MISCELLANEOUS NETWORK DATA

106=WQ.WL, WD

<table>
<thead>
<tr>
<th>R=114</th>
<th>T=A</th>
<th>730#1</th>
</tr>
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<tbody>
<tr>
<td>115=</td>
<td></td>
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<tr>
<td>116=</td>
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<tr>
<td>117=</td>
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<td>118=</td>
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<table>
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<td>115=</td>
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<td>116=</td>
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<td>117=</td>
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</tr>
<tr>
<td>118=</td>
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</table>

MISCELLANEOUS REMARKS DATA

Date of Remarks: 184-
Remarks: 185-

DISCHARGE DATA

<table>
<thead>
<tr>
<th>R=146</th>
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<tbody>
<tr>
<td>148=</td>
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<tr>
<td>150=</td>
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<tr>
<td>152=</td>
<td>R</td>
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<table>
<thead>
<tr>
<th>R=90</th>
<th>T=A</th>
<th>721#1</th>
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</thead>
<tbody>
<tr>
<td>91=</td>
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<tr>
<td>92=</td>
<td></td>
<td></td>
</tr>
<tr>
<td>93=</td>
<td>124</td>
<td></td>
</tr>
</tbody>
</table>

GEOMINERAL DATA

Depth Top: 91-
Depth Bottom: 93-
Unit ID: 304= R

HYDRAULIC DATA

Unit Tested: 100-
Unit ID: 101-

HISTORICAL WATER LEVEL DATA

Date: 2358
Water Level: 237= L

5 miles W of Union

DESCRIPTION OF FORMATIONS ENCOUNTERED

<table>
<thead>
<tr>
<th>Formation</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>sand</td>
<td>0</td>
<td>67</td>
</tr>
<tr>
<td>clay</td>
<td>67</td>
<td>163</td>
</tr>
<tr>
<td>sand</td>
<td>163</td>
<td>207</td>
</tr>
<tr>
<td>clay</td>
<td>207</td>
<td>885</td>
</tr>
<tr>
<td>sand</td>
<td>885</td>
<td>1141</td>
</tr>
</tbody>
</table>
### WELL DATA

<table>
<thead>
<tr>
<th>Well Depth</th>
<th>Casing Diameter (in.)</th>
<th>Casing Length (ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1040</td>
<td>12</td>
<td>990</td>
</tr>
</tbody>
</table>

**Type of Casing**: steel

**Type of Completion**: (Circle One or More):
- Gravel Pack
- Underreamed
- Telescoped
- Natural Development
- Open Hole
- Other

**Well Grouted to a Depth of**: 990 FEET

**Type Grout (circle one)**: Cement, Bentonite, or Mix

### SCREEN DATA

<table>
<thead>
<tr>
<th>Diameter - Inches</th>
<th>Length - Feet</th>
<th>Slot Screen - Inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>40</td>
<td>0.016</td>
</tr>
</tbody>
</table>

**Screen Type**: rod base

**Depth to Bottom - Feet**: 1040

### PUMP DATA

**Pump Type**: (Circle One):
- Submersible
- (Turbine)
- Jet
- Flowing Well
- Other

**Power Type**: (Circle One):
- Electric
- Tractor
- Diesel
- Gasoline
- Butane
- Other

<table>
<thead>
<tr>
<th>DESCRIPTION OF FORMATIONS ENCOUNTERED</th>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>sand</td>
<td>0</td>
<td>67</td>
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<tr>
<td>clay</td>
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<tr>
<td>clay</td>
<td>207</td>
<td>885</td>
</tr>
<tr>
<td>sand</td>
<td>885</td>
<td>1141</td>
</tr>
</tbody>
</table>

**Top of Lap Pipe or Reduction in Casing**: 930 FEET

**If Telescoped or More Than One Screen Use Back Page**

---

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]

0-581

Date: 4/15/01

Addition Information Required on Back

---

**RECEIVED**

May 18, 2002

Dept. of Environmental Quality
Office of Land & Water Resources
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>600</td>
<td>8</td>
<td>340 FT</td>
</tr>
</tbody>
</table>

PUMP TEST
Well yielded 601 GPM with a drawdown of 76.6 ft. after 8 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: Griner Drilling Service

GEOLOGIC DATA (Office Use Only)

<table>
<thead>
<tr>
<th>Surface Elev.</th>
<th>Geologic Unit</th>
<th>Unit Thickness</th>
<th>Depth to Top</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subs. SWL</td>
<td>Data</td>
<td>Analysis</td>
<td>Acquiver Test</td>
</tr>
</tbody>
</table>

Driller's Remarks

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
DATE : 9-23-2004

UNIT DEQ # : _________________ FILE # : _________________
HEALTH DEPT. # : 510001-03 ELEVATION : _________________
USGS # : C42 OLWR # : GW-15877
OWNER : BEULAH HUBBARD W A QUAD : UION EAST
LOCATION : ____________ S __23____ T __8N____ R __12E____ COUNTY
NEWTON

LOCATION DESCRIPTION : FROM LITTLE ROCK GO WEST ON H49, FOR1.2
MILES, WELL IS ON NORTH SIDE OF ROAD , 100 YARDS FROM PAVEMENT.

______________________________

CASING DIA : 12 PUMP TYPE & SIZE : TURB

GPS FIELD LOCATION : LAT. 32.52379 LONG. 89.04026

GPS CORRECTED LOCATION : LAT. _______________ LONG. _______________

REMARKS : ACTIVE

______________________________

______________________________
Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-15877

County: NEWTON
Owner: BEULAH HUBBARD WATER ASSOCIATION

Aquifer: WLCLXL
USGS No: 0042
BOH No: 0510001-03

Location: NE 1/4 of the SE 1/4 of SEC 23
TWN 08N RNG 12E ~ Lat: 323122 Long: 890224

Quad: UNION EAST
District: N/A

Date Issued: 09-SEP-02
Date Renewed: 
Date Expired: 09-SEP-12

Applicant: BEULAH HUBBARD WATER ASSOCIATION
Address 1: 4704 HIGHWAY 494
Address 2: N/A
Address 3: N/A
City: LITTLE ROCK
State: MS Zip: 39337

Driller: GRINER DRILLING SERVICE, INC

Owner: BEULAH HUBBARD WATER ASSOCIATION
Address 1: 4704 HIGHWAY 494
Address 2: N/A
Address 3: N/A
City: LITTLE ROCK
State: MS Zip: 39337

Maximum Rate: 600
Amount Withdrawn Acre feet: 224.0638
Amount Withdrawn Mgd: 0.2

Use
RURAL WATER ASSOCIATION

Casing
Type: STEEL
Diameter: 12
Length: 990

Screen
Type: OTHER
Diameter: 8
Length: 40

From Little Rock go west on Hwy 49 for 1/2 mile. Well is just off the road on north side of road.