

**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 <u>DE SOTO</u>		PERMIT NUMBER
WELL NUMBER <u>233</u>	CODED	NAME OF DRILLING FIRM <u>SMITH WELL</u>
DATE WELL COMPLETED <u>4-11-01</u>		<u>DRILLING SERVICE</u>

NAME & MAILING ADDRESS OF LANDOWNER  
HAWKS INVESTMENTS  
HWY 304 WEST  
HEMNARD, MS

WELL LOCATION SEC TOWNSHIP RANGE  
N40 T3 S R80 W

DISTANCE DIRECTION NEAREST TOWN  
5 Miles W of HEMNARD

OTHER LANDMARK

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

**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

Pump Capacity (GPM) <u>12</u>	No. of Stages <u>8</u>	Setting Depth <u>60</u> FT.
----------------------------------	---------------------------	--------------------------------

PUMP TEST  
Well yielded 18 GPM with  
a drawdown of 3 ft.  
after 1 hours of pumping

**WELL DATA**

Well Depth <u>95</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Ft.) <u>85</u>
Type of Casing <u>PVC</u>	Hole Depth <u>95</u>	Depth to Static Water Level <u>45</u>

TYPE OF COMPLETION: (Circle One or More):  
Gravel Packed, Underreamed, Telescoped,  
Natural Development, Open Hole, Other  
(Describe) WHITE 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 <u>4"</u>	Length - Feet <u>10</u>	Slot Size - Inches <u>14 THOUS</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>95</u>	

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

**GEOLOGIC DATA (Office Use Only)**

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATION	FROM	TO
<u>TOP SOIL</u>	<u>0</u>	<u>20</u>			
<u>WHITE CLAY</u>	<u>20</u>	<u>60</u>			
<u>GRAVEL SAND</u>	<u>60</u>	<u>95</u>			

**RECEIVED**  
JUN 05 2001  
Dept. of Environmental Quality  
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK