

**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>130</b>	CODED	NAME OF DRILLING FIRM <b>SMITH WELL</b>
DATE WELL COMPLETED <b>6-14-00</b>		<b>Drill + Sew.</b>

NAME & MAILING ADDRESS OF LANDOWNER  
**WILLIAM LAWRENCE**  
**NORTH COCKUM**  
**FARMS**

WELL LOCATION SEC **R-23** TOWNSHIP **T-3** RANGE **R-6** **N** **S** **E** **W**

DISTANCE **1** Miles **N** of **Cockum**

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) <b>17</b>	No of Stages <b>11</b>	Setting Depth <b>40</b> FT.
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PUMP TEST  
Well yielded **15** GPM with  
a drawdown of **2** ft.  
after **1** hours of pumping

**WELL DATA**

Well Depth <b>185</b>	Casing Diameter (in) <b>4"</b>	Casing Length (ft.) <b>175</b>
Type of Casing <b>PVC</b>	Hole Depth <b>185</b>	Depth to Static Water Level <b>30'</b>

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 <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>185</b>	

**GEOLOGIC DATA (Office Use Only)**

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

Driller's Remarks

**RECEIVED**

Top of Pipe or Reduction in Casing  
**144** 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>10</b>	<b>Redwood Environmental Quality</b>	<b>160</b>	<b>185</b>
<b>RED SAND + GRAVEL</b>	<b>10</b>	<b>70</b>	<b>Office of Land &amp; Water Resources</b>		
<b>WHITE CLAY</b>	<b>70</b>	<b>100</b>			
<b>WHITE CLAY + SAND</b>	<b>100</b>	<b>180</b>			

IF MORE SPACE IS NEEDED, USE BACK