WELL SCHEDULE

FIPS: 49
WELL: H201
LOG NO.: 

Recorded by: Phillips Data Source: Permit
Driller's log Date: 5/7/03

County: Hinds Permit No.: GW15479 DOH No.: 
Quad: Ridgeland Elevation: 340'
1/4: SE 1/4: SE 1/4: NE Sec.: 8 T: 6N R: 1E

Plotted on quad?: In field? From drillers log? From permit? 

Latitude: 32 22 42 Longitude: 90 13 06 GPS? 4/19/03 From Quad? 

Primary aquifer: Munxy Secondary aquifer: 
Use: IN Well status: Active Local well name: Well #3
Owner: Two Twenty (220) Partnership (Duke Energy)

Date completed: 7/7/00 Driller: Griner Drilling Well depth: 1680 Hole Depth: 1799
Pump type: Turbine Power type: Electric Pump capacity: 700 gpm
Casing interval: 0-1550' Casing length: 1550' Casing diameter: 20"
Casing interval: 1470'-1560' Casing length: 90' Casing diameter: 11"
Screen interval: 1560'-1680' Screen length: 120' Screen diameter: 11"
Screen interval: Screen length: Screen diameter: 

Type of logs: E, GR. Log interval: 

Initial water level: 120.43 Date: 7/7/00 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**

<table>
<thead>
<tr>
<th>COUNTY WELL LOCATED</th>
<th>Hinds</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WELL NUMBER</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>CODED</strong></td>
<td>4-20</td>
</tr>
<tr>
<td><strong>DATE WELL COMPLETED</strong></td>
<td>07-07-00</td>
</tr>
</tbody>
</table>

**NAME & MAILING ADDRESS OF LANDOWNER**

Duke Energy Hinds, L.L.C.

PO BOX 9427

JACKSON MS 39286

**WELL LOCATION**

SEC: 8

TOWNSHIP: 6

RANGE: 1 W

**DISTANCE** | 3 Miles

**DIRECTION** | west of I-55

**OTHER LANDMARK**

Beasley Road

**WELL PURPOSE** Home, Irrigation, Municipal, Industrial, Fish Pond, etc.

**INDUSTRIAL WELL DATA**

- **Well Depth**: 1680' 20
- **Casing Diameter (in)**: 1550
- **Type of Casing**: Steel 1680'
- **Type of Completion**: Gravel Packed
- **Well Grouted to a Depth of**: 1550 FEET
- **Type Grout (circle one)**: Cement, Bentonite, or (Mix)

**SCREEN DATA**

- **Diameter - Inches**: 10 3/4
- **Length - Feet**: 120
- **Slot Size - Inches**: 0.016
- **Screen Type**: 304 stainless
- **Depth to Bottom - Feet**: 1680

**DESCRIPTION OF FORMATIONS ENCOUNTERED**

- **Surface casing**
- **Clay 63 282**
- **Clay w/ sand streaks 282 314**
- **Clay w/ lignite & clay streaks 314 345**
- **Sand w/ lignite streaks 345 377**
- **Clay w/ sand streaks 377 441**
- **Sand 441 472**
- **Clay w/ sand streaks 472 504**
- **Sand and clay mixed 504 536**
- **Clay 536 567**
- **Clay w/ sand & lignite streaks 567 599**

**FORMATIONS (Continued)**

- **sand and clay mixed 599 631**
- **Clay 631 788**
- **Clay and sand mixed 788 819**
- **Sand streaks 819 883**
- **Soft clay 883 914**
- **Clay w/ sand streaks 914 945**
- **Sand 945 977**
- **Sand w/ clay streaks 977 1008**
- **Sand and clay mixed 1008 1040**
- **Sand 1040 1072**

**PUMP DATA**

- **PUMP TYPE (Circle One)**: Submersible, Jet
- **Power TYPE (Circle One)**: Electric, Diesel
- **Pump Capacity (GPM)**: 700
- **No of Stages**: 10
- **Setting Depth**: 763.38 FT

**PUMP TEST**

- **Well yielded 700 GPM with a drawdown of 136.9 ft. after 38 hours of pumping**

**TYPE OF LOG RUN (Circle One)**: No Log Run

- **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**

No. 3

**TOP OF LAP PIPE OR REDUCTION IN CASING**

1470 FEET

**RECEIVED**

3-14-01

IF TELESCEPCED OR MORE THAN ONE SCREEN USE BACK PAGE
### GROUND LEVEL

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand w/ clay streaks</td>
<td>1072</td>
<td>1103</td>
</tr>
<tr>
<td>sand &amp; clay mixed</td>
<td>1103</td>
<td>1167</td>
</tr>
<tr>
<td>sand and clay streaks</td>
<td>1167</td>
<td>1199</td>
</tr>
<tr>
<td>clay</td>
<td>1199</td>
<td>1326</td>
</tr>
<tr>
<td>hard clay</td>
<td>1326</td>
<td>1356</td>
</tr>
<tr>
<td>hard clay and sand</td>
<td>1356</td>
<td>1388</td>
</tr>
<tr>
<td>clay</td>
<td>1388</td>
<td>1450</td>
</tr>
<tr>
<td>clay and sand mixed</td>
<td>1450</td>
<td>1482</td>
</tr>
<tr>
<td>clay - red</td>
<td>1482</td>
<td>1513</td>
</tr>
<tr>
<td>clay and sand streaks</td>
<td>1513</td>
<td>1545</td>
</tr>
<tr>
<td>clay and sand streaks</td>
<td>1545</td>
<td>1577</td>
</tr>
<tr>
<td>clay and sand streaks</td>
<td>1577</td>
<td>1609</td>
</tr>
<tr>
<td>clay and sand streaks</td>
<td>1609</td>
<td>1640</td>
</tr>
<tr>
<td>sand &amp; clay streaks</td>
<td>1640</td>
<td>1704</td>
</tr>
<tr>
<td>sand &amp; clay streaks</td>
<td>1704</td>
<td>1736</td>
</tr>
<tr>
<td>clay</td>
<td>1736</td>
<td>1799</td>
</tr>
</tbody>
</table>

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

GPS LOG

USER NAME (S) : RLB  PG  DATE : 4-14-2003

UNIT DEQ # : ____________________  FILE # : ____________________

HEALTH DEPT. # : ____________________  ELEVATION : 

USGS # : H201  OLWR # : GW15479

OWNER : 220 PARTNERSHIP/DUKE

QUAD : JACKSON

LOCATION : ___________ S ______ T _______ R ___ COUNTY: HINDS

LOCATION DESCRIPTION : IN BACK OF PLANT ON RIGHT SIDE LOOKING NORTH

CASING DIA :  PUMP TYPE & SIZE :

GPS FIELD LOCATION : LAT. 32.37816  LONG. 90.21831

GPS CORRECTED LOCATION : LAT.  LONG.

REMARKS : P000872  WELL NO. 3