**WELL SCHEDULE**

**U.S. DEPT. OF THE INTERIOR**  
**GEOLOGICAL SURVEY**  
**WATER RESOURCES**

**MASTER CARD**

- **Location:** Lake, Town of Bovey  
- **State:** MN  
- **County:** Beltrami  
- **Date:** 5/73  
- **Well No.:** M54  
- **Log no.:** 114  
- **Punched:** 6/20/01

**WELL-DESCRIPTION CARD**

- **Depth:** 1,048 ft  
- **Casing:** 10  
- **Diam.:** 8 x 6 in  
- **Completion:** (C) gravel v. gravel w. (D) gravel, open perf., screen, slt., v. (E) gravel, open perf., screen, slt., v.  
- **Method:** Air bored, cable, dug, hyd jetted, air reverse trenching, driven, drive ext., percussion, rotary, wash, other  
- **Date Drilled:** 4/19/73  
- **Driller:** Singer-Layne  
- **Power:** Diesel, diesel, gas, gasoline, hand, gas, wind, H.P.  
- **Water Level:** Above LSD  
- **Topo:** 473  
- **Water Temperature:** 25°C  
- **Sp. Conductivity:** 370 K x 10$^{-6}$  
- **Hardness:** 8  
- **Sulfate:** 7.7 ppm  
- **pH:** 8.2

**Other Information:**

- **Owner Name:** Lake &  
- **County:** Beltrami  
- **Other Number:** Well 2  
- **Data Available:** Well data  
- **Qual. water data:** Yes  
- **Freq. sampling:** Complete 7/75  
- **Pumpage inventory:** Yes  
- **Field aquifer char.:** Yes  
- **Log data:** D.F.  
- **USA:**  
- **C:** Complete 7/75  
- **W:** Pumpage inventory: Yes  
- **P:** Field aquifer char.: Yes  
- **E:** Log data: D.F.  
- **USE:** Complete 7/75  
- **O:** Pumpage inventory: Yes  
- **N:** Log data: D.F.  
- **S:** Field aquifer char.: Yes  
- **M:** Log data: D.F.  
- **L:** Use of Air cond., Bottling, Compress, Devater, Power, Use, Int., Irr, Med, Ind., P.S. Rec., Stock, Inst, Int. Use, Sump, Recharge, Desil-P, Desil-other, Other  
- **Q:** Data Available: Well data  
- **F:** Frequency sampling: Complete 7/75  
- **I:** Pumpage inventory: Yes  
- **K:** Field aquifer char.: Yes  
- **J:** Log data: D.F.
**MISSISSIPPI BOARD OF WATER COMMISSIONERS**
416 North State Street
Jackson, Mississippi 39201

**WATER WELL DRILLERS LOG**

<table>
<thead>
<tr>
<th>Landowner</th>
<th>Description of Formations Encountered</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Town &amp; Lake, Miss.</td>
<td>White Slumping Clay</td>
<td>4</td>
<td>17</td>
</tr>
<tr>
<td>Lake, Miss. (mailing address)</td>
<td>Blue Clay</td>
<td>17</td>
<td>85</td>
</tr>
<tr>
<td></td>
<td>Sandy Clay</td>
<td>85</td>
<td>139</td>
</tr>
<tr>
<td>WELL LOCATION:</td>
<td>Sand</td>
<td>139</td>
<td>262</td>
</tr>
<tr>
<td>sec 24</td>
<td>Blue Clay</td>
<td>262</td>
<td>341</td>
</tr>
<tr>
<td>T 6 N</td>
<td>Red Clay</td>
<td>341</td>
<td>382</td>
</tr>
<tr>
<td>R 3 W</td>
<td>Blue Clay</td>
<td>382</td>
<td>388</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WELL PURPOSE:</td>
<td>Clays &amp; Sands</td>
<td>388</td>
<td>424</td>
</tr>
<tr>
<td>(home, irrigation, municipal, industrial)</td>
<td>Helmomy Clay</td>
<td>424</td>
<td>572</td>
</tr>
<tr>
<td></td>
<td>Sandy Shale</td>
<td>572</td>
<td>691</td>
</tr>
<tr>
<td></td>
<td></td>
<td>691</td>
<td>724</td>
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<td>724</td>
<td>771</td>
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<td>771</td>
<td>821</td>
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<td>983</td>
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<td>983</td>
<td>1048</td>
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<tr>
<td></td>
<td></td>
<td>1048</td>
<td>1140</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1140</td>
<td>1161</td>
</tr>
<tr>
<td>WELL COMPLETION DATA:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(1) Diameter (inches)</td>
<td>8” x 6”</td>
<td>12”</td>
<td></td>
</tr>
<tr>
<td>(2) Total depth (feet)</td>
<td>121’</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(3) Static water level (feet) below top of ground</td>
<td>154’</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(4) Casing (material)</td>
<td>Steel</td>
<td>104’</td>
<td></td>
</tr>
<tr>
<td>(depth)</td>
<td>6’</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(size)</td>
<td>4’ 26”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(5) Screen (length)</td>
<td>50’</td>
<td>1048</td>
<td></td>
</tr>
<tr>
<td>(depth to top)</td>
<td>1” Stainless Steel</td>
<td>1048</td>
<td></td>
</tr>
<tr>
<td>(size)</td>
<td></td>
<td>1140</td>
<td></td>
</tr>
<tr>
<td>(material)</td>
<td></td>
<td>1161</td>
<td></td>
</tr>
<tr>
<td>(6) Pump (HP)</td>
<td>30</td>
<td>250</td>
<td></td>
</tr>
<tr>
<td>(yield gpm)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(7) Electric Log</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(type power)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(8) Electric Log</td>
<td>No or not</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DRILLERS REMARKS:**

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*Coded*
Map center is 32° 20' 48"N, 89° 19' 35"W (WGS84/NAD83)  
**Lake** quadrangle  
Projection is UTM Zone 16 NAD83 Datum  

PAP/OLH  
4/30/97  
M= -0.173  
G = -1.245
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT
GPS LOG

USER NAME(S): Hardin/Phillips DATE: 9/30/97

UNIT DEQ #: _______ FILE #: A04.3017A
HEALTH DEPT. #: 620008-01 ELEV. 470

USGS #: M54_9/104 OLWR #: GU-01880 9/104

OWNER: Lake Water Works QUAD: Lake
COUNTY: Scott
LOCATION:NE Sec 34 T6N R9E LOCATION DESCRIPTION: Across from school at elevated tank at corner of N. Williams & School St

CASING DIA: 8" PUMP TYPE & SIZE: Turbine, 40 HP

GPS FIELD LOCATION: LAT. 32°20.816'N LONG. 89°19.582'W
GPS CORRECTED LOCATION: LAT. 32.346831 LONG. 89.32632944

REMARKS: Measured 50' NE of well North well

Same file for 620008-01 & 02
10/14/04
Tagged LW
P110
32.34682
89.32668
Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-01880

County: SCOTT
Owner: LAKE, TOWN OF
Aquifer: MUWX
USGS No: M0054
BOH No: 0620008-01

Location: NW 1/4 of the SE 1/4 of SEC 24
TWN 06N
RNG 09E
Lat: 322048
Long: 891935

Quad: LAKE
District: N/A

Date Issued: 25-MAR-86
Date Renewed: 23-APR-96
Date Expired: 25-MAR-06

Applicant: LAKE, TOWN OF
Address 1: P. O. BOX 39
Address 2: N/A
Address 3: N/A
City: LAKE
State: MS Zip: 39092

Owner: LAKE, TOWN OF
Address 1: P. O. BOX 39
Address 2: N/A
Address 3: N/A
City: LAKE
State: MS Zip: 39092

Driller: LAYNE CENTRAL COMPANY

Maximum Rate: 250
Amount Withdrawn Acre feet: 33.6096
Amount Withdrawn Mgd: .03

Use
MUNICIPAL

Casing
Type: STEEL
Diameter: 8
Length: 1047

Screen
Type: STAINLESS STEEL
Diameter: 6
Length: 50