

**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>Monroe</b>  |       |
| WELL NUMBER<br><b>1</b>               | CODED |
| <b>C-119</b>                          |       |
| DATE WELL COMPLETED<br><b>6/16/00</b> |       |

|   |
|---|
| PERMIT NUMBER   |
| NAME OF DRILLING FIRM<br><b>Layne Central a Div. of</b> |
| <b>Layne Christensen CO.</b>                            |

|  |           |                  |               |
|--|-----------|------------------|---------------|
| NAME & MAILING ADDRESS OF LANDOWNER<br><b>Gaines Trace Water Assoc.</b>        |           |                  |               |
| <b>c/o Mr. Ralph Dill</b>  |           |                  |               |
| <b>60157 Parham Gin RD.</b>  |           |                  |               |
| <b>Amory, MS 38821</b>   |           |                  |               |
| WELL LOCATION  | SEC       | TOWNSHIP         | RANGE         |
|  | <b>24</b> | <b>12</b>        | <b>18 W E</b> |
| DISTANCE   | DIRECTION | NEAREST TOWN     |               |
| <b>3</b> Miles   | <b>E</b>  | of <b>Hatley</b> |               |
| OTHER LANDMARK   |           |                  |               |
| WELL PURPOSE. Home, Irrigation, <u>Municipal</u> , Industrial, Fish Pond, etc. |           |                  |               |

|  |               |               |  |
|--|---------------|---------------|--|
| PUMP DATA  |               |               |  |
| PUMP TYPE (Circle One):<br><u>Submersible</u> , Turbine, Jet, Flowing Well, Other (Describe)                 |               |               |  |
| POWER TYPE (Circle One):<br><u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) <u>H/P</u> |               |               |  |
| Pump Capacity (GPM)  | No. of Stages | Setting Depth |  |
| <b>200</b>   | <b>7</b>      | <b>90 FT.</b> |  |
| PUMP TEST  |               |               |  |
| Well yielded <b>200</b> GPM with a drawdown of <b>13'8"</b> after <b>1:24"</b> hours of pumping              |               |               |  |

|   |                                     |   |
|---|-------------------------------------|---|
| WELL DATA   |                                     |   |
| Well Depth<br><b>144'</b>   | Casing Diameter (In.)<br><b>12"</b> | Casing Length (Ft.)<br><b>97'</b>         |
| Types of Casing<br><b>steel</b>   | Hole Depth<br><b>164'</b>           | Depth to Static Water Level<br><b>48'</b> |
| TYPE OF COMPLETION: (Circle One or More):<br><u>Gravel Packed</u> , <u>Underreamed</u> , Telescoped, Natural Development, Open Hole, Other (Describe) |                                     |   |
| WELL GROUTED TO A DEPTH OF <b>97 FEET</b><br>Type Grout (circle one): <u>Cement</u> , Bentonite, or Mix   |                                     |   |

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

|                                       |                                       |                                   |
|---------------------------------------|---------------------------------------|-----------------------------------|
| SCREEN DATA                           |                                       |                                   |
| Diameter - Inches<br><b>6"</b>        | Length - Feet<br><b>40"</b>           | Slot Size - Inches<br><b>.050</b> |
| Screen Type<br><b>stainless steel</b> | Depth to Bottom - Feet<br><b>144'</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<br><b>FEET</b> IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE |               |                |              |

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO  | FORMATIONS (Continued)   | FROM | TO  |
|---------------------------------------|------|-----|--------------------------|------|-----|
| Clay                                  | 0    | 10  | coarse sand              | 112  | 122 |
| Clay                                  | 10   | 48  | coarse sand & big gravel | 122  | 132 |
| Clay & Pea Gravel                     | 48   | 52  | gravel                   |      |     |
| Clay & Pea Gravel                     | 52   | 62  | coarse sand & big gravel | 132  | 142 |
| Pea gravel w/ clay streaks            | 62   | 72  | gravel                   |      |     |
| Pea gravel w/clay Streaks             | 72   | 82  | Rocks                    | 142  | 152 |
| Coarse sand                           | 82   | 92  | Rocks                    | 152  | 164 |
| coarse sand                           | 92   | 102 |                          |      |     |
| coarse sand                           | 102  | 112 |                          |      |     |

IF MORE SPACE IS NEEDED, USE BACK PAGE  
 MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY  
 OFFICE OF LAND AND WATER RESOURCES

