

**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>Jackson</b> |       |
| WELL NUMBER<br><b>R-2757</b>          | CODED |
| DATE WELL COMPLETED<br><b>6-18-01</b> |       |

|  |
|--|
| PERMIT NUMBER  |
| NAME OF DRILLING FIRM<br><b>Castwater Well Service</b> |

|   |                        |                                   |                                  |
|---|------------------------|-----------------------------------|----------------------------------|
| NAME & MAILING ADDRESS OF LANDOWNER<br><b>Charles Sumral</b><br><b>Johns Bayou Rd.</b><br><b>Vanderlove, Ms.</b>  |                        |                                   |                                  |
| WELL LOCATION   | SEC<br><b>25</b>       | TOWNSHIP<br><b>6<sup>th</sup></b> | RANGE<br><b>7<sup>th</sup> W</b> |
| DISTANCE<br><b>4</b> Miles  | DIRECTION<br><b>SE</b> | NEAREST TOWN<br><b>Vanderlove</b> |                                  |
| OTHER LANDMARK  |                        |                                   |                                  |
| WELL PURPOSE <input checked="" type="checkbox"/> Home Irrigation, <input type="checkbox"/> Municipal, <input type="checkbox"/> Industrial, <input type="checkbox"/> Fish Pond, etc. |                        |                                   |                                  |

|  |                           |                                   |
|--|---------------------------|-----------------------------------|
| <b>PUMP DATA</b>   |                           |                                   |
| PUMP TYPE (Circle One):<br>Submersible, Turbine, <input checked="" type="radio"/> Jet, Flowing Well,<br>Other (Describe) _____                   |                           |                                   |
| POWER TYPE (Circle One):<br><input checked="" type="radio"/> Electric, Tractor, Diesel, Gasoline, Butane,<br>Other (Describe) _____ H/P <b>1</b> |                           |                                   |
| Pump Capacity (GPM)<br><b>8.5</b>  | No. of Stages<br><b>2</b> | Setting Depth<br><b>_____</b> FT. |
| PUMP TEST  |                           |                                   |
| Well yielded _____ GPM with<br>a drawdown of _____ ft.<br>after _____ hours of pumping   |                           |                                   |

|   |                                    |   |
|---|------------------------------------|---|
| <b>WELL DATA</b>  |                                    |   |
| Well Depth<br><b>130'</b>   | Casing Diameter (In.)<br><b>2"</b> | Casing Length (Ft.)<br><b>130'</b>        |
| Type of Casing<br><b>PVC</b>  | Hole Depth<br><b>130'</b>          | Depth to Static Water Level<br><b>22'</b> |
| TYPE OF COMPLETION: (Circle One or More):<br><input checked="" type="checkbox"/> Gravel Packed, <input type="checkbox"/> Underreamed, <input type="checkbox"/> Telescoped,<br><input checked="" type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other<br>(Describe) _____ |                                    |   |
| WELL GROUTED TO A DEPTH OF <b>10</b> FEET<br>Type Grout (circle one): Cement, <input checked="" type="checkbox"/> Bentonite, or Mix   |                                    |   |

|  |  |
|--|--|
| <b>LOG DATA</b>  |  |
| TYPE OF LOG RUN (Circle One):<br>Electric, Gamma Ray, Density, Sonic, Neutron,<br>Other (Describe) _____ |  |
| Name of Organization Running Log   |  |

|                                |                                       |                                   |
|--------------------------------|---------------------------------------|-----------------------------------|
| <b>SCREEN DATA</b>             |                                       |                                   |
| Diameter - Inches<br><b>2"</b> | Length - Feet<br><b>10'</b>           | Slot Size - Inches<br><b>.008</b> |
| Screen Type<br><b>PVC</b>      | Depth to Bottom - Feet<br><b>130'</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>TOP Soil</b>                       | <b>0</b>  | <b>2</b>   |
| <b>White, Orange + Pink Clay</b>      | <b>2</b>  | <b>30</b>  |
| <b>White coarse sand</b>              | <b>30</b> | <b>62</b>  |
| <b>Blue Clay</b>                      | <b>62</b> | <b>74</b>  |
| <b>Gray medium to coarse sand</b>     | <b>74</b> | <b>130</b> |
|                                       |           |            |
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