**WELL SCHEDULE**

Recorded by: Phillips  
Data Source: Driller's log  
Date: 5/12/03

County: Rankin  
Permit No.: GW15549  
DOH No.: 0610075-OR

Quad: Jackson SE  
Elevation: 277

1/4: SW 1/4: NW 1/4: SE 1/4: SW Sec.: 38  
T: 6N  R: 2E

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

Latitude: 32°19.42'  
Longitude: 90°06.10'  
GPS?: 6/10/02  
From Quad?:

Primary aquifer: SPRT  
Secondary aquifer: 

Use: MU  
Well status:  
Local well name: 

Owner: City of Flowood

Data completed: 7/17/01  
Driller: Herndon  
Well depth: 900  
Hole Depth: 905

Pump type: Turbine  
Power type: Electric  
Pump capacity: 1600 gpm

Casing interval: 0 - 7100'  
Casing length: 7100'  
Casing diameter: 10"

Casing interval: 703 - 798  
Casing length: 95  
Casing diameter: 10"

Screen interval: 798' - 900'  
Screen length: 102'  
Screen diameter: 10"

Initial water level: 248'  
Date: 7/17/01  
M.P. description: 

Water Quality Data?  
Source:  
Reliability: 

Water Level Data?  
Source:  
Reliability: 

Pump Test Data?  
Source:  
Reliability: 

Water Use Data?  
Source:  
Reliability: 

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## 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>CITY OF FLOWOOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>P.O. BOX 320069 FLOWOOD</td>
</tr>
</tbody>
</table>

### PUMP DATA

- PUMP TYPE (Circle One):
  - Submersible
  - Turbine
  - Jet
  - Flowing Well
  - Other (Describe)

- POWER TYPE (Circle One):
  - Electric
  - Tractor
  - Diesel
  - Gasoline
  - Butane
  - Other (Describe)

- HP: 150

### DESCRIPTION OF FORMATIONS ENCOUNTERED

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>brown clay</td>
<td>0</td>
<td>30</td>
</tr>
<tr>
<td>clay</td>
<td>30</td>
<td>114</td>
</tr>
<tr>
<td>shell</td>
<td>114</td>
<td>145</td>
</tr>
<tr>
<td>sandy clay</td>
<td>145</td>
<td>290</td>
</tr>
<tr>
<td>sand</td>
<td>290</td>
<td>400</td>
</tr>
<tr>
<td>clay</td>
<td>400</td>
<td>690</td>
</tr>
<tr>
<td>sand</td>
<td>690</td>
<td>905</td>
</tr>
<tr>
<td>clay</td>
<td>905</td>
<td></td>
</tr>
</tbody>
</table>

### WELL DATA

- Type of Casing: Steel
- Casing Diameter (In.): 16
- Casing Length (Ft): 760
- Depth of Casing: 248' (Ft)
- Hole Depth: 760
- Depth to Static Water Level: 248'
- WELL GROUTED TO A DEPTH OF 760 FEET
- Type Grout (circle one): Cement, Bentonite, or Mix

### SCREEN DATA

- Diameter - Inches: 10
- Length - Feet: 101.56
- Slot Size - Inches: 0.25
- Screen Type: JOHNSON
- Depth to Screen - Feet: 900

### 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.

**Signature of Licensed Driller and License No.**

**Date:** 6-19-02

Additional Information Required On Back
If well telescopes please sketch and show depths.

GROUND LEVEL

SECTION
Please indicate well location X.

<table>
<thead>
<tr>
<th>Pump Capacity (GPM)</th>
<th>No. of Stages</th>
<th>SETTING DEPTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>1026</td>
<td>7</td>
<td>372 FT.</td>
</tr>
</tbody>
</table>

PUMP TEST
Well yielded 1026 GPM with a drawdown of 49 ft. after 6 hours of pumping.

LOG DATA
TYPE OF LOG RUN (Circle One): 1 No Log Run, Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe)

Name of Organization Running Log

Dept. of Geology

GEOLOGIC DATA (Office Use Only)

<table>
<thead>
<tr>
<th>Surface Elem.</th>
<th>Geologic Unit</th>
<th>Unit Thickness</th>
<th>Depth to Top</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sub. ByL.</td>
<td>Date</td>
<td>Analysis</td>
<td>Aquifer Test</td>
</tr>
</tbody>
</table>

Orderer's Remarks

If more than one screen, show location of each on sketch.
HERNDON WELL & SUPPLY, INC.

PROJECT FLOWOOD
LOCATION N. FLOWOOD DR.
ENGINEER WAGGONER ENGINEERING
DRILLER CRAIG QUINN
DATE COMPLETED 7-17-01

WELL DATA
Well Depth 900 ft.
CASING Size 16 in. Material STEEL .345 WALL
Length 760 ft. Coating 16 MILS
CEMENT Grout type 1 CLASS A No. of Sacks 568
LAP PIPE Size 10 in. Material COATED 10' OF STAINLESS
Length 95.6 ft. Type of Seal GRAVEL PACK 16-30
SCREEN Size 10 in. Brand JOHNSON
Length 101.56 ft. Material STAINLESS Slot size 0.25
Backwash Valve YES Material STAINLESS
GRAVEL PACK Cubic Yards 8 Size of Underreamed hole 24 inches
HYDRAULICS Static Water Level 248 ft. Pumping Water Level 296 ft.
Drawdown 49 ft. Specific Capacity 20.94 gallons/ft.
Total Dynamic Head 460 ft. Capacity 1026 GPM @ 70 PSI

PUMP DATA
DISCHARGE HEAD OIL Lube No Water Lube
Solenoid 460 volts Discharge 8 in.
COLUMN Size 8 in. Material STEEL Coating YES
Length 372 ft. Oil-Tube 2.5 in. Shafting 1.5 in.
BOWL ASSEMBLY Make AMERICAN Serial No. L4288H Stages 7
Diameter 12 in. Material CAST
Suction size 8 in. Length 10 ft.
Air Line Length 372 ft. Material COPPER

ELECTRIC MOTOR DATA
MOTOR Vertical Hollow Shaft 150 HP 1775 RPM 3 Phase
Model/Make US 460 Volts 60 Cycles
Base Diameter 16 in. Ratchet self releasing X No reverse

CONTROL PANEL DATA
SIZE & MAKE CSI BREAKER SIZE & MAKE ELECTRONIC
Fuse BREAKER
460 Volts 3 Phase Delta Service X open O closed
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME (S): RLB DATE: JUNE 10-2002

UNIT DEQ #: 610075-08, R FILE #:

HEALTH DEPT. #: Mt. Hope Well ELEVATION:

USGS #: F73 OLWR #: GW 15549

OWNER: Flowood, City of QUAD: Jackson SE

LOCATION: S 28 T 6 N R 2 E COUNTY: Rankin

LOCATION DESCRIPTION: N. Flowood Drive

CASING DIA: 16" PUMP TYPE & SIZE:

GPS FIELD LOCATION: LAT. 32.3336 LONG. -90.1029

GPS CORRECTED LOCATION: LAT. _____ LONG. _____

REMARKS: Drilled 2001 @ 900 Feet

G.P.S. Taken 10ft From Well "North"

P000702
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME (S): rib  DATE: june 10-2002

UNIT DEQ #: ________________  FILE #: ________________

HEALTH DEPT. #: 610075-08 no tag. On well  ELEVATION: ________________

USGS #: F073

OLWR #: MS-GW-15549

OWNER: FLOWOOD, CITY OF  QUAD: JACKSON SE

LOCATION: ________ S ______ T ______ R _____ COUNTY RANKIN

LOCATION DESCRIPTION: NORTH OF FLOWOOD DRIVE

CASING DIA: ______________  PUMP TYPE & SIZE: ______________

GPS FIELD LOCATION: LAT. 32.32836  LONG. -90.10294

GPS CORRECTED LOCATION: LAT. _____________  LONG. _____________

REMARKS: GPS TAKEN 10 FT. NORTH OF WELL, P000702


