

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources

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

COUNTY WELL LOCATED DESOTO		PERMIT NUMBER GW-155769
WELL NUMBER 5	CODED	NAME OF DRILLING FIRM HERNDON WELL & SUPPLY
C-23		LOCATION SHANNON, MS
DATE WELL COMPLETED 03/15/01		

NAME & MAILING ADDRESS OF LANDOWNER PLEASANT HILL WATER ASSOC		
7606 PLEASANT HILL RD		
P. O. BOX 624		
OLIVE BRANCH, MS 38654		
WELL LOCATION: SEC	TOWNSHIP	RANGE
34	1	7
DISTANCE	DIRECTION	NEAREST TOWN
2 Miles	WEST	of OLIVE BR
OTHER LANDMARK		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. MUNICIPAL		

PUMP DATA		
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) H/P <u>100</u>		
Pump Capacity (GPM)	No. of Stages	Setting Depth
1000	5	260 FT.
PUMP TEST		
Well yielded 1001 GPM with		
a drawdown of 60 ft.		
after 8 hours of pumping		

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
330	18	277
Type of Casing	Hole Depth	Depth to Static Water Level
Steel	442	176
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)		
Top of Lap Pipe or Reduction in Casing		
216 FEET	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

LOG DATA	
TYPE OF LOG RUN (Circle One): <u>Electric</u> , Gamma Ray, Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log MS OFFICE OF GEOLOGY	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
12	51	.030
Screen Type	Depth to Bottom - Feet	
STAINLESS	330	

Driller's Remarks	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
BROWN CLAY	0	6	<div style="font-size: 2em; font-weight: bold; opacity: 0.5;">RECEIVED</div> <div style="font-size: 1.2em; font-weight: bold; margin-top: 10px;">MAR 09 2001</div> <div style="font-size: 1em; margin-top: 20px;">Dept. of Environmental Quality Office of Land & Water Resources</div>		
BROWN SAND, CLAY STRKS	6	30			
GRAVEL	30	55			
BLUE CLAY	55	153			
STRKD SAND & CHAULK	153	275			
SAND	275	325			
BLUE CLAY, STRKD SAND	325	445			

IF MORE SPACE IS NEEDED, USE BACK