

**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>DE SOTO</b> |                      |
| WELL NUMBER<br><b>5</b>               | CODED<br><b>2037</b> |
| DATE WELL COMPLETED<br><b>7-1-99</b>  |                      |

|  |
|--|
| PERMIT NUMBER                                  |
| NAME OF DRILLING FIRM<br><b>HICKS WELL CO.</b> |

|   |           |                  |            |
|---|-----------|------------------|------------|
| NAME & MAILING ADDRESS OF LANDOWNER<br><b>Bill Long</b>                       |           |                  |            |
| <b>935 Long Street</b>  |           |                  |            |
| <b>Nesbit, MS 38651</b>   |           |                  |            |
| WELL LOCATION   | SEC       | TOWNSHIP         | RANGE      |
|   | <b>18</b> | <b>2 N</b>       | <b>7 E</b> |
| DISTANCE  | DIRECTION | NEAREST TOWN     |            |
| — Miles   | <b>SE</b> | <b>Southaven</b> |            |
| OTHER LANDMARK  |           |                  |            |
| WELL PURPOSE Home, <u>irrigation</u> , Municipal, Industrial, Fish Pond, etc. |           |                  |            |

|   |               |                                 |
|---|---------------|---------------------------------|
| PUMP DATA   |               |                                 |
| PUMP TYPE (Circle One):<br><u>Submersible</u> , Turbine, Jet, Flowing Well,<br>Other (Describe)                     |               |                                 |
| POWER TYPE (Circle One):<br>Electric, <u>Tractor</u> , Diesel, Gasoline, Butane,<br>Other (Describe) H/P <u>1/2</u> |               |                                 |
| Pump Capacity (GPM)<br><b>20</b>  | No. of Stages | Setting Depth<br><b>217</b> FT. |
| PUMP TEST   |               |                                 |
| Well yielded _____ GPM with<br>a drawdown of <u>no test</u> ft.<br>after _____ hours of pumping                     |               |                                 |

|   |                                   |   |
|---|-----------------------------------|---|
| WELL DATA   |                                   |   |
| Well Depth<br><b>265</b>  | Casing Diameter (In.)<br><b>4</b> | Casing Length (Ft.)<br><b>245</b>         |
| Type of Casing<br><b>PVC</b>  | Hole Depth<br><b>265</b>          | Depth to Static Water Level<br><b>160</b> |
| TYPE OF COMPLETION: (Circle One or More):<br><u>Gravel Packed</u> , Underreamed, Telescoped,<br>Natural Development, Open Hole, Other<br>(Describe) |                                   |   |
| WELL GROUTED TO A DEPTH OF <b>3</b> FEET<br>Type Grout (circle one): Cement, <u>Bentonite</u> , or Mix  |                                   |   |

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

|                                |                                      |                                   |
|--------------------------------|--------------------------------------|-----------------------------------|
| SCREEN DATA                    |                                      |                                   |
| Diameter - Inches<br><b>4</b>  | Length - Feet<br><b>20</b>           | Slot Size - Inches<br><b>.014</b> |
| Screen Type<br><b>PVC Slot</b> | Depth to Bottom - Feet<br><b>245</b> |                                   |

|   |               |                |              |
|---|---------------|----------------|--------------|
| 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         |
|---------------------------------------|------------|------------|
| <b>Red + White Clay</b>               | <b>0</b>   | <b>15</b>  |
| <b>Red Sand + Clay</b>                | <b>15</b>  | <b>35</b>  |
| <b>White Clay + Sand</b>              | <b>35</b>  | <b>55</b>  |
| <b>GRAY Clay</b>                      | <b>55</b>  | <b>210</b> |
| <b>White Sand</b>                     | <b>210</b> | <b>265</b> |

| FORMATIONS (Continued)   | FROM | TO |
|--|------|----|
| <b>RECEIVED</b>  |      |    |
| <b>JUL 26 1999</b>   |      |    |
| <b>Dept. of Environmental Quality<br/>Office of Land &amp; Water Resources</b> |      |    |
| IF MORE SPACE IS NEEDED, USE BACK  |      |    |