

# 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>JACKSON</b>   |       |
| WELL NUMBER<br><b>P2174</b>             | CODED |
| DATE WELL COMPLETED<br><b>11 NOV 89</b> |       |

|   |
|---|
| PERMIT NUMBER<br><b>0-485</b>           |
| NAME OF DRILLING FIRM<br><b>CORETEC</b> |

|  |              |                |            |
|--|--------------|----------------|------------|
| NAME & MAILING ADDRESS OF LANDOWNER<br><b>JERRY K. MALLETT</b>                                     |              |                |            |
| <b>2110 SOUNDVIEW DRIVE</b>  |              |                |            |
| <b>GAUTIER, MS.</b>  |              |                |            |
| WELL LOCATION:   | SEC          | TOWNSHIP       | RANGE      |
|  | <b>32</b>    | <b>8 N</b>     | <b>6 E</b> |
| DISTANCE   | DIRECTION    | NEAREST TOWN   |            |
| <b>1</b> Miles   | <b>SOUTH</b> | <b>GAUTIER</b> |            |
| OTHER LANDMARK<br><b>1/2 MILE SOUTH OF RAIL ROAD</b>   |              |                |            |
| WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.<br><b>IRRIGATION - YARD</b> |              |                |            |

| PUMP DATA  |                           |                                  |
|--|---------------------------|----------------------------------|
| PUMP TYPE (Circle One):<br>Submersible, Turbine, <b>Jet</b> Flowing Well,<br>Other (Describe) _____                  |                           |                                  |
| POWER TYPE (Circle One):<br><b>Electric</b> , Tractor, Diesel, Gasoline, Butane,<br>Other (Describe) _____ H/P _____ |                           |                                  |
| Pump Capacity (GPM)<br><b>20</b>   | No. of Stages<br><b>1</b> | Setting Depth<br><b>100'</b> FT. |
| PUMP TEST  |                           |                                  |
| Well yielded <b>18</b> GPM with<br>a drawdown of <b>10</b> ft.<br>after <b>3</b> hours of pumping                    |                           |                                  |

| WELL DATA   |                                    |   |
|---|------------------------------------|---|
| Well Depth<br><b>98'</b>  | Casing Diameter (In.)<br><b>2"</b> | Casing Length (Ft.)<br><b>88'</b>         |
| Type of Casing<br><b>PVC</b>  | Hole Depth<br><b>100'</b>          | Depth to Static Water Level<br><b>12'</b> |
| TYPE OF COMPLETION: (Circle One or More):<br>Gravel Packed, Underreamed, Telescoped,<br><b>Natural Development</b> , Open Hole, Other<br>(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>Electric, Gamma Ray, Density, Sonic, Neutron,<br>Other (Describe) _____ |  |
| <b>No Log Run</b>  |  |
| Name of Organization Running Log   |  |

| SCREEN DATA                         |                             |  |
|-------------------------------------|-----------------------------|--|
| Diameter - Inches<br><b>2"</b>      | Length - Feet<br><b>10'</b> | Slot Size - Inches<br><b>0.010</b>       |
| Screen Type<br><b>PVC (SLOTTED)</b> |                             | Depth to Bottom - Feet<br><b>88'-98'</b> |

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

|  |
|--|
| Driller's Remarks<br><b>PUMP INSTALLED</b><br><b>AFTER WELL COMP. DATE</b> |
|--|

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM      | TO         | FORMATIONS (Continued) | FROM | TO |
|---------------------------------------|-----------|------------|------------------------|------|----|
| <b>TOP SOIL</b>                       | <b>0</b>  | <b>2</b>   |                        |      |    |
| <b>BLACK MUD</b>                      | <b>2</b>  | <b>14</b>  |                        |      |    |
| <b>COURSE WHITE SAND</b>              | <b>14</b> | <b>20</b>  |                        |      |    |
| <b>BLACK MUD</b>                      | <b>20</b> | <b>32</b>  |                        |      |    |
| <b>GREY CLAY</b>                      | <b>32</b> | <b>38</b>  |                        |      |    |
| <b>COURSE WHITE SAND</b>              | <b>38</b> | <b>46</b>  |                        |      |    |
| <b>BLUE GRAYED MUD</b>                | <b>46</b> | <b>61</b>  |                        |      |    |
| <b>COURSE GREY SAND</b>               | <b>61</b> | <b>84</b>  |                        |      |    |
| <b>PEA GRAVEL</b>                     | <b>84</b> | <b>100</b> |                        |      |    |
|                                       |           |            |                        |      |    |
|                                       |           |            |                        |      |    |

RECEIVED

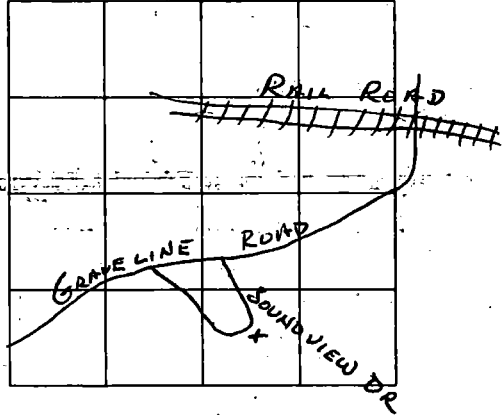
APR 05 1990

Department of Natural Resources  
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IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION 9

Please indicate well location X.

ADDITIONAL INFORMATION

Blank lined area for additional information.

*Handwritten notes and stamps, including 'WATER' and 'CO 1918'.*

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