

**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  
**MADISON**

WELL NUMBER **11** CODED

PERMIT NUMBER \_\_\_\_\_

NAME OF DRILLING FIRM  
**EMBLID CRESSWELL**

**BENTONIA, MS**

DATE WELL COMPLETED  
**APRIL 9, 1999**

NAME & MAILING ADDRESS OF LANDOWNER  
**ROGER COLLINS**  
**Ridgeland, MS.**

WELL LOCATION: SEC **26** TOWNSHIP **87** RANGE **1**

DISTANCE **2** Miles DIRECTION **West** NEAREST TOWN **Ridgeland**

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) \_\_\_\_\_ H/P **3**

Pump Capacity (GPM) **30** No. of Stages **26** Setting Depth **399** FT.

PUMP TEST  
Well yielded **50** GPM with  
a drawdown of **25** ft.  
after **8** hours of pumping

**WELL DATA**

Well Depth **1010** Casing Diameter (In.) **5.04 FT. 4"** Casing Length (Ft.) **970**

Type of Casing **Steel** Hole Depth **1030** Depth to Static Water Level **297**

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

WELL GROUTED TO A DEPTH OF **25** FEET  
Type Grout (circle one): Cement,  Bentonite, or Mix

**SCREEN DATA**

Diameter - Inches **2** Length - Feet **40** Slot Size - Inches **.006-.008**

Screen Type **STAINLESS-** Depth to Bottom - Feet **1010**

**LOG DATA**

TYPE OF LOG RUN (Circle One): No Log Run,  
 Electric,  Gamma Ray,  Density,  Sonic,  Neutron,  
Other (Describe) \_\_\_\_\_

Name of Organization Running Log  
**STATE**

**GEOLOGIC DATA (Office Use Only)**

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

Driller's Remarks \_\_\_\_\_

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
<b>SURFACE DEPOSITS</b>	<b>0</b>	<b>35</b>
<b>YAZOO CLAY</b>	<b>35</b>	<b>380</b>
<b>MOWDYS BRANCH</b>	<b>380</b>	<b>410</b>
<b>SANDY SHALE</b>	<b>410</b>	<b>540</b>
<b>FINE SAND</b>	<b>540</b>	<b>550</b>
<b>SANDY SHALE</b>	<b>550</b>	<b>715</b>
<b>SAND</b>	<b>715</b>	<b>725</b>
<b>SHALE-ROCK</b>	<b>725</b>	<b>900</b>
<b>SAND</b>	<b>900</b>	<b>1015</b>
<b>SHALE</b>	<b>1015</b>	<b>1030</b>

FORMATIONS (Continued)	FROM	TO
<b>RECEIVED</b>		
<b>APR 20 1999</b>		
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.