

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>Lauderdale</u> | |
| WELL NUMBER <u>0-139</u> | CODED |
| DATE WELL COMPLETED <u>8/1/03</u> | |

| |
|---|
| PERMIT NUMBER |
| NAME OF DRILLING FIRM <u>Mid-South Drilling Co. Inc.</u> |

| | | | |
|---|-------------|-----------------|-----------|
| NAME & MAILING ADDRESS OF LANDOWNER <u>Daniel Johnston</u> <u>2801 Niles Rd.</u> <u>Columbus, MS 39705</u> | | | |
| Latitude: Longitude: | | | |
| WELL LOCATION | SEC | TOWNSHIP | RANGE |
| | <u>32SE</u> | <u>17</u> | <u>18</u> |
| | | <u>N</u> | <u>E</u> |
| DISTANCE | DIRECTION | NEAREST TOWN | |
| | <u>in</u> | <u>Columbus</u> | |
| OTHER LANDMARK | | | |
| WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <u>Irrigation</u> | | | |

| | | |
|--|--|--|
| PUMP DATA | | |
| PUMP TYPE (Circle One): Submersible, Turbine, Jet, Flowing Well, Other (Describe) _____ | | |
| POWER TYPE (Circle One): Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ H/P _____ | | |

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO |
|---------------------------------------|------------|------------|
| <u>clay</u> | <u>0</u> | <u>12</u> |
| <u>sand</u> | <u>12</u> | <u>30</u> |
| <u>clay</u> | <u>30</u> | <u>70</u> |
| <u>sandy clay</u> | <u>70</u> | <u>148</u> |
| <u>clay</u> | <u>148</u> | <u>170</u> |
| <u>sand</u> | <u>170</u> | <u>185</u> |
| <u>clay w/sand streaks</u> | <u>185</u> | <u>220</u> |
| <u>sand w/clay streaks</u> | <u>220</u> | <u>230</u> |
| <u>sand</u> | <u>230</u> | <u>250</u> |
| <u>clay w/sand streaks</u> | <u>250</u> | <u>264</u> |
| <u>sand w/clay streaks</u> | <u>264</u> | <u>281</u> |
| <u>clay</u> | <u>281</u> | <u>290</u> |
| <u>sand w/clay streaks</u> | <u>290</u> | <u>297</u> |
| <u>clay</u> | <u>297</u> | <u>300</u> |

| | | |
|--|------------------------------------|---|
| WELL DATA | | |
| Well Depth <u>300'</u> | Casing Diameter (In.) <u>4"</u> | Casing Length (Ft.) <u>165'</u> |
| Type of Casing <u>PVC</u> | Hole Depth <u>300'</u> | Depth to Static Water Level <u>75'</u> |
| TYPE OF COMPLETION: (Circle One or More): Case Drilled Underreamed, Telescoped, Natural Development, <u>Open Hole</u> , Other (Describe) _____ | | |
| WELL GROUTED TO A DEPTH OF <u>10</u> FEET Type Grout (circle one): <u>Cement</u> , Bentonite, or Mix | | |

| | | |
|--------------------|------------------------|--------------------|
| SCREEN DATA | | |
| Diameter - Inches | Length - Feet | Slot Size - Inches |
| | | |
| Screen Type | Depth to Bottom - Feet | |
| | | |

| | |
|--|--|
| RECEIVED | |
| SEP 02 2003 | |
| BY: OLWR | |
| Top of Lap Pipe or Reduction in Casing | FEET |
| | IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE |

I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

David C. Brown 0-654
Signature of Licensed Driller and License No.

8-12-03
Date

Additional Information Required On Back

If well telescopes please sketch and show depths.

GROUND LEVEL

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |
| | | | |

SECTION 32

Please indicate well location X.

| | | | |
|--|---------------|---------------|-----|
| Pump Capacity (GPM) | No. of Stages | Setting Depth | FT. |
| | | | |
| PUMP TEST | | | |
| Well yielded _____ GPM with a drawdown of _____ ft. after _____ hours of pumping | | | |

LOG DATA

TYPE OF LOG RUN (Circle One): No Log Run
Electric, Gamma Ray, Density, Sonic, 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 |

Driller's Remarks

If more than one screen,
show location of each on sketch.