

**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>DESOUD</u>		PERMIT NUMBER
WELL NUMBER <u>272</u>	CODED	NAME OF DRILLING FIRM <u>Smith Well</u>
DATE WELL COMPLETED <u>7-21-01</u>		<u>Drilling + Serv.</u>

NAME & MAILING ADDRESS OF LANDOWNER  
LARRY BUTEN  
LOT 4 SUNSET FARMS  
HERNANDO MS 38632

WELL LOCATION SEC TOWNSHIP RANGE  
N-9 T30 N R8 W

DISTANCE DIRECTION NEAREST TOWN  
4 Miles W of HERNANDO

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.
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PUMP TEST  
Well yielded 15 GPM with  
a drawdown of 6 ft.  
after 1 hours of pumping

**WELL DATA**

Well Depth <u>80</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Ft.) <u>70</u>
Type of Casing <u>PVC</u>	Hole Depth <u>80</u>	Depth to Static Water Level <u>40</u>

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 <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>80'</u>	

**GEOLOGIC DATA (Office Use Only)**

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

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
<u>TOP SOIL</u>	<u>0</u>	<u>20</u>		
<u>WHITE CLAY</u>	<u>20</u>	<u>40</u>		
<u>GRAVEL + SAND</u>	<u>40</u>	<u>80</u>		
<u>WHITE CLAY</u>	<u>80</u>			

IF MORE SPACE IS NEEDED, USE BACK