

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>151</u> | CODED |
| M-2160 | |
| DATE WELL COMPLETED <u>3-30-00</u> | |

| |
|---|
| PERMIT NUMBER |
| NAME OF DRILLING FIRM <u>SMITH WEL</u> |
| <u>DRILLING + SEW.</u> |

| | | | |
|--|------------|----------------|----------|
| NAME & MAILING ADDRESS OF LANDOWNER <u>HAWKS INVESTMENTS</u> | | | |
| <u>LOT 21 HONEY RIDGE</u> | | | |
| <u>HWY 305 + COUNTRY LANE</u> | | | |
| WELL LOCATION | SEC | TOWNSHIP | RANGE |
| <u>P-35</u> | <u>T-3</u> | <u>R-6</u> | <u>E</u> |
| DISTANCE | DIRECTION | NEAREST TOWN | |
| <u>4</u> Miles | <u>S</u> | <u>COCKRUM</u> | |
| OTHER LANDMARK | | | |
| WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <u>Home</u> | | | |

| | | |
|--|---------------|----------------|
| 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) _____ | | |
| Pump Capacity (GPM) | No. of Stages | Setting Depth |
| <u>12</u> | <u>11</u> | <u>140</u> FT. |
| PUMP TEST | | |
| Well yielded <u>15</u> GPM with a drawdown of <u>1</u> ft. after <u>1</u> hours of pumping | | |

| | | |
|--|----------------------|-----------------------------|
| WELL DATA | | |
| Well Depth | Casing Diameter (in) | Casing Length (Ft) |
| <u>210</u> | <u>4"</u> | <u>200</u> |
| Type of Casing | Hole Depth | Depth to Static Water Level |
| <u>PVC</u> | <u>210</u> | <u>130</u> |
| TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) <u>WASHER SAND</u> | | |
| WELL GROUTED TO A DEPTH OF <u>10</u> FEET Type Grout (circle one): <input checked="" type="checkbox"/> Cement, <input type="checkbox"/> Bentonite, or Mix | | |

| | |
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| LOG DATA | |
| TYPE OF LOG RUN (Circle One): <input type="checkbox"/> Electric, <input type="checkbox"/> Gamma Ray, <input type="checkbox"/> Density, <input type="checkbox"/> Sonic, <input type="checkbox"/> Neutron, <input type="checkbox"/> Other (Describe) _____ | |
| Name of Organization Running Log | |

| | | |
|-------------------|------------------------|--------------------|
| SCREEN DATA | | |
| Diameter - Inches | Length - Feet | Slot Size - Inches |
| <u>4"</u> | <u>10'</u> | <u>14 THOUS</u> |
| Screen Type | Depth to Bottom - Feet | |
| <u>PVC</u> | <u>210</u> | |

| | | | |
|---|---------------|----------------|--------------|
| GEOLOGIC DATA (Office Use Only) | | | |
| Surface Elev | Geologic Unit | Unit Thickness | Depth to Top |
| Subs SWL | Date | Analysis | Aquifer Test |
| Driller's Remarks | | | |
| RECEIVED | | | |
| 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 |
|---------------------------------------|-----------|------------|---|------------|------------|
| <u>TOP SOIL</u> | <u>0</u> | <u>10</u> | <u>Dept of Environmental Quality</u> | <u>180</u> | <u>181</u> |
| <u>RED & YELLOW CLAY</u> | <u>10</u> | <u>40</u> | <u>Office of Land & Water Resources</u> | <u>181</u> | <u>190</u> |
| <u>RED SAND + GRAVEL</u> | <u>40</u> | <u>60</u> | <u>WHITE CLAY</u> | <u>190</u> | <u>210</u> |
| <u>WHITE CLAY</u> | <u>60</u> | <u>90</u> | | | |
| <u>WHITE CLAY + SAND</u> | <u>90</u> | <u>180</u> | | | |
| | | | | | |
| | | | | | |

IF MORE SPACE IS NEEDED, USE BACK