

**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>DESSO</b>		PERMIT NUMBER
WELL NUMBER <b>143</b>	CODED	NAME OF DRILLING FIRM <b>SMITH WELL</b>
DATE WELL COMPLETED <b>5-19-00</b>		<b>DRILL + SERV.</b>

NAME & MAILING ADDRESS OF LANDOWNER  
**BUBBA BLACK**

**OAK CROVE RD**

**HERNANDO**

WELL LOCATION SEC TOWNSHIP RANGE  
**N-14-T-3 S R-8 E**

DISTANCE DIRECTION NEAREST TOWN  
**2 Miles S/W of HERNANDO**

OTHER LANDMARK

WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc.

**PUMP DATA**

PUMP TYPE (Circle One):  
 Submersible Turbine Jet Flowing Well  
Other (Describe)

POWER TYPE (Circle One):  
 Electric Tractor Diesel Gasoline Butane  
Other (Describe) H/P **3/4**

Pump Capacity (GPM)	No of Stages	Setting Depth
<b>12</b>	<b>11</b>	<b>170</b> FT.

PUMP TEST

Well yielded **12** GPM with  
a drawdown of **3** ft.  
after **1** hours of pumping

**WELL DATA**

Well Depth <b>215</b>	Casing Diameter (In) <b>4"</b>	Casing Length (Ft) <b>205</b>
Type of Casing <b>PVC</b>	Hole Depth <b>215</b>	Depth to Static Water Level <b>100</b>

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

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

**LOG DATA**

TYPE OF LOG RUN (Circle One):  
 No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron,  
Other (Describe)

Name of Organization Running Log

**SCREEN DATA**

Diameter - inches <b>4"</b>	Length - Feet <b>10</b>	Slot Size - inches <b>14 THOUS</b>
Screen Type <b>PVC</b>	Depth to Bottom - Feet <b>215</b>	

**GEOLOGIC DATA (Office Use Only)**

Surface Elev	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	<b>DISCONTINUED</b>		Acquifer Test
Driller's Report <b>JAN 04 2001</b>			

Top of Lap Pipe or Reduction in Casing  
Dept. of Environmental Quality  
Office of Land and Water Resources

DESCRIPTION OF FORMATIONS ENCOUNTERED	FORMATIONS (Continued)		FROM	TO
	FROM	TO		
<b>TOP SOIL</b>	<b>0</b>	<b>10</b>		
<b>RED SAND + GRAVEL</b>	<b>10</b>	<b>60</b>		
<b>GREY CLAY</b>	<b>60</b>	<b>180</b>		
<b>WHITE SAND</b>	<b>180</b>	<b>215</b>		

IF MORE SPACE IS NEEDED, USE BACK