

**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	
<b>RANKIN</b>	
WELL NUMBER <b>E-14</b>	CODED
DATE WELL COMPLETED. <b>02-07-02</b>	

PERMIT NUMBER
NAME OF DRILLING FIRM <b>Herndon Well &amp; Supply, Inc.</b>
<b>Pearl</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>Refuge Golf Course</b>			
<b>Airport Rd.</b>			
<b>Flowood, Ms.</b>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<b>33</b>	<b>6</b>	<b>(N) 2 (E)</b> <b>(S)</b>
DISTANCE	DIRECTION	NEAREST TOWN	
Miles	of		
OTHER LANDMARK <b>Refuge Golf Course</b>			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>Irrigation</b>			

PUMP DATA			
PUMP TYPE (Circle One): (Submersible, ) Turbine, Jet, Flowing Well, Other (Describe)			
POWER TYPE (Circle One): (Electric, ) Tractor, Diesel, Gasoline, Butane, Other (Describe) <b>H/P 7.5</b>			
Pump Capacity (GPM)	No of Stages	Setting Depth	
<b>90 GPM</b>	<b>19</b>	<b>232 FT.</b>	
PUMP TEST			
Well yielded <b>90</b> GPM with a drawdown of <b>20'</b> ft. after <b>4</b> hours of pumping			

WELL DATA		
Well Depth <b>475</b>	Casing Diameter (in) <b>5"</b>	Casing Length (Ft) <b>375</b>
Type of Casing <b>PVC</b>	Hole Depth <b>425</b>	Depth to Static Water Level <b>162</b>
TYPE OF COMPLETION: (Circle One or More): (Gravel Packed, ) Underreamed, ( Telescoped, ) Natural Development, Open Hole, Other (Describe) <b>5" x 4"</b>		

LOG DATA	
TYPE OF LOG RUN (Circle One): ( No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log <b>N/A</b>	

WELL GROUTED TO A DEPTH OF <b>300</b> FEET Type Grout (circle one): <b>Cement</b> , Bentonite, or Mix
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GEOLOGIC DATA (Office Use Only)			
Surface Elev	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

SCREEN DATA		
Diameter - Inches <b>4"</b>	Length - Feet <b>40'</b>	Slot Size - Inches <b>.008</b>
Screen Type <b>SS Johnson</b>	Depth to Bottom - Feet <b>425</b>	

Driller's Remarks <b>GOOD WELL</b>	
Top of Lap Pipe or Reduction in Casing <b>N/A</b> FEET <small>IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE</small>	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
topsoil	0	5			
sandy clay	5	35			
gray clay	35	207			
sandy shale & lignite	207	300			
sand & clay streaks	300	375			
sand	375	430			
sandy clay	430	460			
clay	460	504			
drilled to		504			

**RECEIVED**  
**FEB 17 2002**  
**BY: OLWR**

If well telescopes please  
sketch and show depths.

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen,  
show location of each on sketch.