

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Office of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED Madison	
WELL NUMBER MW-2	CODED
M53	
DATE WELL COMPLETED 5/29/96	

PERMIT NUMBER
NAME OF DRILLING FIRM Burns Cooley Dennis, Inc.

NAME & MAILING ADDRESS OF LANDOWNER		
City of Canton, Gus Kraft, Public Works Dir.		
Post Office Box 1605		
Canton, Mississippi 39046		
WELL LOCATION	SEC	TOWNSHIP RANGE
SW/SE/NNW/SE	26	9 S 2 W
DISTANCE	DIRECTION	NEAREST TOWN
1 Miles	SW	of Canton
OTHER LANDMARK Canton Sanitary Landfill		
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Municipal Landfill Monitoring Well		

PUMP DATA ← N/A		
PUMP TYPE (Circle One): Submersible, Turbine, Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) H/P		
Pump Capacity (GPM)	No. of Stages	Setting Depth
		FT.
PUMP TEST		
Well yielded _____ GPM with a drawdown of _____ ft. after _____ hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (in.)	Casing Length (Ft.)
75 (See Attached Well Schematic)	2	5
Type of Casing	Hole Depth	Depth to Static Water Level
PVC	75	
TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)		
WELL GROUTED TO A DEPTH OF _____ FEET Type Grout (circle one): Cement, Bentonite, or Mix		

LOG DATA	
TYPE OF LOG RUN (Circle One): No Log Run, <u>Electric</u> , Gamma Ray, Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log Miss. Bureau of Geology	

SCREEN DATA		
Diameter - inches	Length - Feet	Slot Size - inches
2 (See Attached Well Schematic)	10	
Screen Type	Depth to Bottom - Feet	
PVC	75	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Sub. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
Top of Lap Pipe or Reduction in Casing			
FEET			
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

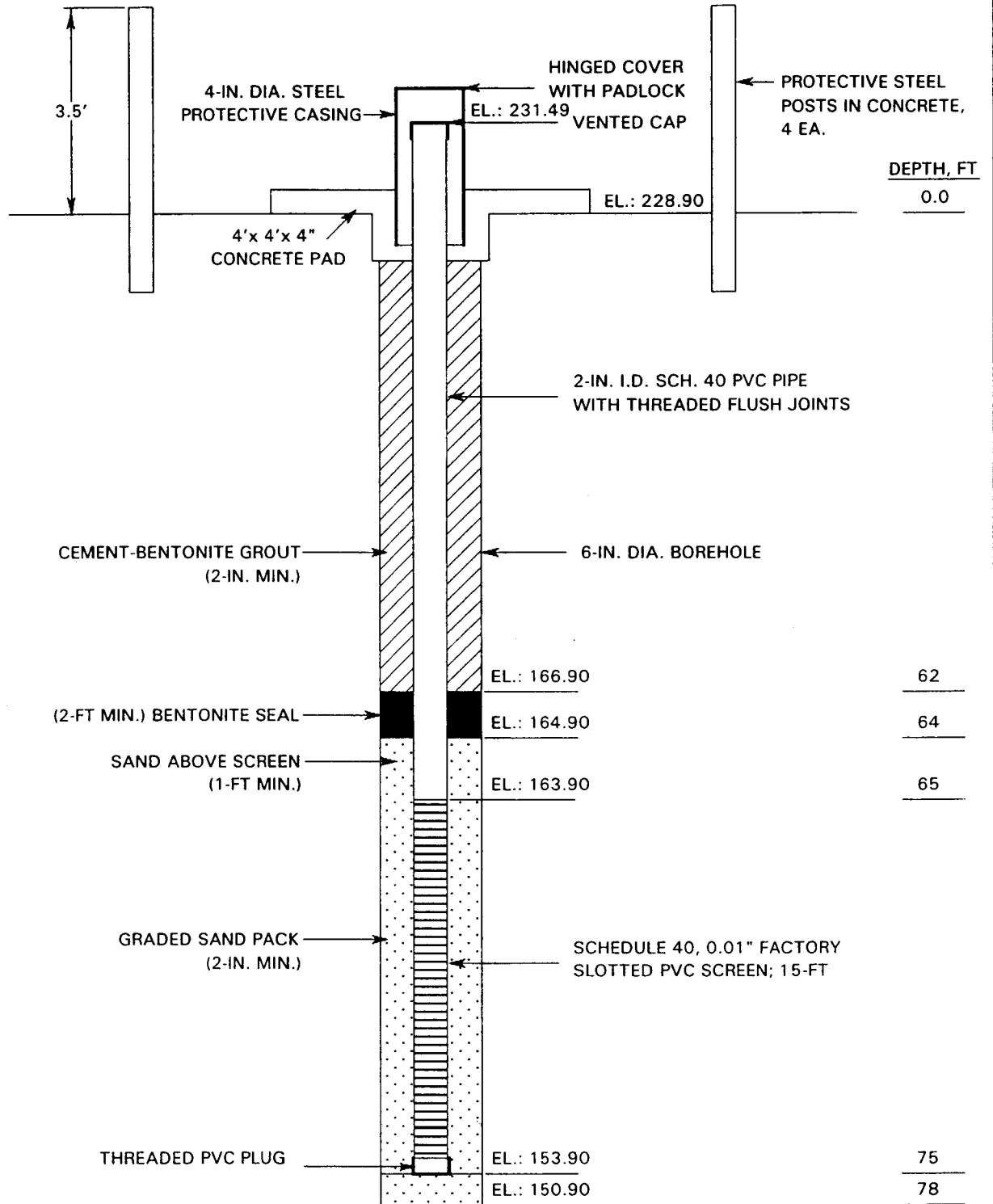
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
(See Attached Boring Log)		

FORMATIONS (Continued)	FROM	TO

RECORDED
JUN 10 1997
Dept. of Environmental Quality
Office of Land & Water Resources

MONITOR WELL NO. MW-2
 CANTON SANITARY LANDFILL
 MADISON COUNTY, MISSISSIPPI

M53



GROUNDWATER MONITORING WELL
 NOT TO SCALE

DATE INSTALLED: 5/29/96

NOTE: SCREENED INTERVAL PLACED IN SILTY SAND (SM) OF MOODYS BRANCH FORMATION




INSTALLER: BCD, INC.

LOG OF BORING NO. MW-2
CANTON LANDFILL
MADISON COUNTY, MISSISSIPPI

M53

TYPE: Rotary wash

LOCATION: See Figure 1

DEPTH, FT	SYMBOL	SAMPLES	DESCRIPTION OF MATERIAL	BLOWS PER FT	DRY DENSITY LBS/CU FT	Cohesion, kips/sq ft			
						1	2	3	4
			SURFACE EL: FT			 UC		 UU	
						PLASTIC LIMIT	WATER CONTENT %	LIQUID LIMIT	
						+-----+ 20	40 ● 60	+-----+ 80	
5			Very stiff tan and light gray clay (CH) (Weathered Yazoo)						
10									
15									
20									
25			Hard blue clay (CH) with fossil fragments (Unweathered Yazoo)						
30									
35									
40									
45									
50									

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LOG OF BORING NO. MW-2 (Continued)

1153

DEPTH, FT	SYMBOL	SAMPLES	DESCRIPTION OF MATERIAL	BLOWS PER FT	DRY DENSITY LBS/CU FT	Cohesion, kips/sq ft			
						○ - UC	△ - UU		
						1	2	3	4
						PLASTIC LIMIT	WATER CONTENT %		LIQUID LIMIT
						+ 20	40 ● 60	+ 80	
55									
60									
65			Very stiff light gray silty clay (CL), slightly cemented (Moody's Branch)						
70			Very dense blue and gray silty fine sand (SM), slightly clayey, with glauconite and fossil fragments (Moody's Branch)						
75									
80			Hard blue and gray silty clay (CL), cemented (Moody's Branch)						
85									
90									
95									
100									
BORING DEPTH: 79.0 FT			COMMENTS: Logged by rotary wash cuttings.	GROUNDWATER DATA: Not determined.					
DATE: 5/29/96									

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