**WELL SCHEDULE**

**FORM 9-1642**

<table>
<thead>
<tr>
<th>U.S. DEPT. OF THE INTERIOR</th>
<th>WELL No.</th>
<th>E-log #19</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOLOGICAL SURVEY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WATER RESOURCES DIVISION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MASTER CARD</td>
<td></td>
<td></td>
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<tr>
<td>J.M.</td>
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</tbody>
</table>

**Record by:** GJD  
**Source of data:** E-log  
**Date:** 7-15-71  
**Mes. No.:** A

**State:** Union Co.  
**County:** New Albany  
**Lat-long accuracy:** 21  
**Lat-long:** 34 28 25 N  
**Long:** 82 59 20 W  
**Local well number:** 64019  
**Local use:** Denton Mills  
**Owner or name:** New Albany  
**Owner or name:** Denton Mills  
**Address:** Denton Mills  
**Well data:** 1  
**Freq. W/L meas.:** 1  
**Field aquifer chart:** 1

**Hyd. lab. data:** 1  
**Qual. water data:** 1

**Log data:** E-log 7' - 11/70  
**Depth well:** TO 10.9'  
**Well depth:** 10.9  
**Casing:** 23  
**Casing:** 3  
**Depth cased:** 9.1  
**Depth cased:** 3  
**Method:** 1  
**Method:** 4  
**Date:** 7-15-71  
**Date:** 4

**Driller:** Singer Lake Central Memphis, Tenn.  
**Lift:** 1  
**Lift:** 4  
**Power:** 50  
**Power:** V

**Water Level:**  
**Data:** 166  
**Data:** 5  
**Data:** 1  

**Drawdown:** 30  
**Drawdown:** 5  
**Drawdown:** 3  

**Quality of water data:**  
**Quality of water data:** 1  
**Quality of water data:** 4  

**Sodium:** 5  
**Sodium:** 4  
**Sodium:** 1

**Taste, color, etc.:** $	ext{X}$

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**Additional Notes:**
- Well No. H-41
- Well not measured
- Depth: 10.9'
**HYDROGEOLOGIC CARD**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Well No.</td>
<td>H 41</td>
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<tr>
<td>Latitude-longitude</td>
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<tr>
<td>Physiographic Province</td>
<td></td>
</tr>
<tr>
<td>Section</td>
<td>03</td>
</tr>
<tr>
<td>Subbasin</td>
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<tr>
<td>Type of topography</td>
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</tr>
<tr>
<td>Well site</td>
<td></td>
</tr>
<tr>
<td>Major AQUIFER</td>
<td>K 3</td>
</tr>
<tr>
<td>Minor AQUIFER</td>
<td></td>
</tr>
<tr>
<td>Lithology</td>
<td></td>
</tr>
<tr>
<td>Length of well-open-top</td>
<td>105</td>
</tr>
<tr>
<td>Origin</td>
<td></td>
</tr>
<tr>
<td>Aquifer Thickness</td>
<td>100</td>
</tr>
<tr>
<td>Depth to top of well-open-top</td>
<td>90</td>
</tr>
<tr>
<td>Interval Screened</td>
<td>½ in. Stainless Steel 918-1028</td>
</tr>
<tr>
<td>Depth to consolidated rock</td>
<td></td>
</tr>
<tr>
<td>Depth to basement</td>
<td></td>
</tr>
<tr>
<td>Surface material</td>
<td></td>
</tr>
<tr>
<td>Infiltration characteristics</td>
<td></td>
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<tr>
<td>Coefficient Trans.</td>
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<td>Coefficient Perm.</td>
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<tr>
<td>Source of data</td>
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**Diagram: Industrial Plant**

- WL = 140.8.71
- WL = 165.10.78
DEPARTMENT OF ENVIRONMENTAL QUALITY – OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips           DATE: 6/10/99
UNIT DEQ #: _________________________ FILE #: B041014A
HEALTH DEPT #: 730021-01                ELEV: 386
USGS #: 441                            OLWR #: GW00544
OWNER: Hickory Springs Manuf.          QUAD: New Albany East
LOCATION: SW/NE 8 16  T 75  R 3E       COUNTY: Union
LOCATION DESCRIPTION: At large ground tanks inside gate
to Hickory Springs plant. Off Denmills Rd off Hwy 178
CASING DIAM: _______________ PUMP TYPE AND SIZE: Turbine; 50 HP
GPS FIELD LOCATION: LAT: 34° 28' 30.9" long: 88° 59' 21.2"
GPS CORRECTED: LAT: 34.475942           LONG: 88.989493
REMARKS: 296  
<table>
<thead>
<tr>
<th>LANDOWNER:</th>
<th>Denton Mills</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address:</td>
<td>New Albany, Mississippi (mailing address)</td>
</tr>
</tbody>
</table>

### WELL LOCATION:
- Section: 16
- Township: T 7 N
- Range: R 3 E
- Nearest town: Memphis
- Miles: 612
- Direction of nearest town: 644

### WELL PURPOSE:
- Home, irrigation, municipal, industrial
- Sandy Clay
- Rock

### WELL COMPLETED DATA:
1. Diameter (feet) 105
2. Total depth (feet) 828
3. Static water level (feet) 140' below top of ground
4. Casing steel 915 (material), 105' (feet), 300' (yield gpm)
5. Screen 6" stainless
6. Pump 50 HP
7. Electric yes
8. Electric log yes or no

### COMPLETED DATA:
- Hard Chert: 1064' 1170'
- Sandy Shale: 756' 808'
- Rock: 733' 734'
- Shale: 698' 733'
- Rock: 695' 698'
- Shale: 667' 695'
- Sandy Clay: 650' 677'
- Rock: 644' 650'
- Shale: 600' 612'

### DRILLERS REMARKS:
- May 17 10771