

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>JONE</u> | |
| WELL NUMBER <u>80</u> | CODED |
| DATE WELL COMPLETED <u>8-25-99</u> | |

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

| | | |
|--|------------|--------------|
| NAME & MAILING ADDRESS OF LANDOWNER <u>KELLY FLOWERS</u> <u>DAVID RD</u> <u>OLD WATER, MS</u> | | |
| WELL LOCATION: SEC | TOWNSHIP | RANGE |
| <u>H-8</u> | <u>T-5</u> | <u>R-70</u> |
| DISTANCE | DIRECTION | NEAREST TOWN |
| _____ Miles | _____ of | _____ |
| OTHER LANDMARK | | |
| WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <u>HOME</u> | | |

| | | |
|---|----------------------------|---------------------------------|
| 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>3/4</u> | | |
| Pump Capacity (GPM) <u>12</u> | No. of Stages <u>10</u> | Setting Depth <u>100</u> FT. |
| PUMP TEST | | |
| Well yielded <u>12</u> GPM with a drawdown of <u>2</u> ft. after <u>1</u> hours of pumping | | |

| | | |
|--|------------------------------------|--|
| WELL DATA | | |
| Well Depth <u>183</u> | Casing Diameter (In.) <u>4"</u> | Casing Length (Ft.) <u>173</u> |
| Type of Casing <u>PVC</u> | Hole Depth <u>183</u> | Depth to Static Water Level <u>80</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): <u>Cement</u> , Bentonite, or Mix | | |

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

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|--------------------------------|--------------------------------------|--------------------------------------|
| SCREEN DATA | | |
| Diameter - Inches <u>4"</u> | Length - Feet <u>10</u> | Slot Size - Inches <u>14 TAPS</u> |
| Screen Type <u>PVC</u> | Depth to Bottom - Feet <u>183</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>TOP SOIL</u> | <u>0</u> | <u>20</u> |
| <u>RED SAND & GRAVEL</u> | <u>20</u> | <u>60</u> |
| <u>GREY CLAY</u> | <u>60</u> | <u>160</u> |
| <u>WHITE SAND</u> | <u>160</u> | <u>183</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 | | |

