

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**  
Bureau of Land and Water Resources

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

|  |  |
|--|--|
| COUNTY WELL LOCATED<br><b>LOWNDES</b>  |  |
| WELL NUMBER<br><b>708</b>              | CODED<br><input checked="" type="checkbox"/> |
| DATE WELL COMPLETED<br><b>05/20/92</b> |  |

|   |
|---|
| PERMIT NUMBER<br><b>14082</b>                     |
| NAME OF DRILLING FIRM<br><b>Layne-Central Co.</b> |
| <b>ADN. J. Layne, Inc.</b>                        |

|  |            |
|--|------------|
| NAME & MAILING ADDRESS OF LANDOWNER<br><b>Columbus Light &amp; Water</b>                   |            |
| <b>P.O. Box 949</b>  |            |
| <b>Columbus, MS. 39203</b>   |            |
| WELL LOCATION: SEC <b>10</b> TOWNSHIP <b>18</b> RANGE <b>18</b>                            | W <b>W</b> |
| DISTANCE _____ MILES of _____ NEAREST TOWN   |            |
| OTHER LANDMARK<br><b>750' NORTH of WATER POND</b>  |            |
| WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.<br><b>Municipal</b> |            |

|  |                           |                                 |
|--|---------------------------|---------------------------------|
| PUMP DATA  |                           |                                 |
| PUMP TYPE (Circle One):<br>Submersible, <u>Turbine</u> Jet Flowing Well,<br>Other (Describe) _____                     |                           |                                 |
| POWER TYPE (Circle One):<br><u>Electric</u> Tractor, Diesel, Gasoline, Butane,<br>Other (Describe) _____ H/P <u>50</u> |                           |                                 |
| Pump Capacity (GPM)<br><b>1400</b>   | No. of Stages<br><b>2</b> | Setting Depth<br><b>115</b> FT. |
| PUMP TEST  |                           |                                 |
| Well yielded <b>1400</b> GPM with<br>a drawdown of <b>12</b> ft.<br>after <b>24</b> hours of pumping                   |                           |                                 |

|   |                                     |   |
|---|-------------------------------------|---|
| WELL DATA   |                                     |   |
| Well Depth<br><b>885'</b>   | Casing Diameter (In.)<br><b>18"</b> | Casing Length (Ft.)<br><b>770'</b>      |
| Type of Casing<br><b>STEEL</b>  | Hole Depth<br><b>977'</b>           | Depth to Static Water Level<br><b>3</b> |
| TYPE OF COMPLETION: (Circle One or More):<br><u>Gravel Packed</u> , <u>Underreamed</u> , Telescoped,<br>Natural Development, Open Hole, Other |                                     |   |
| Top of Lap Pipe or Reduction in Casing<br><b>770 FEET</b>   |                                     |   |
| IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE  |                                     |   |

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

|                                 |                             |                                       |
|---------------------------------|-----------------------------|---------------------------------------|
| SCREEN DATA                     |                             |                                       |
| Diameter - Inches<br><b>12"</b> | Length - Feet<br><b>101</b> | Slot Size - Inches<br><b>#30</b>      |
| Screen Type<br><b>S/S W.R.</b>  |                             | Depth to Bottom - Feet<br><b>4'6"</b> |

|  |               |                |               |
|--|---------------|----------------|---------------|
| GEOLOGIC DATA (Office Use Only)                                    |               |                |               |
| Surface Elev.  | Geologic Unit | Well Thickness | Depth to Top  |
| Subs. SWL  | Date          | Analysis       | Acquifer Test |
| Driller's Remarks<br><b>FFB 03 1993</b>                            |               |                |               |
| Dept. of Environmental Quality<br>Office of Land & Water Resources |               |                |               |

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM        | TO          | FORMATIONS (Continued)         | FROM       | TO         |
|---------------------------------------|-------------|-------------|--------------------------------|------------|------------|
| <b>FILL</b>                           | <b>0'</b>   | <b>8'</b>   | <b>SAND, LIME + HARD SHALE</b> | <b>855</b> | <b>880</b> |
| <b>SANDY CLAY</b>                     | <b>8'</b>   | <b>12'</b>  | <b>HARD SHALE</b>              | <b>880</b> | <b>971</b> |
| <b>HARD CLAY</b>                      | <b>12'</b>  | <b>133'</b> |                                |            |            |
| <b>SANDY SHALE</b>                    | <b>133'</b> | <b>155'</b> |                                |            |            |
| <b>HARD CLAY + LIME</b>               | <b>155'</b> | <b>210'</b> |                                |            |            |
| <b>SANDY SHALE</b>                    | <b>210'</b> | <b>255'</b> |                                |            |            |
| <b>HARD CLAY (RED)</b>                | <b>255'</b> | <b>470'</b> |                                |            |            |
| <b>SANDY CLAY</b>                     | <b>470'</b> | <b>495'</b> |                                |            |            |
| <b>ROCK</b>                           | <b>495'</b> | <b>498'</b> |                                |            |            |
| <b>HARD SHALE</b>                     | <b>498'</b> | <b>760'</b> |                                |            |            |
| <b>LIME + CLAY + SAND</b>             | <b>760'</b> | <b>855'</b> |                                |            |            |

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please  
sketch and show depths.

GROUND LEVEL

|  |  |  |  |
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|  |  |  |  |
|  |  |  |  |

SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

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