

**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>494</u>             | CODED |
| DATE WELL COMPLETED<br><u>3-10-04</u> |       |

|   |
|---|
| PERMIT NUMBER   |
| NAME OF DRILLING FIRM<br><u>SMITH WELL DRILLING + SERV.</u> |

|   |             |                |            |
|---|-------------|----------------|------------|
| NAME & MAILING ADDRESS OF LANDOWNER<br><u>TEMPLE FLETCHER</u><br><u>WILLIAMS COVE, BETT MS.</u> |             |                |            |
| Latitude:   |             |                |            |
| Longitude:  |             |                |            |
| WELL LOCATION.  | SEC         | TOWNSHIP       | RANGE      |
|   | <u>E-31</u> | <u>T-4</u>     | <u>R-5</u> |
| DISTANCE  | DIRECTION   | NEAREST TOWN   |            |
| <u>1/2</u> Miles  | <u>W</u>    | of <u>BETT</u> |            |
| OTHER LANDMARK  |             |                |            |
| WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.<br><u>Home</u>           |             |                |            |

| PUMP DATA  |  |            |
|--|--|------------|
| 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 <u>34</u> |  |            |
| DESCRIPTION OF FORMATIONS ENCOUNTERED  | FROM   | TO         |
| <u>TDA SOIL</u>  | <u>0</u>   | <u>5</u>   |
| <u>BROWN CLAY</u>  | <u>5</u>   | <u>40</u>  |
| <u>RED SAND + GRAVEL</u>   | <u>40</u>  | <u>60</u>  |
| <u>RED SAND + YELLOW CLAY</u>  | <u>60</u>  | <u>80</u>  |
| <u>WHITE CLAY + SAND</u>   | <u>80</u>  | <u>130</u> |
| <u>WHITE SAND - CLAY</u>   | <u>130</u>   | <u>150</u> |
| <u>WHITE SAND</u>  | <u>150</u>   | <u>170</u> |
| <b>RECEIVED</b>  |  |            |
| <b>MAR 29 2004</b>   |  |            |
| <b>BY: OLWR</b>  |  |            |
| Top of Lap Pipe or Reduction in Casing   |  |            |
| FEET   | IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE |            |

| WELL DATA  |                                    |   |
|--|------------------------------------|---|
| 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>90'</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): <u>Cement</u> , Bentonite, or Mix  |                                    |   |

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

I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

[Signature] 0-645  
Signature of Licensed Driller and License No.

3-24-04  
Date

Additional Information Required On Back

If well telescopes please sketch and show depths.

GROUND LEVEL

|  |  |   |  |
|--|--|---|--|
|  |  |   |  |
|  |  |   |  |
|  |  |   |  |
|  |  | X |  |

SECTION E-31

Please indicate well location X.

|                                 |               |               |     |
|---------------------------------|---------------|---------------|-----|
| Pump Capacity (GPM)             | No. of Stages | Setting Depth |     |
| <u>12</u>                       | <u>11</u>     | <u>110</u>    | FT. |
| PUMP TEST                       |               |               |     |
| Well yielded <u>13</u> GPM with |               |               |     |
| a drawdown of <u>4</u> ft.      |               |               |     |
| after <u>1</u> hours of pumping |               |               |     |

LOG DATA

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

GEOLOGIC DATA (Office Use Only)

|               |               |                |              |
|---------------|---------------|----------------|--------------|
| Surface Elev. | Geologic Unit | Unit Thickness | Depth to Top |
| Subs. SWL     | Date          | Analysis       | Aquifer Test |

Driller's Remarks

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