

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**  
Bureau of Land and Water Resources

P. O. Box 10631  
Jackson, MS 39289-0631  
**WATER WELL DRILLERS LOG**

COUNTY WELL LOCATED  
**WARREN**

WELL NUMBER **241** CODED

DATE WELL COMPLETED  
**MARCH 7, 1994**

PERMIT NUMBER

NAME OF DRILLING FIRM  
**E.M. "Bud" CRESSWELL**

**BENTONIA, MS.**

NAME & MAILING ADDRESS OF LANDOWNER  
**M. A. PALMER**  
**BOVINA, MS.**

WELL LOCATION: SEC **21** TOWNSHIP **16** RANGE **5** E

DISTANCE **1** Miles DIRECTION **EAST** of NEAREST TOWN **BOVINA**

OTHER LANDMARK

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

**PUMP DATA**

PUMP TYPE (Circle One):  
 Submersible Turbine, Jet, Flowing Well,  
Other (Describe)

POWER TYPE (Circle One):  
 Electric, Tractor, Diesel, Gasoline, Butane,  
Other (Describe) **1** H/P

Pump Capacity (GPM) **12** No. of Stages **14** Setting Depth **189** FT.

PUMP TEST

Well yielded **15** GPM with  
a drawdown of **20** ft.  
after **2** hours of pumping

**WELL DATA**

Well Depth <b>212</b>	Casing Diameter (In.) <b>4</b>	Casing Length (Ft.) <b>202</b>
Type of Casing <b>PVC</b>	Hole Depth <b>360</b>	Depth to Static Water Level <b>80</b>

TYPE OF COMPLETION: (Circle One or More):  
 Gravel Packed,  Underreamed,  Telescoped,  
 Natural Development,  Open Hole,  Other

Top of Lap Pipe or Reduction in Casing

FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

**LOG DATA**

TYPE OF LOG RUN (Circle One):  
 Electric, Gamma Ray, Density, Sonic, Neutron,  
Other (Describe) **L-020**

Name of Organization Running Log  
**State**

**SCREEN DATA**

Diameter - Inches <b>4</b>	Length - Feet <b>10</b>	Slot Size - Inches <b>.010</b>
Screen Type <b>PVC</b>	Depth to Bottom - Feet <b>212</b>	

**GEOLOGIC DATA (Office Use Only)**

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

Driller's Remarks

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
<b>Surface Deposits</b>	<b>0</b>	<b>60</b>			
<b>Shale</b>	<b>60</b>	<b>120</b>			
<b>Hole Struck Sand</b>	<b>120</b>	<b>135</b>			
<b>Shale</b>	<b>135</b>	<b>150</b>			
<b>Vicksburg Lime Rock</b>	<b>150</b>	<b>200</b>			
<b>Hot Springs</b>	<b>200</b>	<b>212</b>			
<b>Shale</b>	<b>212</b>	<b>360</b>			

**DISCOVERED**

**MAR 29 1994**

Dept. of Environmental Quality  
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please  
sketch and show depths.

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen,  
show location of each on sketch.