

**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>Sunflower</i> |       |
| WELL NUMBER<br><i>F 2095</i>            | CODED |
| DATE WELL COMPLETED<br><i>10-9-98</i>   |       |

|  |
|--|
| PERMIT NUMBER  |
| NAME OF DRILLING FIRM<br><b>IRRIGATION EQUIPMENT</b> |
| <b>601/887-2555</b>                                  |

|   |              |                  |          |
|---|--------------|------------------|----------|
| NAME & MAILING ADDRESS OF LANDOWNER<br><i>SLOAN RAINWATER</i>                               |              |                  |          |
| <i>1410 Hillcrest</i>   |              |                  |          |
| <i>SONESBORO, AR 72401</i>  |              |                  |          |
| WELL LOCATION:  | SEC          | TOWNSHIP         | RANGE    |
| <i>NW/SE</i>  | <i>18</i>    | <i>22</i>        | <i>3</i> |
| DISTANCE  | DIRECTION    | NEAREST TOWN     |          |
| <i>2</i> Miles  | <i>north</i> | <i>Ruleville</i> |          |
| OTHER LANDMARK  |              |                  |          |
| WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.<br><i>Irrigation</i> |              |                  |          |

|  |               |               |
|--|---------------|---------------|
| <b>PUMP DATA</b>   |               |               |
| PUMP TYPE (Circle One):<br>Submersible, <u>Turbine</u> Jet Flowing Well,<br>Other (Describe) _____                     |               |               |
| POWER TYPE (Circle One):<br>Electric, Tractor, <u>Diesel</u> Gasoline, Butane,<br>Other (Describe) _____ H/P <u>60</u> |               |               |
| Pump Capacity (GPM)  | No. of Stages | Setting Depth |
|  | <i>1</i>      | <i>70</i> FT. |
| PUMP TEST  |               |               |
| Well yielded _____ GPM with<br>a drawdown of _____ ft.<br>after _____ hours of pumping                                 |               |               |

|   |                                    |  |
|---|------------------------------------|--|
| <b>WELL DATA</b>  |                                    |  |
| Well Depth<br><i>115</i>  | Casing Diameter (In.)<br><i>16</i> | Casing Length (Ft.)<br><i>75</i>             |
| Type of Casing<br><i>PVC</i>  | Hole Depth<br><i>115</i>           | Depth to Static Water Level<br><i>45 ft.</i> |
| TYPE OF COMPLETION: (Circle One or More):<br><u>Gravel Packed</u> , Underreamed, Telescoped,<br>Natural Development, Open Hole, Other |                                    |  |
| WELL GROUTED TO A DEPTH OF _____ FEET<br>Type Grout (circle one): Cement, Bentonite, or Mix   |                                    |  |

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

|                                   |                                      |                                   |
|-----------------------------------|--------------------------------------|-----------------------------------|
| <b>SCREEN DATA</b>                |                                      |                                   |
| Diameter - Inches<br><i>1 1/2</i> | Length - Feet<br><i>40</i>           | Slot Size - Inches<br><i>.050</i> |
| Screen Type<br><i>PVC</i>         | Depth to Bottom - Feet<br><i>115</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<br><i>Farmer: Fletcher CLARK</i>   |               |                |              |
| 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         |
|---------------------------------------|-----------|------------|
| <i>CLAY</i>                           | <i>0</i>  | <i>21</i>  |
| <i>FINE SAND</i>                      | <i>21</i> | <i>40</i>  |
| <i>FINE SAND &amp; GRAVEL</i>         | <i>40</i> | <i>61</i>  |
| <i>med. SAND &amp; GRAVEL</i>         | <i>61</i> | <i>115</i> |
|                                       |           |            |
|                                       |           |            |
|                                       |           |            |
|                                       |           |            |
|                                       |           |            |
|                                       |           |            |

FORMATIONS (continued) FROM TO

**DEC 17 1998**

Dept. of Environmental Quality  
Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK

