

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

| | |
|---------------------|-------|
| COUNTY WELL LOCATED | |
| Bolivar | |
| WELL NUMBER | CODED |
| 3 | |
| DATE WELL COMPLETED | |
| 4/21/99 | |

| |
|------------------------------|
| PERMIT NUMBER |
| |
| NAME OF DRILLING FIRM |
| Layne-Central, a division of |
| Layne Christensen Company |

P. O. Box 10631
Jackson, MS 39289-0631

WATER WELL DRILLERS LOG

| | | | |
|---|-----------|--------------|-------|
| NAME & MAILING ADDRESS OF LANDOWNER | | | |
| Steamboat Farms | | | |
| P.O. Box 189 | | | |
| Shelby, MS 38774 | | | |
| WELL LOCATION | SEC | TOWNSHIP | RANGE |
| | 35 | 24 N | 6 W |
| DISTANCE | DIRECTION | NEAREST TOWN | |
| 4 1/2 Miles | South | of Shelby | |
| OTHER LANDMARK | | | |
| WELL PURPOSE Home, <u>Irrigation</u> , Municipal, Industrial, Fish Pond, etc. | | | |

| | | |
|---|---------------|-------------------------------------|
| PUMP DATA | | |
| PUMP TYPE (Circle One): | | |
| <u>Submersible</u> | Turbine, | Jet Flowing Well, |
| Other (Describe) | | |
| POWER TYPE (Circle One): | | |
| <u>Electric</u> | Tractor, | Diesel, Gasoline, Butane, |
| Other (Describe) | | |
| H/P <u>25</u> | | |
| Pump Capacity (GPM) | No. of Stages | Setting Depth |
| 1200 | 1 | 60 FT. |
| PUMP TEST | | |
| Well yielded <u>Not Tested</u> GPM with | | |
| a drawdown of _____ ft. | | |
| after _____ hours of pumping | | |

| | | |
|--|-----------------------|-----------------------------|
| WELL DATA | | |
| Well Depth | Casing Diameter (in.) | Casing Length (Ft.) |
| 118' | 10" | 78' |
| Type of Casing | Hole Depth | Depth to Static Water Level |
| PVC | 118' | 36' |
| TYPE OF COMPLETION: (Circle One or More): | | |
| <u>Gravel Packed</u> , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) | | |
| WELL GROUTED TO A DEPTH OF <u>10</u> FEET | | |
| Type Grout (circle one): <u>Cement</u> , Bentonite, or Mix | | |

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

| | | |
|--------------------|------------------------|--------------------|
| SCREEN DATA | | |
| Diameter - Inches | Length - Feet | Slot Size - Inches |
| 10" | 40' | .050 |
| Screen Type | Depth to Bottom - Feet | |
| PVC | 118' | |

| | | | |
|--|---------------|--|--------------|
| 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 |
|---------------------------------------|------|-----|
| Clay | 0 | 13 |
| Clay, Fine Sand | 13 | 23 |
| Fine Sand, Borderline | 23 | 33 |
| Borderline Sand | 33 | 43 |
| Borderline Sand | 43 | 73 |
| Borderline, Coarse Sand | 73 | 83 |
| Coarse Sand, Pea Gravel | 83 | 118 |
| | | |
| | | |
| | | |
| | | |

| FORMATIONS (Continued) | FROM | TO |
|--|------|----|
| RECEIVED | | |
| MAY 10 1999 | | |
| Dept. of Environmental Quality Office of Land & Water Resources | | |
| IF MORE SPACE IS NEEDED, USE BACK | | |