## WELL RECORD

### Site Id

- **Station Name:** 14521272215010819110142911
- **Project No.:** 9411111111
- **Latitude:** 14521272215010819110142911
- **Longitude:** 14521272215010819110142911
- **Land No.:** S
- **Location Map:** DECATUR NW

### Agency Use

- **Date Inventoried:** 7114
- **Station Type:** 4111
- **Instru.:** 8041
- **Remarks:**
- **Relia.:** L
- **Hydrologic Unit:** WA

### Date of Construction

- **Depth:** 274110

### Well Use

- **Water Use:** Primary Aquifer
- **Primary Aquifer:**
- **Hole Depth:** 274110

### Well Depth

- **Water Level:**
- **Water Level Date:**
- **Method:**
- **Status:**
- **Source:**

### Construction Date

- **Construction Date:** 7234
- **Contractor:** Griner
- **Method:** 654
- **Finish:** 6649

### Construction Casing Data

- **Top/Casing:**
- **Bot/Casing:**
- **Diameter:**

### Construction Openings Data

- **Top/Depth:**
- **Bot/Depth:**
- **Diameter:**
- **Type:**
- **Length:**
- **Width:**

### Construction Lift Data

- **Power:**
- **Serial No.:**
- **Intake:**

### Miscellaneous Owner Data

- **Date of Ownership:**
- **Owner Name:**

### Miscellaneous Other ID Data

- **E-Log No.:**
- **Assignor:**

---

*Note: The image contains handwritten and printed text, with some abbreviations and codes that might require interpretation to fully understand.*
MISCELLANEOUS GW DATA

Date of Measurement | Aquifer Sampled | Temp | Value
--- | --- | --- | ---
1954 | 1954 | 196400010 | 1974
1934 | 1954 | 196400094 | 1974
1954 | 1954 | 196400400 | 1974

MISCELLANEOUS LOGS DATA

Log Type | Begin Depth | End Depth
--- | --- | ---
1996 | 2004 | 159 | 194 | 1102A
1994 | 2004 | 10 | 204 | 1102A

MISCELLANEOUS NETWORK DATA

Begin Year | End Year | Agency Source | Freq.
--- | --- | --- | ---
1154 | 1164 | 170-4 | 1184
1154 | 1164 | 170-4 | 1184

MISCELLANEOUS REMARKS DATA

Date of Remarks | Remarks
--- | ---
1863 | IAW 1740

DISCHARGE DATA

Date | Type | Discharge | So. Capacity
--- | --- | --- | ---
147#1 | 148 | 101 | 91 | 91 | 304

GEOHYDROLOGIC DATA

Death Top | Death Bot. | Unit Id
--- | --- | ---
93 | 92 | 91

HYDRAULIC DATA

Pump # | Unit Tested | Temp
--- | --- | ---
0510012 | 100 | 103

DEPARTMENT OF FOREST AND WILDLIFE

114.76 0.277 (0.512)
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources
P. O. Box 10631
Jackson, MS 39299-0631
WATER WELL DRILLERS LOG

COUNTY: Newton
WELL NO.: 55

NAME & MAILING ADDRESS OF LANDOWNER:
North Decatur Water Association
P.O. Box 427
Decatur, MS 37327

WELL LOCATION:
SEC 16 TOWNSHIP 7 N RANGE 11 W

DISTANCE:
4 Miles North of Decatur

OTHER LANDMARK:
Test Well (r: well #1)
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.

WELL DATA:

<table>
<thead>
<tr>
<th>Depth</th>
<th>Diameter (in.)</th>
<th>Casing Length (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>520</td>
<td>6 x 4</td>
<td>490</td>
</tr>
</tbody>
</table>

TYPE OF CASING:
steel 520 266.79

TYPE OF COMPLETION:
Gravel Packed, Undereamed, Telescoped, Natural Development

Top of Lap Pipe or Reduction in Casing: 420 FEET

SCREEN DATA:

<table>
<thead>
<tr>
<th>Diameter - Inches</th>
<th>Length - Feet</th>
<th>Slot Size - Inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>30</td>
<td>.010</td>
</tr>
</tbody>
</table>

Pipe Base: 520

DESCRIPTION OF FORMATIONS ENCOUNTERED:

<table>
<thead>
<tr>
<th>FROM</th>
<th>TO</th>
<th>Sand and Shale</th>
<th>0</th>
<th>21</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay</td>
<td>21</td>
<td>Clay &amp; Sand streaks</td>
<td>126</td>
<td>231</td>
</tr>
<tr>
<td>231</td>
<td>260</td>
<td>Sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>260</td>
<td>438</td>
<td>Clay &amp; shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>250</td>
<td>438</td>
<td>Sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>438</td>
<td>459</td>
<td>Clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>459</td>
<td>485</td>
<td>Sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>485</td>
<td>522</td>
<td>Clay w/ sand streaks</td>
<td>522</td>
<td>1022</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)

Pump Capacity (GPM): 150
No. of Stages: N/A
Setting Depth: 400 FT.

PUMP TEST:
Well yielded 100 GPM with a drawdown of 58.53 ft after 480 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, Inc.

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>Date</td>
<td>Analysis</td>
<td>Aquifer Test</td>
</tr>
</tbody>
</table>

Driller's Remarks:
To be abandoned. Spotted 100 sacks A+ 8% Gel at 1020 to 530 feet

signature:

RECEIVED
JAN 16 1995

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.

ADDITIONAL INFORMATION

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): Stewart / Everett  DATE: 4/22/98

UNIT DEQ #: ___________________ FILE #: A04222ID

HEALTH DEPT. #: 510012-01  ELEV. 570'

USGS #: F-55  OLWR #: GW 14761

OWNER: H. Decatur Water Assn.

LOCATION: NE NW S 16 T 7N R 11E COUNTY: Newton
West of Decatur Approx. 4 miles.ree west broad St. - Decatur concrete Rd
LOCATION DESCRIPTION: IO Crossroads Road then North 3/4 mi. to
Across from Crossroads Dept Ch.

CASING DIA: _________ PUMP TYPE & SIZE: Turbine

GPS FIELD LOCATION: LAT. 32° 27.422' LONG. 89° 10.819

GPS CORRECTED LOCATION: LAT. 32.457259 LONG. 89.180391W

REMARKS: Decatur NW 2nd

#1 is in NW corner of fenced area

32 27 26
69 10 49
Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-14761

County: NEWTON
Aquifer: MUNX
Location: NE 1/4 of the NW 1/4 of SEC 16
Quad: DECatur NW

Owner: NORTH DECATUR WATER ASSOCIATION, INC.
USGS No: 0055
BOH No: 0510012-01

Date Issued: 22-MAR-94
Date Renewed: 23-FEB-04
Date Expired: 23-FEB-14

Applicant: NORTH DECATUR WATER ASSOCIATION, INC.
Address 1: P. O. BOX 36
Address 2: N/A
Address 3: N/A
City: DECatur
State: MS Zip: 39327
Driller: GRINER DRILLING

Owner: NORTH DECATUR WATER ASSOCIATION, INC.
Address 1: P. O. BOX 36
Address 2: N/A
Address 3: N/A
City: DECatur
State: MS Zip: 39327

Maximum Rate: 200
Amount Withdrawn Acre feet: 190.4543
Amount Withdrawn Mgd: .17

Use
RURAL WATER ASSOCIATION

Casing
Type: STEEL
Diameter: 12
Length: 485

Screen
Type: OTHER
Diameter: 8
Length: 25