



PROJECT NUMBER 170039	WELL NUMBER MW-116	SHEET 1 OF 1
WELL COMPLETION DIAGRAM		

PROJECT : EBT Treatability Study

LOCATION : Memphis Depot

DRILLING CONTRACTOR : Boart Longyear

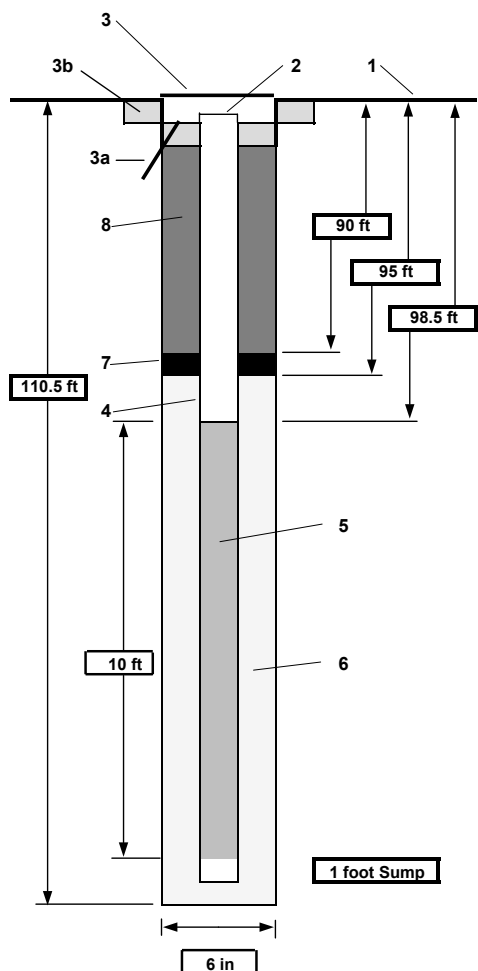
DRILLING METHOD AND EQUIPMENT USED : Rotasonic rig (4 inch sample casing / 6 inch outer casing)

WATER LEVELS :

START : 04/21/2002

END: 04/22/2002

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	1.7 hour
Estimated purge volume	150 gallons
Comments	Total Depth (BGS) = 109.5 feet
Final field parameters collected during well development (/ /):	
pH =	
conductivity =	mS/cm
temperature =	°C
Dissolved Oxygen =	mg/l
Turbidity =	NTU