

**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><i>Rankin</i>  |       |
| WELL NUMBER<br><i>A 2002</i>          | CODED |
| DATE WELL COMPLETED<br><i>4-15-99</i> |       |

|   |
|---|
| PERMIT NUMBER                                       |
| NAME OF DRILLING FIRM<br><i>McDonald &amp; Hill</i> |
| <i>Meridian MS</i>                                  |

|   |           |                |
|---|-----------|----------------|
| NAME & MAILING ADDRESS OF LANDOWNER<br><i>DAN EAVES</i>                               |           |                |
| <i>1455 - Mt Harmony Rd</i>   |           |                |
| <i>Preston, MS</i>  |           |                |
| WELL LOCATION   | SEC       | TOWNSHIP       |
|   | <i>1</i>  | <i>12</i>      |
|   |           | <i>N 14 E</i>  |
| DISTANCE  | DIRECTION | NEAREST TOWN   |
| <i>2</i> Miles  | <i>N</i>  | <i>Preston</i> |
| OTHER LANDMARK  |           |                |
| WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.<br><i>Home</i> |           |                |

|   |                            |                                 |
|---|----------------------------|---------------------------------|
| PUMP DATA   |                            |                                 |
| PUMP TYPE (Circle One):<br><input checked="" type="radio"/> Submersible    Turbine    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 _____ |                            |                                 |
| Pump Capacity (GPM)<br><i>87</i>  | No. of Stages<br><i>10</i> | Setting Depth<br><i>120</i> FT. |
| PUMP TEST   |                            |                                 |
| Well yielded <i>15</i> GPM with<br>a drawdown of <i>15</i> ft.<br>after <i>2</i> hours of pumping   |                            |                                 |

|   |                                   |  |
|---|-----------------------------------|--|
| WELL DATA   |                                   |  |
| Well Depth<br><i>180</i>  | Casing Diameter (In.)<br><i>4</i> | Casing Length (Ft.)<br><i>160</i>        |
| Type of Casing<br><i>PVC</i>  | Hole Depth<br><i>180</i>          | Depth to Static Water Level<br><i>78</i> |
| TYPE OF COMPLETION: (Circle One or More):<br><input checked="" type="radio"/> Gravel Packed <input type="radio"/> Underreamed <input type="radio"/> Telescoped,<br><input checked="" type="radio"/> Natural Development <input type="radio"/> Open Hole <input type="radio"/> Other<br>(Describe) _____ |                                   |  |
| WELL GROUTED TO A DEPTH OF _____ FEET<br>Type Grout (circle one): Cement, Bentonite, or Mix   |                                   |  |

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

|                                |                                      |                                 |
|--------------------------------|--------------------------------------|---------------------------------|
| SCREEN DATA                    |                                      |                                 |
| Diameter - Inches<br><i>4</i>  | Length - Feet<br><i>20</i>           | Slot Size - Inches<br><i>10</i> |
| Screen Type<br><i>PVC Sawn</i> | Depth to Bottom - Feet<br><i>180</i> |                                 |

|  |               |                |              |
|--|---------------|----------------|--------------|
| GEOLOGIC DATA (Office Use Only)                              |               |                |              |
| 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         | FORMATIONS (Continued) | FROM | TO |
|---------------------------------------|------------|------------|------------------------|------|----|
| <i>CLAY</i>                           | <i>0</i>   | <i>22</i>  |                        |      |    |
| <i>BROWN SHALE</i>                    | <i>22</i>  | <i>70</i>  |                        |      |    |
| <i>SHALE</i>                          | <i>70</i>  | <i>145</i> |                        |      |    |
| <i>ROCK</i>                           | <i>145</i> | <i>146</i> |                        |      |    |
| <i>SAND</i>                           | <i>146</i> | <i>180</i> |                        |      |    |
|                                       |            |            |                        |      |    |
|                                       |            |            |                        |      |    |
|                                       |            |            |                        |      |    |
|                                       |            |            |                        |      |    |
|                                       |            |            |                        |      |    |
|                                       |            |            |                        |      |    |

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Dept. of Environmental Quality  
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK