

**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>104</u>	CODED	NAME OF DRILLING FIRM <u>SMITH WELL DRILLING SERV.</u>
DATE WELL COMPLETED <u>5-1-00</u>		

NAME & MAILING ADDRESS OF LANDOWNER  
DENISE HAYDEN  
HONEY RIDGE

WELL LOCATION SEC P-35 TOWNSHIP T-3 RANGE R-6 (W)

DISTANCE 4 Miles DIRECTION S of NEAREST TOWN COCKERM

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 7

Pump Capacity (GPM) <u>12</u>	No. of Stages <u>13</u>	Setting Depth <u>140</u> FT.
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PUMP TEST

Well yielded 18 GPM with  
a drawdown of 2 ft.  
after 1 hours of pumping

**WELL DATA**

Well Depth <u>169</u>	Casing Diameter (in) <u>4"</u>	Casing Length (Ft) <u>159</u>
Type of Casing <u>PVC</u>	Hole Depth <u>169</u>	Depth to Static Water Level <u>120</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

**GEOLOGIC DATA (Office Use Only)**

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

**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>169</u>	

Driller's Remarks

**RECEIVED**

Top of Lap Pipe or Reduction in Casing

FEET 17700

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>10</u>			
<u>BROWN CLM</u>	<u>10</u>	<u>30</u>			
<u>RED SAND + GRAVEL</u>	<u>30</u>	<u>60</u>			
<u>WHITE CLM</u>	<u>60</u>	<u>120</u>			
<u>WHITE SAND</u>	<u>120</u>	<u>169</u>			

IF MORE SPACE IS NEEDED, USE BACK

Dept. of Environmental Quality  
Office of Land & Water Resources