

**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  
DE SOTO

WELL NUMBER  
181

CODED  
L-65

DATE WELL COMPLETED  
7-16-00

PERMIT NUMBER

NAME OF DRILLING FIRM  
SMITH WELL DRILLING SERV.

NAME & MAILING ADDRESS OF LANDOWNER  
BONNIE ANDREWS  
GREEN T. SUB  
HERNANDO, MS.

WELL LOCATION  
SEC 0-5 TOWNSHIP T-3 RANGE R-7

DISTANCE 0.3 Miles DIRECTION N of NEAREST TOWN HERNANDO

OTHER LANDMARK

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

**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 3

Pump Capacity (GPM) 50 No of Stages 14 Setting Depth 120 FT.

PUMP TEST  
Well yielded 40 GPM with a drawdown of 4 ft. after 1 hours of pumping

**WELL DATA**

Well Depth <u>230</u>	Casing Diameter (In.) <u>4"</u>	Casing Length (Ft.) <u>210</u>
Type of Casing <u>PVC</u>	Hole Depth <u>230</u>	Depth to Static Water Level <u>104</u>

TYPE OF COMPLETION: (Circle One or More):  
 Gravel Packed  Underreamed  Telescoped  Natural Development  Open Hole  Other  
(Describe) WASTED 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>20'</u>	Slot Size - Inches <u>14 TUBES</u>
Screen Type <u>PVC</u>	Depth to Bottom - Feet <u>230</u>	

**GEOLOGIC DATA (Office Use Only)**

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Other Test
<b>RECEIVED</b>			
JAN 05 2001			
Top of Lap Pipe or Reduction in Casing			

FEE \$100.00 (SEE INSTRUCTIONS ON BACK PAGE)  
Office of Land & Water Resources

DESCRIPTION OF FORMATIONS ENCOUNTERED	FORMATIONS (Continued)	
	FROM	TO
<u>TOP SOIL</u>	<u>0</u>	<u>20</u>
<u>RED SAND &amp; GRAVEL</u>	<u>20</u>	<u>60</u>
<u>GREY CLAY</u>	<u>60</u>	<u>190</u>
<u>WHITE SAND</u>	<u>190</u>	<u>230</u>

IF MORE SPACE IS NEEDED, USE BACK