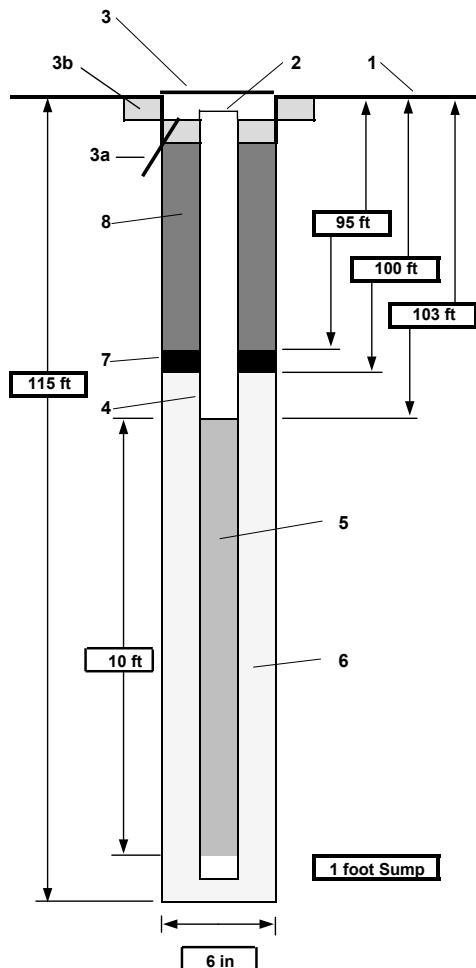




PROJECT NUMBER 170039	WELL NUMBER IW-5	SHEET 1 OF 1
WELL COMPLETION DIAGRAM		

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 : 04/19/2002 END: 04/19/2002 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 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 remove sediment with stainless steel bailer. Developed using submersible pump.
Development time	3 hour
Estimated purge volume	250 gallons
Comments	Total Depth (BGS) = 114 feet
Final field parameters collected during well development (/ /):	
pH = _____	
conductivity = _____ mS/cm	
temperature = _____ °C	
Dissolved Oxygen = _____ mg/l	
Turbidity = _____ NTU	