**HYDROGEOLOGIC CARD**

**Physiographic Province:**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
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**Drainage Basin:**

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<tr>
<th>K</th>
<th>L</th>
<th>M</th>
<th>N</th>
<th>O</th>
<th>P</th>
<th>Q</th>
<th>R</th>
<th>S</th>
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**Topo of well site:**

- Depression
- Stream channel
- Dunes
- Flat
- Hilltop
- Sink
- Swamp
- Offshore
- Pediment
- Hillside
- Terrace
- Undulating
- Valley flat

**MAJOR AQUIFER:**

- System
- Series
- Aquifer, formation, group

**Lithology:**

- Length of well open to:
- Origin:
- Aquifer Thickness:

**MINOR AQUIFER:**

- System
- Series
- Aquifer, formation, group

**Lithology:**

- Length of well open to:
- Origin:
- Aquifer Thickness:

**Intervals Screened:**

**Depth to consolidated rock:**

**Depth to basement:**

**Surficial material:**

**Coefficient:**

<table>
<thead>
<tr>
<th>T</th>
<th>U</th>
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**Transmissivity:**

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<th>V</th>
<th>W</th>
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**Coefficient:**

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<th>Y</th>
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**Storage:**

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<th>Z</th>
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</table>

**Number of geologic cards:**

---

**Well No.: M40**
<table>
<thead>
<tr>
<th>LANDOWNER: Eva Johnson</th>
<th>description of formations encountered</th>
<th>from</th>
<th>to</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-1 1921</td>
<td>Surface Sand &amp;</td>
<td>0</td>
<td>27</td>
</tr>
<tr>
<td>Route 8, Box 202</td>
<td>Clay gravel</td>
<td>27</td>
<td>214</td>
</tr>
<tr>
<td>Okolona, Miss, 38860</td>
<td>Sand</td>
<td>214</td>
<td>660</td>
</tr>
</tbody>
</table>

**WELL LOCATION:**
- sec 23 T 14 R 5 S
- 2 1/2 miles NW of Shannon, MS
- (nearest town)

**WELL PURPOSE:** Home

**WELL COMPLETION DATA:**
- (1) diameter (inches) 5
- (2) total depth (feet) 600
- (3) static water level (feet) 25 below top of ground
- (4) casing steel, 30" (material, depth)
- 5" (size) if telescope see back.
- (5) screen 7/10 (length, depth to top)
- (6) pump 1/2 (material, HP, yield gpm)
- Electric (type power)
- (7) electric log no (yes or no)
- (organization running log)
- (8) how well bottom plugged open

**DRILLERS REMARKS:**

**CODED**

**MISSISSIPPI BOARD OF WATER COMMISSIONERS**
416 North State Street
Jackson, Mississippi 39201

**WATER WELL DRILLERS LOG**

**CODED**

**9-1-71**

**HERNANDO-HUMAN WELL & SUPPLY**
Chickasaw

**SHANNON, MISSISSIPPI 38860**

**OCT 1 2 1971**

**MISS. BD. OR WATER COMM.**
If well telescopres please sketch and show depths.

GROUND LEVEL

SECTION 23

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen, show locations of each on sketch.