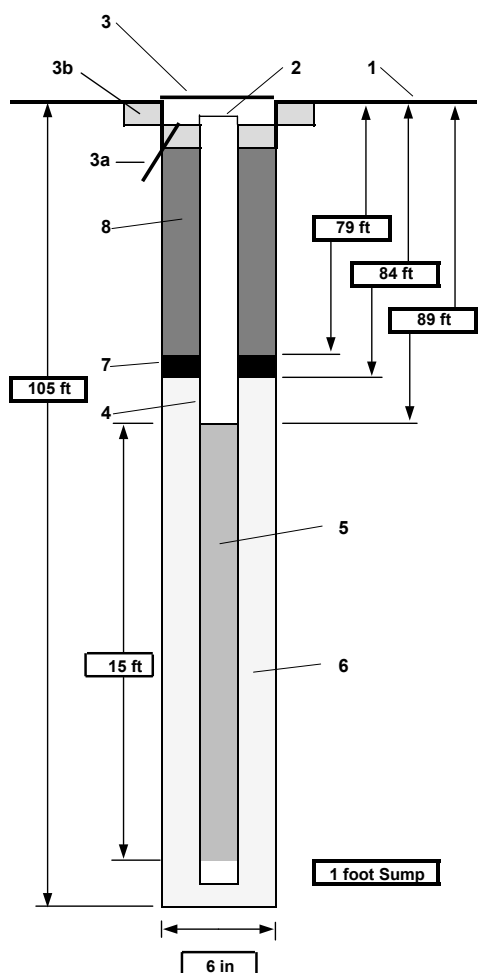




PROJECT NUMBER 170039	WELL NUMBER IW-3	SHEET 1 OF 1
WELL COMPLETION DIAGRAM		

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: 04/21/2002 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 40-slot Schedule 40 PVC
6- Type screen filter	Sand, 1 ft of DSI #2 on top of 3 ft of Global #4
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 develop with stainless steel bailer
Development time	5.5 hour
Estimated purge volume	16 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