

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 Harrison | |
| WELL NUMBER F-412 | CODED |
| DATE WELL COMPLETED 01-02-03 | |

| |
|--|
| PERMIT NUMBER 0239 |
| NAME OF DRILLING FIRM McGill Pump. |
| Well |

| | | | |
|---|--------------|--------------|---------------|
| NAME & MAILING ADDRESS OF LANDOWNER Gary Simpson | | | |
| 14496 McDaniel Lane | | | |
| Latitude: Longitude: WTP, Miss 39503 | | | |
| WELL LOCATION | SEC | TOWNSHIP | RANGE |
| | 30 | 6 | S 12 W |
| DISTANCE | DIRECTION | NEAREST TOWN | |
| 1.5 | North | WTP | |
| OTHER LANDMARK Hwy 53 West, to McDaniel | | | |
| WELL PURPOSE: <input checked="" type="checkbox"/> Irrigation, <input type="checkbox"/> Municipal, <input type="checkbox"/> Industrial, <input type="checkbox"/> Fish Pond, etc. WTP | | | |

| | | | |
|---|--|--|--|
| 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) _____ H/P | | | |

| DESCRIPTION OF FORMATIONS ENCOUNTERED | FROM | TO |
|---------------------------------------|------------|------------|
| Yellow SAND | 0 | 20 |
| " " | 20 | 40 |
| SAND BLUE | 40 | 60 |
| " " | 60 | 100 |
| SAND / MUD BLUE | 100 | 140 |
| SAND / MUD BLUE | 140 | 480 |
| MUD / SAND BLUE | 500 | 580 |
| SAND / BLUE | 600 | 620 |

| | | |
|---|-------------------------------------|-----------------------------------|
| WELL DATA | | |
| Well Depth 620 | Casing Diameter (In.) 4x2 | Casing Length (Ft.) 600 |
| Type of Casing PVC | Hole Depth 620 | Depth to Static Water Level |
| TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed, <input type="checkbox"/> Underreamed, <input type="checkbox"/> Telescoped, <input checked="" type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other (Describe) _____ | | |
| WELL GROUTED TO A DEPTH OF 10 FEET Type Grout (circle one): <input checked="" type="checkbox"/> Cement, <input type="checkbox"/> Bentonite, or Mix | | |

| | | |
|------------------------------------|--------------------------------------|-----------------------------------|
| SCREEN DATA | | |
| Diameter - Inches 2 inch | Length - Feet 20 feet | Slot Size - Inches 0004 |
| Screen Type PVC | Depth to Bottom - Feet 620 | |

| | |
|--|--|
| RECEIVED | |
| JAN 31 2003 | |
| BY: OLWR | |
| Top of Lap Pipe or Reduction in Casing | IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE |
| 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.

Michel McGill
Signature of Licensed Driller and License No. **0239**

01-21-03
Date

Additional Information Required On Back

If well telescopes please sketch and show depths.

GROUND LEVEL

200' - 4 inch
420' - 2 "

| | | | |
|--|--|---|--|
| | | | |
| | | X | |
| | | | |
| | | | |

SECTION _____

Please indicate well location X.

| | | | |
|--|---|---------------|---------|
| Pump Capacity (GPM) | 8 | Setting Depth | 130 FT. |
| PUMP TEST | | | |
| Well yielded <u>18</u> GPM with a drawdown of <u>14</u> ft. after <u>24 hrs</u> 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.