

M 2147

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 <u>DESOTO</u> | |
| WELL NUMBER <u>72</u> | CODED |
| DATE WELL COMPLETED <u>5-22-99</u> | |

| |
|---|
| PERMIT NUMBER |
| NAME OF DRILLING FIRM <u>SMITH WELL DRILLING SERV.</u> |

| | | | |
|---|------------|--------------|-------------|
| NAME & MAILING ADDRESS OF LANDOWNER <u>RUBY ROBERSON</u> | | | |
| <u>INGRAMS MILL</u> | | | |
| <u>WATSON RD</u> | | | |
| WELL LOCATION | SEC | TOWNSHIP | RANGE |
| | <u>Q78</u> | <u>T3 N</u> | <u>R5 E</u> |
| DISTANCE | DIRECTION | NEAREST TOWN | |
| | | | |
| OTHER LANDMARK | | | |
| WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <u>Home</u> | | | |

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

| | | |
|--|-----------------------|-----------------------------|
| Well Depth | Casing Diameter (In.) | Casing Length (Ft.) |
| <u>140</u> | <u>4</u> | <u>130</u> |
| Type of Casing | Hole Depth | Depth to Static Water Level |
| <u>PVC</u> | <u>140</u> | <u>75</u> |
| TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) <u>WASHED SAND</u> | | |
| WELL GROUTED TO A DEPTH OF <u>10</u> FEET | | |
| Type Grout (circle one): Cement, Bentonite, or Mix | | |

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

| | | |
|-------------------|------------------------|--------------------|
| SCREEN DATA | | |
| Diameter - inches | Length - Feet | Slot Size - inches |
| <u>4</u> | <u>10</u> | <u>14 TIPS</u> |
| Screen Type | Depth to Bottom - Feet | |
| <u>PVC</u> | <u>140</u> | |

| | | | |
|--|---------------|--|--------------|
| 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 |
|---------------------------------------|------------|------------|
| <u>BROWN CLAY</u> | <u>0</u> | <u>20</u> |
| <u>RED SAND</u> | <u>20</u> | <u>30</u> |
| <u>PEA GRAVEL</u> | <u>30</u> | <u>55</u> |
| <u>WHITE SAND + CLAY</u> | <u>55</u> | <u>110</u> |
| <u>WHITE SAND</u> | <u>110</u> | <u>140</u> |

| FORMATIONS (Continued) | FROM | TO |
|--|------|----|
| RECEIVED | | |
| JAN 07 1999 | | |
| Dept. of Environmental Quality Office of Land & Water Resources | | |
| IF MORE SPACE IS NEEDED, USE BACK | | |