

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

Office of Land and Water Resources

|   |       |
|---|-------|
| COUNTY WELL LOCATED<br><b>Sunflower</b> |       |
| WELL NUMBER<br><b>D 2082</b>            | CODED |
| DATE WELL COMPLETED<br><b>9/3/98</b>    |       |

|  |
|--|
| PERMIT NUMBER  |
| NAME OF DRILLING FIRM<br><b>Layne-Central, a division of</b><br><b>Layne Christensen Company</b> |

P. O. Box 10631  
Jackson, MS 39289-0631  
**WATER WELL DRILLERS LOG**

|  |           |                |            |
|--|-----------|----------------|------------|
| NAME & MAILING ADDRESS OF LANDOWNER<br><b>Brodersky Plantation</b><br><b>c/o Farmer's National Company</b><br><b>285 German Oak Drive, Suite 3</b><br><br><b>Cordova, TN 38108</b> |           |                |            |
| WELL LOCATION:   | SEC       | TOWNSHIP       | RANGE      |
|  | <b>17</b> | <b>23</b>      | <b>N 3</b> |
| DISTANCE   | DIRECTION | NEAREST TOWN   |            |
| <b>4</b> Miles   | <b>N</b>  | of <b>Drew</b> |            |
| OTHER LANDMARK   |           |                |            |
| WELL PURPOSE: Home, <u>Irrigation</u> , Municipal, Industrial, Fish Pond, etc.<br><b>Irrigation</b>  |           |                |            |

|  |               |               |
|--|---------------|---------------|
| <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>Diésel</u> , Gasoline, Butane,<br>Other (Describe) _____ H/P <u>60</u> |               |               |
| Pump Capacity (GPM)  | No. of Stages | Setting Depth |
| <b>2500</b>  | <b>1</b>      | <b>60</b> FT. |
| PUMP TEST  |               |               |
| Well yielded <u>Not Tested</u> GPM with<br>a drawdown of _____ ft.<br>after _____ hours of pumping                       |               |               |

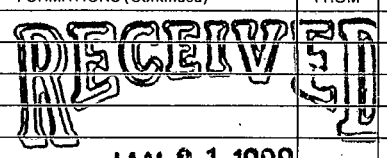

|   |                       |                             |
|---|-----------------------|-----------------------------|
| <b>WELL DATA</b>  |                       |                             |
| Well Depth  | Casing Diameter (In.) | Casing Length (Ft.)         |
| <b>118'</b>   | <b>16"</b>            | <b>78'</b>                  |
| Type of Casing  | Hole Depth            | Depth to Static Water Level |
| <b>PVC</b>  | <b>118'</b>           | <b>35' 8"</b>               |
| TYPE OF COMPLETION: (Circle One or More):<br><u>Gravel Packed</u> , Underreamed, Telescoped,<br>Natural Development, Open Hole, Other<br>(Describe) _____ |                       |                             |
| WELL GROUTED TO A DEPTH OF <u>10</u> FEET<br>Type Grout (circle one) <u>Cement</u> , Bentonite, or Mix  |                       |                             |

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

|                    |                        |                    |
|--------------------|------------------------|--------------------|
| <b>SCREEN DATA</b> |                        |                    |
| Diameter - Inches  | Length - Feet          | Slot Size - Inches |
| <b>16"</b>         | <b>40'</b>             | <b>.050</b>        |
| Screen Type        | Depth to Bottom - Feet |                    |
| <b>PVC</b>         | <b>118'</b>            |                    |

|  |               |  |              |
|--|---------------|--|--------------|
| <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  |
|---------------------------------------|------|-----|
| Clay                                  | 0    | 13  |
| Fine Sand                             | 13   | 23  |
| Fine Sand, Clay.                      | 23   | 33  |
| Fine Sand                             | 33   | 43  |
| Coarse Sand, Clay                     | 43   | 53  |
| Coarse Sand, Pea Grav.                | 53   | 118 |
|                                       |      |     |
|                                       |      |     |
|                                       |      |     |
|                                       |      |     |

| FORMATIONS (Continued)   | FROM | TO |
|--|------|----|
| <br><b>JAN 21 1999</b> |      |    |
|                        |      |    |
| IF MORE SPACE IS NEEDED, USE BACK  |      |    |

