

**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>279</b>	CODED	NAME OF DRILLING FIRM <b>SMITH WELLS</b>
DATE WELL COMPLETED <b>10-22-01</b>		<b>Drilling &amp; Sew</b>

NAME & MAILING ADDRESS OF LANDOWNER  
**Randy McMINN**  
**OAK GROVE MANOR**  
**HEMOND, MS. 38632**

WELL LOCATION SEC TOWNSHIP RANGE  
**14 16 T 30 N 128 E**

DISTANCE DIRECTION NEAREST TOWN  
**4 Miles S/W of Hemond**

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 **1/2**

Pump Capacity (GPM) No. of Stages Setting Depth  
**20 15 100** FT.

PUMP TEST  
Well yielded **35** GPM with  
a drawdown of **7** ft.  
after **1** hours of pumping

**WELL DATA**

Well Depth <b>130</b>	Casing Diameter (In.) <b>4"</b>	Casing Length (Ft.) <b>110</b>
Type of Casing <b>PVC</b>	Hole Depth <b>130</b>	Depth to Static Water Level <b>78'</b>

**LOG DATA**

TYPE OF LOG RUN (Circle One):  
 No Log Run,  
Electric, Gamma Ray, Density, Sonic, 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) **Washed Sand**

**GEOLOGIC DATA (Office Use Only)**

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

WELL GROUTED TO A DEPTH OF **0** FEET  
Type Grout (circle one):  Cement,  Bentonite, or Mix

**SCREEN DATA**

Diameter - Inches <b>4"</b>	Length - Feet <b>20'</b>	Slot Size - Inches <b>1471003</b>
Screen Type <b>PVC</b>	Depth to Bottom - Feet <b>130</b>	

Driller's Remarks

**REC'D DEC 31 2001**

Top of Lap Pipe or Reduction in Casing

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

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<b>TOP SOIL</b>	<b>0</b>	<b>20</b>			
<b>GRAVEL</b>	<b>20</b>	<b>50</b>			
<b>WHITE CLAY</b>	<b>50</b>	<b>80</b>			
<b>WHITE SAND + CLAY</b>	<b>80</b>	<b>110</b>			
<b>WHITE SAND</b>	<b>110</b>	<b>130</b>			

IF MORE SPACE IS NEEDED, USE BACK