

**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>Newton</i>  |       |
| WELL NUMBER<br><i>F 2278</i>          | CODED |
| DATE WELL COMPLETED<br><i>8/23/96</i> |       |

|   |
|---|
| PERMIT NUMBER   |
| NAME OF DRILLING FIRM<br><i>McDonald &amp; Hill Inc</i> |
| <i>Meridian, MS 39301</i>                               |

|   |           |                |
|---|-----------|----------------|
| NAME & MAILING ADDRESS OF LANDOWNER<br><i>Dave Ethridge</i>                                     |           |                |
| <i>8289 - Decatur - Conchata Rd</i>   |           |                |
| <i>Decatur, Miss - 39327</i>  |           |                |
| WELL LOCATION:  | SEC       | TOWNSHIP RANGE |
|   | <i>23</i> | <i>1 11 W</i>  |
| DISTANCE  | DIRECTION | NEAREST TOWN   |
| <i>1</i> Miles  | <i>W</i>  | <i>Decatur</i> |
| OTHER LANDMARK  |           |                |
| WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.<br><i>Chicken Houses</i> |           |                |

|  |                            |                             |     |
|--|----------------------------|-----------------------------|-----|
| <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 _____ |                            |                             |     |
| Pump Capacity (GPM)<br><i>8</i>  | No. of Stages<br><i>16</i> | Setting Depth<br><i>170</i> | FT. |
| PUMP TEST  |                            |                             |     |
| Well yielded <i>10</i> GPM with<br>a drawdown of <i>50</i> ft.<br>after <i>3</i> hours of pumping                    |                            |                             |     |

|   |                                    |                                   |
|---|------------------------------------|-----------------------------------|
| <b>WELL DATA</b>  |                                    |                                   |
| Well Depth<br><i>180'</i>   | Casing Diameter (In.)<br><i>4"</i> | Casing Length (Ft.)<br><i>140</i> |
| Type of Casing<br><i>PVC</i>  | Hole Depth<br><i>92'</i>           | Depth to Static Water Level       |
| TYPE OF COMPLETION: (Circle One or More):<br>Gravel Packed, Underreamed, Telescoped,<br>Natural Development, Open Hole, Other<br>(Describe) _____ |                                    |                                   |

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

|   |
|---|
| WELL GROUTED TO A DEPTH OF _____ FEET<br>Type Grout (circle one): Cement, Bentonite, or Mix |
|---|

|  |               |                |              |
|--|---------------|----------------|--------------|
| <b>GEOLOGIC DATA (Office Use Only)</b> |               |                |              |
| Surface Elev.                          | Geologic Unit | Unit Thickness | Depth to Top |
| Subs. SWL                              | Date          | Analysis       | Aquifer Test |

|                           |                                       |                                 |
|---------------------------|---------------------------------------|---------------------------------|
| <b>SCREEN DATA</b>        |                                       |                                 |
| Diameter - Inches         | Length - Feet<br><i>40'</i>           | Slot Size - Inches<br><i>16</i> |
| Screen Type<br><i>PVC</i> | Depth to Bottom - Feet<br><i>180'</i> |                                 |

|  |
|--|
| Driller's Remarks<br><i>1-2" back pressure valve</i><br><i>1-4x2 PVC bushing</i><br>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         |
|---------------------------------------|------------|------------|
| <i>Clay</i>                           | <i>0</i>   | <i>20</i>  |
| <i>st sand</i>                        | <i>20</i>  | <i>73</i>  |
| <i>Sandy</i>                          | <i>73</i>  | <i>94</i>  |
| <i>Sand</i>                           | <i>94</i>  | <i>136</i> |
| <i>Sandy st rock</i>                  | <i>136</i> | <i>156</i> |
| <i>st green sand</i>                  | <i>156</i> | <i>180</i> |

**Dept. of Environmental Quality**  
**Office of Land & Water Resources**

IF MORE SPACE IS NEEDED, USE BACK

