WELL SCHEDULE

FIPS: 121
WELL: L80
LOG NO.: ________

Recorded by: PP Data Source: Driller's log Date: 11/20/01
County: Rankin Permit No.: GW15373 DOH No.: 0610003-09
Quad: Brandon Elevation: 495

¼ NE ¼ NE ¼ SW ¼ NW Sec.: 15 T: S N R: 3 E

Plotted on quad?: ______ In field? ______ From drillers log? ______ From permit? ______
Latitude: 32° 16' 48.8" Longitude: 89° 59' 3.5" GPS? 11/21/99 From Quad? ______
Primary aquifer: SPRT Secondary aquifer: ______
Use: M W Well status: Active Local well name: North St. well
Owner: City of Brandon

Date completed: 8/6/99 Driller: Herndon Well depth: 1511 Hole Depth: 1520
Pump type: Turbine Power type: Electric Pump capacity: 838 gpm

Casing interval: 0 - 1415 g Casing length: 1415 Casing diameter: 14

Casing interval: 1326 - 1441 Casing length: 115 Casing diameter: 8

Casing interval: 996 to -1016 ms1 Screen length: 71 Screen diameter: 8

Screen interval: 14410 - 15112 g Screen length: ______ Screen diameter: ______

Type of logs: ______ Log interval: ______

Initial water level: ______ Date: ______ M.P. description: ______

Water Quality Data? ______ Source: ______ Reliability: ______
Water Level Data? ______ Source: ______ Reliability: ______
Pump Test Data? ______ Source: ______ Reliability: ______
Water Use Data? ______ Source: ______ Reliability: ______
## MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Office of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

### WELL DATA

**COUNTY-WELL LOCATED**
- Rankin
- Well Number: 280
- Name of Drilling Firm: Herndon Well & Supply
- P.O. Box 15375
- Name & Mailing Address of Landowner: City of Brandon
- P.O. Box 1539
- Brandon, MS 39042

**DATE WELL COMPLETED**
- 08-06-99
- PEARL, MS.

**DISTANCE**
- From Nearest Town: [ ]
- Direction: [ ]
- Bearing: [ ]

**OTHER LANDMARK**
- [ ]

**WELL PURPOSE**
- [ ] Home
- [ ] Irrigation
- [ ] Municipal
- [ ] Industrial
- [ ] Farm
- [ ] Other: [ ]

### MUNICIPAL

- **WELL DEPTH**
  - 1510.90 ft
- **Casing Diameter (in.)**
  - 14
- **Casing Length (ft)**
  - 1415
- **Type of Casing**
  - Steel
- **Mud Depth**
  - 1550 ft
- **Type of Completion (Circle One or More)**
  - Gravel Pack
  - Underscreened
  - Natural Development
  - Open Hole
  - Other (Describe)
  - [ ]

### WELL GROUTED TO A DEPTH OF 1415 FEET
- Type Grout (circle one): Cement, Bentonite, or Mix

### SCREEN DATA
- **Diameter - inches**
  - 8
- **Length - feet**
  - 70.93
- **Slot Size - inches**
  - 0.20
- **Screen Type**
  - Wire Wrapped SS
- **Depth in Bottom - Feet**
  - 1510.90

### PUMP DATA
- **PUMP TYPE (Circle One)**
  - Submersible
  - Jet
  - Flowing Well
- **Other (Describe)**
  - [ ]
- **POWER TYPE (Circle One)**
  - Electric
  - Tractor
  - Diesel
  - Gasoline, Butane
- **Other (Describe)**
  - [ ]
- **MOTOR**
  - HP 280
- **Pump Capacity (GPM)**
  - 838
- **No of Stages**
  - 9
- **Searing Depth**
  - 540 ft

### PUMP TEST
- Well yielded 838 GPM with a drawdown of 40 ft after 6 hours of pumping

### LOG DATA
- **TYPE OF LOG RUN (Circle One):**
  - No Log Run
  - (Electric)
  - Gamma Ray
  - Density
  - Sonic
  - Neutron
- **Other (Describe)**
  - [ ]

### GEOLOGIC DATA (Office Use Only)
- **Name of Organization Running Log**
  - MS Office of Geology

### SCREEN DESCRIPTION

<table>
<thead>
<tr>
<th>FORMATION ENCOUNTERED</th>
<th>FROM</th>
<th>TO</th>
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<tbody>
<tr>
<td>red clay</td>
<td>0</td>
<td>30</td>
</tr>
<tr>
<td>green clay</td>
<td>30</td>
<td>175</td>
</tr>
<tr>
<td>shale</td>
<td>175</td>
<td>620</td>
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<tr>
<td>sandy clay</td>
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<td>650</td>
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<tr>
<td>clay</td>
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<td>680</td>
</tr>
<tr>
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<td>sand</td>
<td>1285</td>
<td>1350</td>
</tr>
</tbody>
</table>

(Note: If more space is needed, use back page.)
If well telescopes please sketch and show depths.

GROUND LEVEL

If more than one screen, show location of each on sketch.
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT
GPS LOG

UNIT DEQ #:  ___________________________  FILE #:  R147160
HEALTH DEPT. #:  b10003-04  ELEV. 495
USGS #:  L80  OLWR #:  GW15373
OWNER:  City of Brandon  QUAD:  Brandon
LOCATION:  SW / NW  S15 T5N R3E  COUNTY:  Rankin
LOCATION DESCRIPTION:  In fenced area on North St. in Brandon

CASING DIA:  ________  PUMP TYPE & SIZE:  Turbine; 200 HP
GPS FIELD LOCATION:  LAT. 32° 16' 49.1"  LONG. 89° 59' 03.7"
GPS CORRECTED LOCATION:  LAT. 32.280216  LONG. 89.984311
REMARKS:  ____________________________________________

____________________________________________________________________________________