

# 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>Madison</b> |   |
| WELL NUMBER<br>Well # <b>5</b>        | CODED <input checked="" type="checkbox"/> |
| <b>140</b>                            |   |
| DATE WELL COMPLETED<br><b>8-31-90</b> |   |

|   |
|---|
| PERMIT NUMBER<br><b>MS-6W-14409</b>                       |
| NAME OF DRILLING FIRM<br><b>Herndon Well &amp; Supply</b> |
| <b>Pearl, MS</b>  |

|  |                         |                      |                        |
|--|-------------------------|----------------------|------------------------|
| NAME & MAILING ADDRESS OF LANDOWNER<br><b>East Madison W. A.</b>               |                         |                      |                        |
|  |                         |                      |                        |
|  |                         |                      |                        |
| Madison, MS  |                         |                      |                        |
| WELL LOCATION: SEC   | TOWNSHIP                | RANGE                |                        |
| <b>31</b>  | <b>10N</b>              | <b>N</b><br><b>S</b> | <b>05E</b><br><b>W</b> |
| DISTANCE   | DIRECTION               | NEAREST TOWN         |                        |
| <b>10</b> Miles  | <b>N 1/2, SE 1/4</b> of | <b>Canton</b>        |                        |
| OTHER LANDMARK<br><b>10 miles East of Canton</b>                               |                         |                      |                        |
| WELL PURPOSE: Home, Irrigation, <u>Municipal</u> , Industrial, Fish Pond, etc. |                         |                      |                        |

|  |               |                 |
|--|---------------|-----------------|
| PUMP DATA  |               |                 |
| PUMP TYPE (Circle One):<br>Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe) _____                       |               |                 |
| POWER TYPE (Circle One):<br>Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) <b>3 Phase</b> H/P <b>60HP</b> |               |                 |
| Pump Capacity (GPM)  | No. of Stages | Setting Depth   |
| <b>580 GPM</b>   | <b>8</b>      | <b>1402</b> FT. |
| PUMP TEST  |               |                 |
| Well yielded <b>580</b> GPM with a drawdown of <b>81.58</b> ft. after <b>4</b> hours of pumping                          |               |                 |

|   |                                     |   |
|---|-------------------------------------|---|
| WELL DATA   |                                     |   |
| Well Depth<br><b>1402'</b>  | Casing Diameter (In.)<br><b>12"</b> | Casing Length (Ft.)<br><b>1350</b>          |
| Type of Casing<br><b>Steel</b>  | Hole Depth<br><b>1402'</b>          | Depth to Static Water Level<br><b>67.42</b> |
| TYPE OF COMPLETION: (Circle One or More):<br><u>Gravel Packed</u> , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____ |                                     |   |
| Top of Lap Pipe or Reduction in Casing<br><b>FEET</b> IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE  |                                     |   |

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

|                                    |  |                                   |
|------------------------------------|--|-----------------------------------|
| SCREEN DATA                        |  |                                   |
| Diameter - Inches<br><b>8"</b>     | Length - Feet<br><b>50.85</b>          | Slot Size - Inches<br><b>.014</b> |
| Screen Type<br><b>Johnson S.S.</b> | Depth to Bottom - Feet<br><b>1402'</b> |                                   |

|  |               |                |              |
|--|---------------|----------------|--------------|
| GEOLOGIC DATA (Office Use Only)  |               |                |              |
| Surface Elev.  | Geologic Unit | Unit Thickness | Depth to Top |
| Subs. SWL  | Date          | Analysis       | Auger Test   |
| Driller's Remarks<br><b>SEP 18 1992</b>  |               |                |              |
| <b>Dept. of Environmental Quality</b><br><b>Bureau of Land &amp; Water Resources</b> |               |                |              |

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM |      | TO   |      | FORMATIONS (Continued) | FROM |      | TO   |      |
|---------------------------------------|------|------|------|------|------------------------|------|------|------|------|
|                                       | FEET | FEET | FEET | FEET |                        | FEET | FEET | FEET | FEET |
| Clay                                  |      | 0    |      | 60   | Sandy Clay & Shale     | 875  |      | 1030 |      |
| Sand                                  |      | 60   |      | 80   | Clay                   | 1030 |      | 1180 |      |
| Sand & Shale Streaks                  |      | 80   |      | 195  | Clay & Shale Streaks   | 1180 |      | 1335 |      |
| Sandy Clay & Shale                    |      | 195  |      | 300  | Sand                   | 1335 |      | 1400 |      |
| Sand                                  |      | 300  |      | 375  |                        |      |      |      |      |
| Sandy Clay                            |      | 375  |      | 400  |                        |      |      |      |      |
| Sand & Shale Streaks                  |      | 400  |      | 535  |                        |      |      |      |      |
| Sand                                  |      | 535  |      | 600  |                        |      |      |      |      |
| Clay                                  |      | 600  |      | 690  |                        |      |      |      |      |
| Clay & Sand Streaks                   |      | 690  |      | 750  |                        |      |      |      |      |
| Clay                                  |      | 750  |      | 875  |                        |      |      |      |      |

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please  
sketch and show depths.

GROUND LEVEL

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

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