

**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>Jackson</i> |       |
| WELL NUMBER<br><i>2488</i>            | CODED |
| DATE WELL COMPLETED<br><i>3-27-97</i> |       |

|  |
|--|
| PERMIT NUMBER                                |
| NAME OF DRILLING FIRM<br><i>Purcell Well</i> |

|   |                      |                      |  |
|---|----------------------|----------------------|--|
| NAME & MAILING ADDRESS OF LANDOWNER<br><i>Willa Naremore</i>                  |                      |                      |  |
| WELL LOCATION<br><i>Olean Springs, MS</i>                                     |                      |                      |  |
| SEC   | TOWNSHIP             | RANGE                |  |
| <i>1</i>  | <i>7<sup>N</sup></i> | <i>7<sup>E</sup></i> |  |
| DISTANCE  | DIRECTION            | NEAREST TOWN         |  |
| <i>3</i> Miles  | <i>S</i>             | <i>Hwy 90</i>        |  |
| OTHER LANDMARK  |                      |                      |  |
| WELL PURPOSE: <i>Home Irrigation</i> , Municipal, Industrial, Fish Pond, etc. |                      |                      |  |

|   |                           |                                |
|---|---------------------------|--------------------------------|
| <b>PUMP DATA</b>  |                           |                                |
| PUMP TYPE (Circle One):<br>Submersible, Turbine, <u>Jet</u> Flowing Well,<br>Other (Describe) _____                     |                           |                                |
| POWER TYPE (Circle One):<br><u>Electric</u> , Tractor, Diesel, Gasoline, Butane,<br>Other (Describe) _____ H/P <u>1</u> |                           |                                |
| Pump Capacity (GPM)<br><i>10</i>  | No. of Stages<br><i>2</i> | Setting Depth<br><i>30</i> FT. |
| PUMP TEST   |                           |                                |
| Well yielded <i>10</i> GPM with<br>a drawdown of <i>10</i> ft.<br>after <i>1</i> hours of pumping                       |                           |                                |

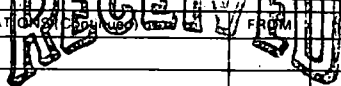
|   |                                    |   |
|---|------------------------------------|---|
| <b>WELL DATA</b>  |                                    |   |
| Well Depth<br><i>170'</i>   | Casing Diameter (In.)<br><i>2"</i> | Casing Length (Ft.)<br><i>160'</i>        |
| Type of Casing<br><i>Plastic</i>  | Hole Depth<br><i>170'</i>          | Depth to Static Water Level<br><i>30'</i> |
| TYPE OF COMPLETION: (Circle One or More):<br><u>Natural Development</u> , Gravel Packed, Underreamed, Telescoped,<br>Open Hole, Other |                                    |   |
| WELL GROUTED TO A DEPTH OF <u>15 FEET</u><br>Type Grout (circle one): Cement, Bentonite, or Mix                                       |                                    |   |

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

|                                |                                       |                                  |
|--------------------------------|---------------------------------------|----------------------------------|
| <b>SCREEN DATA</b>             |                                       |                                  |
| Diameter - Inches<br><i>2"</i> | Length - Feet<br><i>10'</i>           | Slot Size - Inches<br><i>006</i> |
| Screen Type<br><i>Plastic</i>  | Depth to Bottom - Feet<br><i>170'</i> |                                  |

|  |               |                |              |
|--|---------------|----------------|--------------|
| <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                     |               |                |              |
| IF TELESCOPED OR MORE THAN<br>FEET OF SCREEN USE BACK PAGE |               |                |              |

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM       | TO         |
|---------------------------------------|------------|------------|
| <i>Top soil</i>                       | <i>0</i>   | <i>10</i>  |
| <i>Clay</i>                           | <i>10</i>  | <i>20</i>  |
| <i>Sand</i>                           | <i>20</i>  | <i>30</i>  |
| <i>Clay</i>                           | <i>30</i>  | <i>150</i> |
| <i>good Sand</i>                      | <i>150</i> | <i>170</i> |
|                                       |            |            |
|                                       |            |            |
|                                       |            |            |
|                                       |            |            |

|  |      |    |
|--|------|----|
| FORMATION ENCOUNTERED  | FROM | TO |
| <br><b>JUN 05 1997</b><br>Dept. of Environmental Quality<br>Office of Land & Water Resources |      |    |
|  |      |    |
|  |      |    |
|  |      |    |
| IF MORE SPACE IS NEEDED, USE BACK  |      |    |

