

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>SIMPSON</i> | |
| WELL NUMBER <i>M-0027</i> | CODED |
| <i>M-27</i> | |
| DATE WELL COMPLETED <i>6/7/04</i> | |

| |
|--------------------------------------|
| PERMIT NUMBER |
| NAME OF DRILLING FIRM <i>MDEQ</i> |
| <i>Office of Geology</i> |

| | | | |
|--|-----------|--------------|-----------|
| NAME & MAILING ADDRESS OF LANDOWNER <i>Glenn Berry</i> | | | |
| <i>428 Lower Rockport Rd.</i> | | | |
| <i>New Hebron, MS 39140</i> | | | |
| Latitude: <i>314756 N</i> | | | |
| Longitude: <i>900731 W</i> | | | |
| WELL LOCATION | SEC | TOWNSHIP | RANGE |
| | <i>28</i> | <i>10</i> | <i>21</i> |
| | | <i>N</i> | <i>E</i> |
| DISTANCE | DIRECTION | NEAREST TOWN | |
| | | | |
| OTHER LANDMARK <i>E/2, SW/4, SW/4, SW/4</i> | | | |
| WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc. <i>Test Hole</i> | | | |

| PUMP DATA | | |
|--|--|------------|
| PUMP TYPE (Circle One): Submersible, Turbine, Jet, Flowing Well, Other (Describe) _____ | | |
| POWER TYPE (Circle One): Electric, Tractor, Diesel, Gasoline, Butane, Other (Describe) _____ | | |
| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO |
| <i>Top Soil</i> | <i>0</i> | <i>5</i> |
| <i>Gravel</i> | <i>5</i> | <i>37</i> |
| <i>Rock, claystone</i> | <i>37</i> | <i>43</i> |
| <i>Clay w/ silt</i> | <i>43</i> | <i>163</i> |
| <i>Fine Sand</i> | <i>163</i> | <i>183</i> |
| <i>Clay w/ silt</i> | <i>183</i> | <i>444</i> |
| <i>Fine Sand</i> | <i>444</i> | <i>452</i> |
| <i>Clay</i> | <i>452</i> | <i>458</i> |
| <i>Sand</i> | <i>458</i> | <i>478</i> |
| <i>Clay</i> | <i>478</i> | <i>498</i> |
| <i>Soft clay</i> | <i>498</i> | <i>502</i> |
| | | |
| | | |
| RECEIVED | | |
| JUN 18 2004 | | |
| RV OLWR | | |
| Top of Lap Pipe or Reduction in Casing | | |
| FEET | IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE | |

| WELL DATA | | |
|----------------|-----------------------|-----------------------------|
| Well Depth | Casing Diameter (In.) | Casing Length (Ft.) |
| | | |
| Type of Casing | Hole Depth | Depth to Static Water Level |
| | <i>502'</i> | |

TYPE OF COMPLETION: (Circle One or More):
 Gravel Packed, Underreamed, Telescoped,
 Natural Development, Open Hole, Other
 (Describe) _____

WELL GROUTED TO A DEPTH OF *502* FEET
 Type Grout (circle one): Cement, Bentonite, or Mix

| SCREEN DATA | | |
|-------------------|------------------------|--------------------|
| Diameter - Inches | Length - Feet | Slot Size - Inches |
| | <i>NA</i> | |
| Screen Type | Depth to Bottom - Feet | |
| | | |

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.

Ark McKey *0-535*
 Signature of Licensed Driller and License No.

6/8/04
 Date

If well telescopes please sketch and show depths.

GROUND LEVEL

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

SECTION _____

Please indicate well location X.

| | | | |
|--|---------------|---------------|-----|
| Pump Capacity (GPM) | No. of Stages | Setting Depth | FT. |
| | | | |
| PUMP TEST | | | |
| Well yielded <u>NA</u> 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) <u>Geology</u> |
| Name of Organization Running Log | |
| <u>Office of Geology</u> | |

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.