

**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>DESOTO</b>	
WELL NUMBER <b>73</b>	CODED
<b>H 2085</b>	
DATE WELL COMPLETED <b>8-17-99</b>	

PERMIT NUMBER
NAME OF DRILLING FIRM <b>SMITH WELLS</b>
<b>SMITH &amp; SONS</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>Bill Knight FOREST Hill S.W.R.</b>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
	<b>L-8</b>	<b>T-2</b>	<b>R-15E</b>
DISTANCE	DIRECTION	NEAREST TOWN	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.			

<b>PUMP DATA</b>		
PUMP TYPE (Circle One): <input checked="" type="radio"/> Submersible, <input type="radio"/> Turbine, <input type="radio"/> Jet, <input type="radio"/> Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <input checked="" type="radio"/> Electric, <input type="radio"/> Tractor, <input type="radio"/> Diesel, <input type="radio"/> Gasoline, <input type="radio"/> Butane, Other (Describe) _____		
Pump Capacity (GPM) <b>20</b>	No. of Stages <b>14</b>	Setting Depth <b>60</b> FT.
PUMP TEST: Well yielded <b>30</b> GPM with a drawdown of <b>3</b> ft. after <b>2</b> hours of pumping		

<b>WELL DATA</b>		
Well Depth <b>110</b>	Casing Diameter (In.) <b>4"</b>	Casing Length (Ft.) <b>100</b>
Type of Casing <b>PVC</b>	Hole Depth <b>110</b>	Depth to Static Water Level <b>40'</b>

<b>LOG DATA</b>	
TYPE OF LOG RUN (Circle One): <input type="radio"/> No Log Run, <input type="radio"/> Electric, <input type="radio"/> Gamma Ray, <input type="radio"/> Density, <input type="radio"/> Sonic, <input type="radio"/> Neutron, Other (Describe) _____	
Name of Organization Running Log	

TYPE OF COMPLETION: (Circle One or More):  
 Gravel Packed,  Underreamed,  Telescoped,  
 Natural Development,  Open Hole,  Other  
 (Describe) **WASTED SAND**

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

WELL GROUTED TO A DEPTH OF **10** FEET  
 Type Grout (circle one): Cement, Bentonite, or Mix

Driller's Remarks			
Top of Lap Pipe or Reduction in Casing			
FEET			
IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE			

<b>SCREEN DATA</b>		
Diameter - Inches <b>4"</b>	Length - Feet <b>10'</b>	Slot Size - Inches <b>1/4" tubes</b>
Screen Type <b>PVC</b>	Depth to Bottom - Feet <b>110</b>	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<b>TOP SOIL</b>	<b>0</b>	<b>20</b>	<b>RECEIVED</b>  <b>JAN 07 1999</b>		
<b>WHITE SAND</b>	<b>20</b>	<b>20</b>			
<b>WHITE SAND</b>	<b>20</b>	<b>110</b>			

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IF MORE SPACE IS NEEDED, USE BACK