

**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>4M2036</b> CODED
DATE WELL COMPLETED <b>1-19-99</b>

PERMIT NUMBER
NAME OF DRILLING FIRM <b>SMITH WELL DRILLING + SERVICE</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>Lot 2 HAWKS INVESTMENTS</b>			
<b>HONEY RIDGE HWY</b>			
<b>305 + County Line</b>			
WELL LOCATION	SEC	TOWNSHIP	RANGE
<b>P-35</b>	<b>T3</b>	<b>N R6</b>	<b>W</b>
DISTANCE	DIRECTION	NEAREST TOWN	
<b>5</b> Miles	<b>SOUTH</b>	<b>COCKRUM</b>	
OTHER LANDMARK			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <b>HOME</b>			

<b>PUMP DATA</b>		
PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible, Turbine, Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P <b>3/4</b>		
Pump Capacity (GPM)	No of Stages	Setting Depth
<b>12</b>	<b>10</b>	<b>140</b> FT.
PUMP TEST		
Well yielded <b>12</b> GPM with a drawdown of <b>4</b> ft. after <b>2</b> hours of pumping		

<b>WELL DATA</b>		
Well Depth <b>185</b>	Casing Diameter (in) <b>4</b>	Casing Length (Ft) <b>165'</b>
Type of Casing <b>PVC</b>	Hole Depth <b>185'</b>	Depth to Static Water Level <b>120'</b>
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) <b>WASHED SAND</b>		
WELL GROUTED TO A DEPTH OF <b>10</b> FEET Type Grout (circle one): Cement, Bentonite, or Mix		

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

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

<b>SCREEN DATA</b>		
Diameter - inches <b>4</b>	Length - Feet <b>20</b>	Slot Size - inches <b>1/4 THOUS.</b>
Screen Type <b>PVC</b>	Depth to Bottom - Feet <b>185'</b>	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<b>BROWN CLAY</b>	<b>0'</b>	<b>40'</b>			
<b>SAND + GRAVEL</b>	<b>40'</b>	<b>80'</b>			
<b>FINE SAND + CLAY</b>	<b>80'</b>	<b>120'</b>			
<b>FINE WHITE SAND</b>	<b>120'</b>	<b>170'</b>			
<b>MED. WHITE SAND</b>	<b>170'</b>	<b>185'</b>			

**RECEIVED**

SEP 09 1999

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Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK