

**MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES**

Bureau of Land and Water Resources

P.O. Box 10631  
Jackson, Mississippi 39209  
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED <b>Desoto</b>
WELL NUMBER <b>5 G 71</b> CODED <input checked="" type="checkbox"/>
DATE WELL COMPLETED <b>04 January '89</b>

PERMIT NUMBER
NAME OF DRILLING FIRM <b>Herndon Well &amp; Supply</b>
<b>Shannon, MS</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>Brights Water Association</b>		
<b>Hernando, MS</b>		
WELL LOCATION: SEC	TOWNSHIP	RANGE
<b>34</b>	<b>2</b>	<b>7 S W</b>
DISTANCE	DIRECTION	NEAREST TOWN
<b>7</b> Miles	<b>NE</b>	<b>Hernando</b>
OTHER LANDMARK		
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>Municipal</b>		

PUMP DATA		
PUMP TYPE (Circle One): <b>40 hp</b> Submersible <input checked="" type="checkbox"/> Turbine, Jet, Flowing Well, Other (Describe)		
POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe)		
Pump Capacity (GPM)	No. of Stages	Setting Depth
<b>524</b>	<b>5</b>	<b>210 FT.</b>
PUMP TEST		
Well yielded <b>524</b> GPM with a drawdown of <b>33'</b> after <b>8</b> hours of pumping		

WELL DATA		
Well Depth <b>318'</b>	Casing Diameter (In.) <b>12"</b>	Casing Length (Ft.) <b>282'</b>
Type of Casing <b>Steel</b>	Hole Depth <b>440'</b>	Depth to Static Water Level <b>132'</b>
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed, <input type="checkbox"/> Underreamed, <input type="checkbox"/> Telescoped, Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other (Describe)		
Top of Lap Pipe or Reduction in Casing <b>218' FEET</b> IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA	
TYPE OF LOG RUN (Circle One): <input checked="" type="checkbox"/> Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log <b>Herndon Well &amp; Supply, Inc.</b>	

SCREEN DATA		
Diameter - Inches <b>8"</b>	Length - Feet <b>36'-7"</b>	Slot Size - Inches <b>.020</b>
Screen Type <b>SS Ribbed</b>	Depth to Bottom - Feet <b>318'</b>	

GEOLOGIC DATA (Office Use Only)			
Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks <b>319 33/8</b>			

RECEIVED

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Red Clay Gravel	0	14			
Red Sand	14	40	MAY 18 1989		
Clay	40	90	Department of Natural Resources		
Sand	90	320	Bureau of Land & Water Resources		
Blue Clay	320	335			
Sand	335	442			

IF MORE SPACE IS NEEDED, USE BACK