

# MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES

Bureau of Land and Water Resources

P.O. Box 10631

Jackson, Mississippi 39209

WATER WELL DRILLERS LOG

|  |   |
|--|---|
| COUNTY WELL LOCATED<br><b>Lowndes</b>  |   |
| WELL NUMBER<br><b>C 7684</b>           | CODED <input checked="" type="checkbox"/> |
| DATE WELL COMPLETED<br><b>02/16/88</b> |   |

|   |
|---|
| PERMIT NUMBER   |
| NAME OF DRILLING FIRM<br><b>Herndon Well &amp; Supply</b> |
| <b>Shannon, MS 38868</b>                                  |

|  |  |  |
|--|--|--|
| NAME & MAILING ADDRESS OF LANDOWNER<br><b>Dixie Land &amp; Water Co.</b>                   |  |  |
| <b>C/O Mr. Willis Puckett</b>  |  |  |
| <b>Columbus, MS 39701</b>  |  |  |
| WELL LOCATION: SEC <b>32</b> TOWNSHIP <b>17</b> RANGE <b>18</b>                            |  |  |
| DISTANCE <b>0</b> Miles DIRECTION <b>North</b> of NEAREST TOWN <b>Columbus</b>             |  |  |
| OTHER LANDMARK<br><b>Holly Hills Subdivision</b>   |  |  |
| WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.<br><b>Municipal</b> |  |  |

|  |                           |                                 |
|--|---------------------------|---------------------------------|
| PUMP DATA  |                           |                                 |
| PUMP TYPE (Circle One): <b>15 hp</b><br><input checked="" type="checkbox"/> Submersible, Turbine, Jet, Flowing Well,<br>Other (Describe) _____ |                           |                                 |
| POWER TYPE (Circle One):<br><input checked="" type="checkbox"/> Electric, Tractor, Diesel, Gasoline, Butane,<br>Other (Describe) _____         |                           |                                 |
| Pump Capacity (GPM)<br><b>183</b>  | No. of Stages<br><b>7</b> | Setting Depth<br><b>112 FT.</b> |
| PUMP TEST  |                           |                                 |
| Well yielded <b>183</b> GPM with<br>a drawdown of <b>24</b> ft.<br>after <b>24</b> hours of pumping  |                           |                                 |

|   |                                    |  |
|---|------------------------------------|--|
| WELL DATA   |                                    |  |
| Well Depth<br><b>420'</b>   | Casing Diameter (In.)<br><b>8"</b> | Casing Length (Ft.)<br><b>360'</b>           |
| Type of Casing<br><b>Steel</b>  | Hole Depth<br><b>600'</b>          | Depth to Static Water Level<br><b>52.17'</b> |
| TYPE OF COMPLETION: (Circle One or More):<br><input checked="" type="checkbox"/> Gravel Packed, Underreamed, Telescoped,<br>Natural Development, Open Hole, Other<br>(Describe) _____ |                                    |  |
| Top of Lap Pipe or Reduction in Casing<br><b>296' 4" FEET</b> IF TELESKOPED OR MORE THAN ONE SCREEN: USE BACK PAGE  |                                    |  |

|  |  |
|--|--|
| LOG DATA   |  |
| TYPE OF LOG RUN (Circle One): No Log Run,<br><input checked="" type="checkbox"/> Electric, Gamma Ray, Density, Sonic, Neutron,<br>Other (Describe) _____ |  |
| Name of Organization Running Log<br><b>Herndon Well &amp; Supply, Inc.</b>   |  |

|                                 |                                       |                                   |
|---------------------------------|---------------------------------------|-----------------------------------|
| SCREEN DATA                     |                                       |                                   |
| Diameter - Inches<br><b>4"</b>  | Length - Feet<br><b>60' 9"</b>        | Slot Size - Inches<br><b>.020</b> |
| Screen Type<br><b>SS Ribbed</b> | Depth to Bottom - Feet<br><b>420'</b> |                                   |

|                                 |               |                |              |
|---------------------------------|---------------|----------------|--------------|
| GEOLOGIC DATA (Office Use Only) |               |                |              |
| Surface Elev.                   | Geologic Unit | Unit Thickness | Depth to Top |
| Subs. SWL                       | Date          | Analysis       | Aquifer Test |

|                   |
|-------------------|
| Driller's Remarks |
| RECEIVED          |

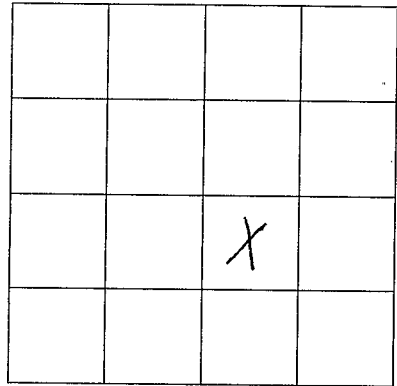
| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO  | FORMATIONS (Continued) | FROM | TO  |
|---------------------------------------|------|-----|------------------------|------|-----|
| Red Clay                              | 0    | 10  | Gravel - Sand          | 498  | 580 |
| Pea Gravel                            | 10   | 14  | Pink Gumbo             | 580  | 600 |
| Sandy Blue Clay                       | 14   | 100 |                        |      |     |
| Sand 112', Rock 8"                    | 100  | 115 |                        |      |     |
| Blue Clay                             | 115  | 189 |                        |      |     |
| Sand, Shale Clay                      | 189  | 315 |                        |      |     |
| Sand w/Streaks of Clay                | 315  | 347 |                        |      |     |
| Sand                                  | 347  | 395 |                        |      |     |
| Pea Gravel                            | 395  | 406 |                        |      |     |
| Clay Sand Gravel                      | 406  | 455 |                        |      |     |
| Blue Clay                             | 455  | 498 |                        |      |     |

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IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION 32

Please indicate well location X.

ADDITIONAL INFORMATION

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