

**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>87</b>	CODED	PERMIT NUMBER
<b>L 2630</b>	NAME OF DRILLING FIRM <b>SMITH WELL DRILLING &amp; SERV.</b>		
DATE WELL COMPLETED <b>9-10-99</b>			

NAME & MAILING ADDRESS OF LANDOWNER  
**ROBERT MCNEASE**  
**POB 115**

WELL LOCATION SEC TOWNSHIP RANGE  
**T-72 T-4(S) R-70(E)**

DISTANCE DIRECTION NEAREST TOWN  
Miles of

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**

Pump Capacity (GPM) No. of Stages Setting Depth  
**12 14 104** FT.

PUMP TEST  
Well yielded **12** GPM with  
a drawdown of **2** ft.  
after **1** hours of pumping

**WELL DATA**

Well Depth <b>180</b>	Casing Diameter (In.) <b>4"</b>	Casing Length (Ft.) <b>170</b>
Type of Casing <b>PVC</b>	Hole Depth <b>180</b>	Depth to Static Water Level <b>95'</b>

TYPE OF COMPLETION: (Circle One or More):  
Gravel Packed, Underreamed, Telescoped,  
Natural Development, Open Hole, Other  
(Describe) **WATER 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>180'</b>	

**GEOLOGIC DATA (Office Use Only)**

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

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<b>TOP SOIL</b>	<b>0</b>	<b>20</b>
<b>SAND GRAVEL</b>	<b>20</b>	<b>40</b>
<b>GREY CLAY</b>	<b>40</b>	<b>150</b>
<b>WHITE SAND</b>	<b>150</b>	<b>180</b>

FORMATIONS (Continued)	FROM	TO

**RECEIVED**

JAN 07 1999

Dept. of Environmental Quality  
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK