

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 <i>Newton</i> | |
| WELL NUMBER <i>H 2023</i> | CODED |
| DATE WELL COMPLETED <i>2/19/97</i> | |

| |
|---|
| PERMIT NUMBER |
| NAME OF DRILLING FIRM <i>McDonald & Hill Inc</i> |
| <i>Murrian, ms 393</i> |

| | | |
|--|-----------|---------------|
| NAME & MAILING ADDRESS OF LANDOWNER <i>Wendell Smith</i> | | |
| <i>8586 - Chunky Duffee</i> | | |
| <i>Little Rock, Miss 39337</i> | | |
| WELL LOCATION: | SEC | TOWNSHIP |
| | <i>15</i> | <i>7</i> |
| | | RANGE |
| | | <i>13</i> |
| DISTANCE | DIRECTION | NEAREST TOWN |
| <i>3</i> Miles | <i>SW</i> | <i>Duffee</i> |
| OTHER LANDMARK <i>Chicken Houses</i> | | |
| WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. | | |

| | | | |
|--|-------------------------------|------------------------------|------------------------------------|
| PUMP DATA | | | |
| PUMP TYPE (Circle One): | | | |
| <input checked="" type="radio"/> Submersible | <input type="radio"/> Turbine | <input type="radio"/> Jet | <input type="radio"/> Flowing Well |
| Other (Describe) _____ | | | |
| POWER TYPE (Circle One): | | | |
| <input checked="" type="radio"/> Electric | <input type="radio"/> Tractor | <input type="radio"/> Diesel | <input type="radio"/> Gasoline |
| <input type="radio"/> Other (Describe) | <input type="radio"/> Butane | | |
| H/P _____ | | | |
| Pump Capacity (GPM) | No. of Stages | Setting Depth | |
| <i>30</i> | <i>19</i> | <i>220</i> FT. | |
| PUMP TEST | | | |
| Well yielded <i>30</i> GPM with | | | |
| a drawdown of <i>25</i> ft. | | | |
| after <i>3</i> hours of pumping | | | |

| | | |
|------------------------------|------------------------------------|--|
| WELL DATA | | |
| Well Depth <i>300'</i> | Casing Diameter (In.) <i>4"</i> | Casing Length (Ft.) <i>242"</i> |
| Type of Casing <i>PVC</i> | Hole Depth | Depth to Static Water Level <i>194'</i> |

TYPE OF COMPLETION: (Circle One or More):

Gravel Packed, Underreamed, Telescoped,
 Natural Development, Open Hole, Other
(Describe) _____

WELL GROUTED TO A DEPTH OF _____ FEET
Type Grout (circle one): Cement, Bentonite, or Mix

| | | |
|--------------------------------|----------------------------|---------------------------------|
| SCREEN DATA | | |
| Diameter - Inches <i>2"</i> | Length - Feet <i>30</i> | Slot Size - Inches <i>76</i> |
| Screen Type <i>PVC</i> | Depth to Bottom - Feet | |

| | |
|-------------------------------------|-----------------------------------|
| LOG DATA | |
| TYPE OF LOG RUN (Circle One): | |
| <input 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 | |

| | | | |
|---|---------------|--|--------------|
| GEOLOGIC DATA (Office Use Only) | | | |
| Surface Elev. | Geologic Unit | Unit Thickness | Depth to Top |
| Subs. SWL | Date | Analysis | Aquifer Test |
| Drill Log Remarks <i>10' - 2" PVC</i> <i>1-2" back pressure valve</i> <i>1-4x2 Rubber Seal</i> 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 |
|---------------------------------------|------------|------------|
| <i>Clay & Sand</i> | <i>0</i> | <i>12</i> |
| <i>Shale</i> | <i>12</i> | <i>35</i> |
| <i>Clay</i> | <i>35</i> | <i>60</i> |
| <i>Coarse Sand</i> | <i>60</i> | <i>92</i> |
| <i>Sandy st Rock</i> | <i>92</i> | <i>100</i> |
| <i>Rock & Shale</i> | <i>100</i> | <i>176</i> |
| <i>#12 Sand</i> | <i>176</i> | <i>206</i> |
| <i>st Sandy shale</i> | <i>206</i> | <i>270</i> |
| <i>Coarse Sand</i> | <i>270</i> | <i>300</i> |

| FORMATION ENCOUNTERED | FROM | TO |
|--|------|----|
| RECEIVED | | |
| MAR 07 1997 | | |
| Dept. of Environmental Quality Office of Land & Water Resources | | |
| IF MORE SPACE IS NEEDED, USE BACK | | |

