

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 DeSoto | |
| WELL NUMBER M 2133 | CODED |
| DATE WELL COMPLETED 1-19-99 | |

| |
|--|
| PERMIT NUMBER HICKS WELL CO. |
| NAME OF DRILLING FIRM SENATOGA, MS |

| | | | |
|---|-----------|-------------------|--------------|
| NAME & MAILING ADDRESS OF LANDOWNER Richie OR Maggie ROTTEN | | | |
| 5565 ALLEN RD | | | |
| HERNANDO, MS 38632 | | | |
| WELL LOCATION | SEC | TOWNSHIP | RANGE |
| | 35 | 3 | N 6 E |
| DISTANCE | DIRECTION | NEAREST TOWN | |
| 1 1/2 Miles | S | of Cockrum | |
| OTHER LANDMARK | | | |
| WELL PURPOSE <input checked="" type="checkbox"/> Home Irrigation, <input type="checkbox"/> Municipal, <input type="checkbox"/> Industrial, <input type="checkbox"/> Fish Pond, etc. | | | |

| | | |
|---|---------------|----------------|
| PUMP DATA | | |
| PUMP TYPE (Circle One): <input checked="" type="checkbox"/> Submersible, <input type="checkbox"/> Turbine, <input type="checkbox"/> Jet, <input type="checkbox"/> Flowing Well, Other (Describe) _____ | | |
| POWER TYPE (Circle One): <input checked="" type="checkbox"/> Electric, <input type="checkbox"/> Tractor, <input type="checkbox"/> Diesel, <input type="checkbox"/> Gasoline, <input type="checkbox"/> Butane, Other (Describe) _____ H/P 3/4 | | |
| Pump Capacity (GPM) | No. of Stages | Setting Depth |
| 12 | | 100 FT. |
| PUMP TEST | | |
| Well yielded 10 GPM with a drawdown of 7.5 ft. after _____ hours of pumping | | |

| | | |
|--|-----------------------|-----------------------------|
| WELL DATA | | |
| Well Depth | Casing Diameter (In.) | Casing Length (Ft.) |
| 122 | 4 | 112 |
| Type of Casing | Hole Depth | Depth to Static Water Level |
| PVC | 122 | 60 |
| TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed, <input type="checkbox"/> Underreamed, <input type="checkbox"/> Telescoped, <input type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other (Describe) _____ | | |
| WELL GROUTED TO A DEPTH OF 3 FEET Type Grout (circle one): <input checked="" type="checkbox"/> Cement, <input type="checkbox"/> Bentonite, or Mix | | |

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

| | | |
|--------------------|------------------------|--------------------|
| SCREEN DATA | | |
| Diameter - Inches | Length - Feet | Slot Size - Inches |
| 4 | 10 | .014 |
| Screen Type | Depth to Bottom - Feet | |
| PVC slot | 112 | |

| | | | |
|--|---------------|----------------|--------------|
| 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 | | | |
| FEET | | | |
| IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE | | | |

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO | FORMATIONS (Continued) | FROM | TO |
|---------------------------------------|-----------|------------|------------------------|------|----|
| Red + White Clay | 0 | 15 | | | |
| Red Clay + Sand + Shell | 15 | 25 | | | |
| Red + White Clay + Sand | 25 | 40 | | | |
| White Sand + Clay | 40 | 95 | | | |
| White Sand | 95 | 122 | | | |

RECEIVED

APR 02 1999

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Office of Land & Water Resources

IF MORE SPACE IS NEEDED, USE BACK