

**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>TATE</b>    |       |
| WELL NUMBER<br><b>240</b>             | CODED |
| <b>B78</b>                            |       |
| DATE WELL COMPLETED<br><b>4-27-01</b> |       |

|   |
|---|
| PERMIT NUMBER   |
| NAME OF DRILLING FIRM<br><b>SMITH WELL DRILLING &amp; SERV.</b> |

|   |             |                    |           |
|---|-------------|--------------------|-----------|
| NAME & MAILING ADDRESS OF LANDOWNER<br><b>MRS. LUCKEY</b>                             |             |                    |           |
| <b>ARABOTTA RD</b>  |             |                    |           |
| <b>COLWATER, MS</b>   |             |                    |           |
| WELL LOCATION   | SEC         | TOWNSHIP           | RANGE     |
|   | <b>B-32</b> | <b>4</b>           | <b>18</b> |
| DISTANCE  | DIRECTION   | NEAREST TOWN       |           |
| <b>5</b> Miles  | <b>W</b>    | of <b>Colwater</b> |           |
| OTHER LANDMARK  |             |                    |           |
| WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.<br><b>HOME</b> |             |                    |           |

|   |               |                |
|---|---------------|----------------|
| PUMP DATA   |               |                |
| 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) _____ H/P <b>74</b> |               |                |
| Pump Capacity (GPM)   | No. of Stages | Setting Depth  |
| <b>12</b>   | <b>10</b>     | <b>120</b> FT. |
| PUMP TEST   |               |                |
| Well yielded <b>14</b> GPM with<br>a drawdown of <b>4</b> ft.<br>after <b>1</b> hours of pumping  |               |                |

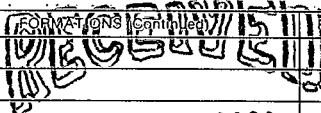
|  |                                    |  |
|--|------------------------------------|--|
| Well Depth<br><b>170</b>   | Casing Diameter (In.)<br><b>4"</b> | Casing Length (Ft.)<br><b>160</b>          |
| Type of Casing<br><b>PVC</b>   | Hole Depth<br><b>170</b>           | Depth to Static Water Level<br><b>100'</b> |
| TYPE OF COMPLETION: (Circle One or More):<br>Gravel Packed, Underreamed, Telescoped,<br>Natural Development, Open Hole, Other<br>(Describe) <b>WASHED SAND</b> |                                    |  |
| WELL GROUTED TO A DEPTH OF <b>10</b> FEET<br>Type Grout (circle one): <input checked="" type="radio"/> Cement, <input type="radio"/> Bentonite, or Mix         |                                    |  |

|  |  |
|--|--|
| LOG DATA   |  |
| 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   |  |

|                                |                                      |  |
|--------------------------------|--------------------------------------|--|
| SCREEN DATA                    |                                      |  |
| Diameter - Inches<br><b>4"</b> | Length - Feet<br><b>10</b>           | Slot Size - Inches<br><b>1/4 THOUS</b> |
| Screen Type<br><b>PVC</b>      | Depth to Bottom - Feet<br><b>170</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 |               |                |              |

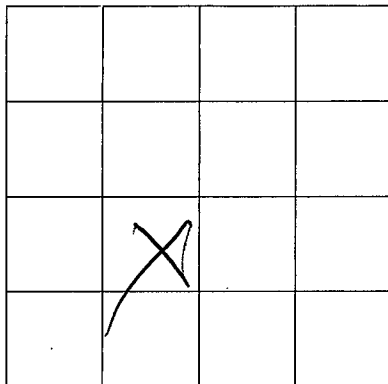
| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM       | TO         |
|---------------------------------------|------------|------------|
| <b>TOP SOIL</b>                       | <b>0</b>   | <b>20</b>  |
| <b>WHITE CLAY</b>                     | <b>20</b>  | <b>30</b>  |
| <b>GRAVEL + SAND</b>                  | <b>30</b>  | <b>70</b>  |
| <b>GREY CLAY</b>                      | <b>70</b>  | <b>140</b> |
| <b>WHITE SAND</b>                     | <b>140</b> | <b>170</b> |

  
**JUN 05 2001**  
 Dept of Environmental Quality  
 Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please  
sketch and show depths.

GROUND LEVEL



SECTION B-32

Please indicate well location X.

ADDITIONAL INFORMATION

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