

**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 <i>MADISON</i>	
WELL NUMBER <i>M-2004</i>	CODED
DATE WELL COMPLETED <i>Sept. 7-2001</i>	

PERMIT NUMBER
NAME OF DRILLING FIRM <i>E.M. BIRD CRESSWELL</i>
<i>BENTONIA, MS. 39040</i>

NAME & MAILING ADDRESS OF LANDOWNER <i>ED NICHOLS</i>			
<i>CANTON, MS.</i>			
Latitude:			
Longitude:			
WELL LOCATION	SEC <i>9</i>	TOWNSHIP <i>9</i>	RANGE <i>N 2 E</i>
DISTANCE <i>4</i> Miles	DIRECTION <i>NW</i> of		NEAREST TOWN <i>CANTON</i>
OTHER LANDMARK			
WELL PURPOSE: <input checked="" type="checkbox"/> Home Irrigation, <input type="checkbox"/> Municipal, <input type="checkbox"/> Industrial, <input type="checkbox"/> Fish Pond, etc.			

PUMP DATA		
PUMP TYPE (Circle One):		
Submersible,	Turbine,	Jet
Other (Describe): <i>AIR COMPRESSOR</i>		
POWER TYPE (Circle One):		
Electric,	Tractor,	Diesel,
Gasoline,	Butane,	Other (Describe)
H/P		
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<i>Surface deposit</i>	<i>0</i>	<i>35</i>
<i>Gaspo Clay</i>	<i>35</i>	<i>70</i>
<i>Mendota Bedrock</i>	<i>70</i>	<i>120</i>
<i>shaly silty sand</i>	<i>120</i>	<i>480</i>
<i>Shale</i>	<i>480</i>	<i>920</i>
<i>Sand</i>	<i>920</i>	<i>975</i>
<i>Shale</i>	<i>975</i>	<i>980</i>

WELL DATA		
Well Depth <i>975</i>	Casing Diameter (In.) <i>2</i>	Casing Length (Ft.) <i>945</i>
Type of Casing <i>Steel</i>	Hole Depth <i>980</i>	Depth to Static Water Level <i>120</i>
TYPE OF COMPLETION: (Circle One or More):		
<input checked="" type="checkbox"/> Gravel Packed	<input type="checkbox"/> Underreamed,	<input type="checkbox"/> Telescoped,
<input checked="" type="checkbox"/> Natural Development	<input type="checkbox"/> Open Hole,	<input type="checkbox"/> Other
(Describe)		
WELL GROUTED TO A DEPTH OF <i>25</i> FEET		
Type Grout (circle one): <input type="checkbox"/> Cement, <input checked="" type="checkbox"/> Bentonite or Mix		

SCREEN DATA		
Diameter - Inches <i>2</i>	Length - Feet <i>30</i>	Slot Size - Inches <i>.008</i>
Screen Type <i>Stainless</i>	Depth to Bottom - Feet <i>975</i>	

<b>REC'D SEP 14 2001</b>		
Top of Lap Pipe or Reduction in Casing		
FEET	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE	

I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

*Ernest M. Cresswell* 0-150  
Signature of Licensed Driller and License No.

*Sept. 10, 2001*  
Date

Additional Information Required On Back

If well telescopes please sketch and show depths.

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

Pump Capacity (GPM)	No. of Stages	Setting Depth
Air- COMPRESSOR		FT.
PUMP TEST		
Well yielded <u>40</u> GPM with		
a drawdown of <u>40</u> ft.		
after <u>2</u> hours of pumping		

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

Driller's Remarks

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