

**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  
**RANKIN**

WELL NUMBER **W-74** CODED

DATE WELL COMPLETED  
**April 19, 2003**

PERMIT NUMBER

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

**BENTONIA, MS. 39040**

NAME & MAILING ADDRESS OF LANDOWNER  
**Tom RHODEN**  
**JACKSON, MS.**

Latitude:  
Longitude:

WELL LOCATION: SEC 13 TOWNSHIP 3 RANGE 4 **E**

DISTANCE 2 Miles DIRECTION SW NEAREST TOWN of Johns

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

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
<b>RED SAND</b>	<b>0</b>	<b>55</b>
<b>SANDY SHALE - ROCK</b>	<b>55</b>	<b>140</b>
<b>GREY SHALE</b>	<b>140</b>	<b>220</b>
<b>VB LIME ROCK</b>	<b>220</b>	<b>270</b>
<b>SHALE</b>	<b>270</b>	<b>345</b>
<b>SAND</b>	<b>345</b>	<b>375</b>
<b>YA 200 CLAY</b>	<b>375</b>	<b>400</b>

**WELL DATA**

Well Depth <b>374</b>	Casing Diameter (In.) <b>4</b>	Casing Length (Ft.) <b>354</b>
Type of Casing <b>PVC</b>	Hole Depth <b>400</b>	Depth to Static Water Level <b>82</b>

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 <b>4</b>	Length - Feet <b>20</b>	Slot Size - Inches <b>.013</b>
Screen Type <b>PVC</b>	Depth to Bottom - Feet <b>374</b>	

**RECEIVED**  
**MAY 07 2003**  
**BY: OI WJ**

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.

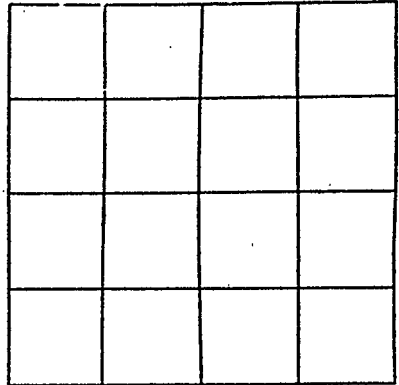
**E. M. Bud Cresswell 0-150**  
Signature of Licensed Driller and License No.

**May 5, 2003**  
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	
12	14	168	FT.

PUMP TEST

Well yielded 25 GPM with  
a drawdown of 20 ft.  
after 2 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

STATE

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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