

**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><u>LATE</u>     |       |
| WELL NUMBER<br><u>105</u>              | CODED |
| BZ085                                  |       |
| DATE WELL COMPLETED<br><u>10-22-99</u> |       |

|  |
|--|
| PERMIT NUMBER  |
| NAME OF DRILLING FIRM<br><u>SMITH WELL DRILLING &amp; SEAM</u> |

|  |             |                    |             |
|--|-------------|--------------------|-------------|
| NAME & MAILING ADDRESS OF LANDOWNER<br><u>LAWREN WATERS</u>                          |             |                    |             |
| <u>Golden Pond Sub.</u>  |             |                    |             |
| <u>COLUMBIA MS</u>   |             |                    |             |
| WELL LOCATION  | SEC         | TOWNSHIP           | RANGE       |
|  | <u>C-38</u> | <u>T-4</u>         | <u>R-17</u> |
| DISTANCE   | DIRECTION   | NEAREST TOWN       |             |
| <u>2</u> Miles   | <u>E</u>    | of <u>COLUMBIA</u> |             |
| OTHER LANDMARK   |             |                    |             |
| WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc.<br><u>None</u> |             |                    |             |

|   |                            |                                 |
|---|----------------------------|---------------------------------|
| <b>PUMP DATA</b>  |                            |                                 |
| PUMP TYPE (Circle One):<br><input checked="" type="radio"/> Submersible <input type="radio"/> Turbine <input type="radio"/> Jet <input type="radio"/> Flowing Well,<br>Other (Describe) _____                           |                            |                                 |
| POWER TYPE (Circle One):<br><input checked="" type="radio"/> Electric <input type="radio"/> Tractor <input type="radio"/> Diesel <input type="radio"/> Gasoline <input type="radio"/> Butane,<br>Other (Describe) _____ |                            |                                 |
| Pump Capacity (GPM)<br><u>17</u>  | No. of Stages<br><u>12</u> | Setting Depth<br><u>140</u> FT. |
| PUMP TEST   |                            |                                 |
| Well yielded <u>13</u> GPM with<br>a drawdown of <u>3</u> ft.<br>after <u>1</u> hours of pumping  |                            |                                 |

|  |                                   |   |
|--|-----------------------------------|---|
| <b>WELL DATA</b>   |                                   |   |
| Well Depth<br><u>170</u>   | Casing Diameter (In)<br><u>4"</u> | Casing Length (Ft)<br><u>160</u>          |
| Type of Casing<br><u>PVC</u>   | Hole Depth<br><u>170</u>          | Depth to Static Water Level<br><u>105</u> |
| TYPE OF COMPLETION: (Circle One or More):<br>Gravel Packed, Underreamed, Telescoped,<br>Natural Development, Open Hole, Other<br>(Describe) <u>WASHED SAND</u> |                                   |   |
| WELL GROUTED TO A DEPTH OF <u>10</u> FEET<br>Type Grout (circle one): Cement, Bentonite, or Mix  |                                   |   |

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

|                                |                                      |                                       |
|--------------------------------|--------------------------------------|---------------------------------------|
| <b>SCREEN DATA</b>             |                                      |                                       |
| Diameter - Inches<br><u>4"</u> | Length - Feet<br><u>10</u>           | Slot Size - Inches<br><u>14 THOUS</u> |
| Screen Type<br><u>PVC</u>      | Depth to Bottom - Feet<br><u>170</u> |                                       |

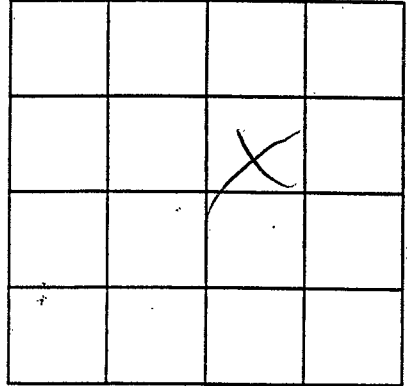
|  |               |  |              |
|--|---------------|--|--------------|
| <b>GEOLOGIC DATA (Office Use Only)</b> |               |  |              |
| Surface Elev                           | Geologic Unit | Unit Thickness                                       | Depth to Top |
| Subs. SWL                              | 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         | FORMATIONS (Continued) |    |
|---------------------------------------|------------|------------|------------------------|----|
|                                       |            |            | FROM                   | TO |
| <u>TOP SOIL</u>                       | <u>0</u>   | <u>20</u>  |                        |    |
| <u>GRAVEL + SAND</u>                  | <u>20</u>  | <u>60</u>  |                        |    |
| <u>WHITE CLAY + SAND</u>              | <u>60</u>  | <u>100</u> |                        |    |
| <u>WHITE SAND</u>                     | <u>100</u> | <u>170</u> |                        |    |
|                                       |            |            |                        |    |
|                                       |            |            |                        |    |
|                                       |            |            |                        |    |
|                                       |            |            |                        |    |
|                                       |            |            |                        |    |
|                                       |            |            |                        |    |

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please  
sketch and show depths.

GROUND LEVEL



SECTION C-38

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen,  
show location of each on sketch.