

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  
SCOTT

WELL NUMBER  
E-48

CODED

PERMIT NUMBER

DATE WELL COMPLETED  
March 26-2002

NAME OF DRILLING FIRM  
EMBED CRESSWELL

BENTONIA, MS. 39040

NAME & MAILING ADDRESS OF LANDOWNER  
HARRY STEWART  
138 Dogwood Circle  
JACKSON, MS. 39208

Latitude:  
Longitude:

WELL LOCATION: SEC 6 TOWNSHIP 97 RANGE 6 S E

DISTANCE 5 Miles DIRECTION NW NEAREST TOWN MORTON

OTHER LANDMARK

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

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 5

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM       | TO         |
|---------------------------------------|------------|------------|
| <u>SURFACE DEPOSITS</u>               | <u>0</u>   | <u>30</u>  |
| <u>VAZOO CLAY</u>                     | <u>30</u>  | <u>312</u> |
| <u>MORDEYS BRANCH</u>                 | <u>312</u> | <u>330</u> |
| <u>SHALE</u>                          | <u>330</u> | <u>510</u> |
| <u>SAND</u>                           | <u>510</u> | <u>550</u> |
| <u>SANDY SHALE</u>                    | <u>550</u> | <u>560</u> |
| <u>SAND</u>                           | <u>560</u> | <u>605</u> |

WELL DATA

|                          |                                   |   |
|--------------------------|-----------------------------------|---|
| Well Depth<br><u>605</u> | Casing Diameter (In.)<br><u>4</u> | Casing Length (Ft.)<br><u>585</u>         |
| Type of Casing           | Hole Depth                        | Depth to Static Water Level<br><u>205</u> |

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

RECEIVED

APR 18 2002

Dept. of Environmental Quality  
Office of Land & Water Resources

Top of Lap Pipe or Reduction in Casing

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

SCREEN DATA

|                               |                                      |                                   |
|-------------------------------|--------------------------------------|-----------------------------------|
| Diameter - Inches<br><u>4</u> | Length - Feet<br><u>40</u>           | Slot Size - Inches<br><u>.013</u> |
| Screen Type<br><u>PVC</u>     | Depth to Bottom - Feet<br><u>605</u> |                                   |

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.

April 15, 2002  
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 |
|---------------------|---------------|---------------|
| 40                  | 15            | 315 FT.       |

PUMP TEST

Well yielded 50 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

#### 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.