

**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<br><b>MADISON</b>        |   |
| WELL NUMBER<br><b>029</b>                    | CODED <input checked="" type="checkbox"/> |
| DATE WELL COMPLETED<br><b>MARCH 27, 1997</b> |   |

|   |
|---|
| PERMIT NUMBER                                   |
| NAME OF DRILLING FIRM<br><b>EM Bud CRESWELL</b> |
| <b>BENTONIA, MS - 39040</b>                     |

|  |           |                |
|--|-----------|----------------|
| NAME & MAILING ADDRESS OF LANDOWNER<br><b>DRED PORTER FARM</b>                       |           |                |
| <b>MADISON, MS -</b>   |           |                |
| WELL LOCATION: SEC   | TOWNSHIP  | RANGE          |
| <b>29</b>  | <b>8</b>  | <b>N 3 E</b>   |
| DISTANCE   | DIRECTION | NEAREST TOWN   |
| <b>5</b> Miles   | <b>NE</b> | <b>MADISON</b> |
| OTHER LANDMARK<br><b>TWELVE OAKS TRACE</b>   |           |                |
| WELL PURPOSE: Home Irrigation, Municipal, Industrial, Fish Pond, etc.<br><b>FARM</b> |           |                |

|   |                            |                                 |
|---|----------------------------|---------------------------------|
| <b>PUMP DATA</b>  |                            |                                 |
| PUMP TYPE (Circle One):<br><u>Submersible</u> Turbine, Jet, Flowing Well,<br>Other (Describe) _____                   |                            |                                 |
| POWER TYPE (Circle One):<br><u>Electric</u> Tractor, Diesel, Gasoline, Butane,<br>Other (Describe) _____ H/P <b>2</b> |                            |                                 |
| Pump Capacity (GPM)<br><b>25</b>  | No. of Stages<br><b>16</b> | Setting Depth<br><b>315</b> FT. |
| PUMP TEST   |                            |                                 |
| Well yielded <b>45</b> GPM with<br>a drawdown of <b>40</b> ft.<br>after <b>8</b> hours of pumping                     |                            |                                 |

|   |  |   |
|---|--|---|
| <b>WELL DATA</b>  |  |   |
| Well Depth<br><b>1180</b>   | Casing Diameter (In.)<br><b>4 x 2</b><br><b>420 FT. 4"</b> | Casing Length (Ft.)<br><b>1150</b>        |
| Type of Casing<br><b>Steel</b>  | Hole Depth<br><b>1205</b>                                  | Depth to Static Water Level<br><b>260</b> |
| TYPE OF COMPLETION: (Circle One or More):<br>Gravel Packed, Underreamed, Telescoped,<br><u>Natural Development</u> , Open Hole, Other<br>(Describe) _____ |  |   |
| WELL GROUDED TO A DEPTH OF <b>25</b> FEET<br>Type Grout (circle one): Cement, <u>Bentonite</u> , or Mix   |  |   |

|  |  |
|--|--|
| <b>LOG DATA</b>  |  |
| TYPE OF LOG RUN (Circle One):<br>No Log Run, Electric, <u>Gamma Ray</u> , Density, Sonic, Neutron,<br>Other (Describe) _____ |  |
| Name of Organization Running Log<br><b>STATE</b>   |  |

|                                 |                                       |                                   |
|---------------------------------|---------------------------------------|-----------------------------------|
| <b>SCREEN DATA</b>              |                                       |                                   |
| Diameter - Inches<br><b>2</b>   | Length - Feet<br><b>30</b>            | Slot Size - Inches<br><b>.010</b> |
| Screen Type<br><b>STAINLESS</b> | Depth to Bottom - Feet<br><b>1180</b> |                                   |

|  |               |  |              |
|--|---------------|--|--------------|
| <b>GEOLOGIC DATA (Office Use Only)</b> |               |  |              |
| 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>Yellow clay</b>                    | <b>0</b>    | <b>35</b>   |
| <b>VAZCO CLAY</b>                     | <b>35</b>   | <b>240</b>  |
| <b>MOUNDUS BRANCH</b>                 | <b>240</b>  | <b>265</b>  |
| <b>SHALE</b>                          | <b>265</b>  | <b>540</b>  |
| <b>SAND</b>                           | <b>540</b>  | <b>585</b>  |
| <b>SHALE</b>                          | <b>585</b>  | <b>760</b>  |
| <b>SAND</b>                           | <b>760</b>  | <b>835</b>  |
| <b>SHALE</b>                          | <b>835</b>  | <b>1000</b> |
| <b>SAND</b>                           | <b>1000</b> | <b>1180</b> |
| <b>SHALE</b>                          | <b>1180</b> | <b>1205</b> |

| FORMATIONS (Continued)   | FROM | TO |
|--|------|----|
| <b>RECEIVED</b>  |      |    |
| <b>APR 09 1997</b>   |      |    |
| Dept. of Environmental Quality<br>Office of Land & Water Resources |      |    |
| IF MORE SPACE IS NEEDED, USE BACK                                  |      |    |

