

**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>		PERMIT NUMBER
WELL NUMBER <b>169</b>	CODED	NAME OF DRILLING FIRM <b>Smith Well Drilling Serv.</b>
DATE WELL COMPLETED <b>8-18-00</b>		

NAME & MAILING ADDRESS OF LANDOWNER  
**Tommy Cox**  
**Baldwin Rd**

WELL LOCATION SEC TOWNSHIP RANGE  
**H-23 T-2 R-9**

DISTANCE DIRECTION NEAREST TOWN  
**8** Miles **N** of **VIDORA**

OTHER LANDMARK

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

**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 **5**

Pump Capacity (GPM)	No of Stages	Setting Depth
<b>80</b>	<b>16</b>	<b>140</b> FT.

PUMP TEST

Well yielded **120** GPM with  
a drawdown of **12** ft.  
after **2** hours of pumping

**WELL DATA**

Well Depth <b>250</b>	Casing Diameter (In.) <b>4"</b>	Casing Length (Ft.) <b>210</b>
Type of Casing <b>PVC</b>	Hole Depth <b>250</b>	Depth to Static Water Level <b>68'</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

**GEOLOGIC DATA (Office Use Only)**

Surface Log	Geologic Unit	Log Thickness	Depth to Top
Sub. SWL	Date <b>10/05/2007</b>	Analysis	Aquifer Test

Driller's Remarks

Dept. of Environmental Quality  
Office of Land & Water Resources

Top of Lap Pipe or Reduction in Casing

FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

**SCREEN DATA**

Diameter - inches <b>4"</b>	Length - Feet <b>40'</b>	Slot Size - inches <b>14 TROUS</b>
Screen Type <b>PVC</b>	Depth to Bottom - Feet <b>250</b>	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
TOP SOIL	0	20	FINE WHITE SAND + CLAY	200	250
BROWN + RED CLAY	20	40			
RED SAND + GRAVEL	40	70			
GREY CLAY	70	200			

IF MORE SPACE IS NEEDED, USE BACK