### Master Card

**Record by**: J. Shell  
**Source of data**: Bowc  
**Date**: 4/69  
**State**:  
**County (or town)**: Holmes  
**Sequential number**:  
**Latitude**: 33°06'36"N  
**Longitude**: 89°49'52"W  
**Well number**: F007GC31  
**Owner or name**: Sam Weldon  
**Address**: Durant, Miss.  
**Use of water**: Stock, Inst. Unused, Recharge, Recharge, Disel, P S, Desal-other, Other  
**Data available**: Well data  
**Freq. W/L meas.**:  
**Field aquifer char.**:  

### Well Description Card

**Depth well**: 110.0  
**Casing type**:  
**Porous gravel**:  
**Finish**: Concrete, perfor., screen, caliber, shored, open, Other  
**Method**: Air bored, cable, dug, hyd., jetted, air reversed trenching, driven, drive rot., percussion, rotary, wash. Other  
**Date Drilled**: 9/9  
**Pump intake setting**:  

### Aquifer Characteristics

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alt. LSD</td>
<td>Above</td>
</tr>
<tr>
<td>Water level</td>
<td>12</td>
</tr>
<tr>
<td>Date measured</td>
<td>3/67</td>
</tr>
<tr>
<td>Drawdown</td>
<td>3/67</td>
</tr>
<tr>
<td>Quality of water</td>
<td></td>
</tr>
<tr>
<td>Sp. Conduct</td>
<td></td>
</tr>
<tr>
<td>Taste, color, etc.</td>
<td></td>
</tr>
</tbody>
</table>

### Water Quality

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iron ppm</td>
<td></td>
</tr>
<tr>
<td>Sulfate ppm</td>
<td></td>
</tr>
<tr>
<td>Chloride ppm</td>
<td></td>
</tr>
<tr>
<td>Hard. ppm</td>
<td></td>
</tr>
<tr>
<td>Sp. Conduct K x 10^6</td>
<td></td>
</tr>
</tbody>
</table>

### Aquifer Characterization

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accuracy:</td>
<td></td>
</tr>
<tr>
<td>Source:</td>
<td></td>
</tr>
<tr>
<td>Method:</td>
<td></td>
</tr>
<tr>
<td>Determined:</td>
<td></td>
</tr>
<tr>
<td>Pumping period</td>
<td></td>
</tr>
<tr>
<td>Yield:</td>
<td></td>
</tr>
<tr>
<td>Acc:</td>
<td></td>
</tr>
<tr>
<td>Temp.:</td>
<td></td>
</tr>
<tr>
<td>Date sampled:</td>
<td></td>
</tr>
<tr>
<td>Taste, color, etc.</td>
<td></td>
</tr>
</tbody>
</table>

### Additional Notes

- **Ownership**: County, Fed Govt, City, Corp or Co, Private, State Agency, Water Dist  
- **Qual. water data**: type:  
- **Freq. sampling**: yes  
- **Aperture cards**: yes  
- **Log data**:  

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**Note**: The document contains detailed geological and water resource data for a well, including geographic coordinates, well specifications, water quality measurements, and aquifer characteristics.
HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: S

Drainage Basin: L:K

Subbasin: 3

Topo of well site: depression, stream channel, dunes, flat, hilltop, sink, swamp, offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER:

System: T

Series: E

Origin: S

Aquifer, formation, group: 2

Aquifer Thickness: 100 ft

Length of well open to: 40 ft

Depth to top of: 40 ft

MINOR AQUIFER:

System: S

Series: 4

Origin: 4

Aquifer, formation, group: 4

Aquifer Thickness: ft

Length of well open to: ft

Depth to top of: ft

Intervals Screened: 4" Plastic

Depth to consolidated rock: ft

Depth to basement: ft

Surficial material: infiltration characteristics:

Coefficient: gpd/ft²

Transmission: gpd/ft

Coefficient: gpm/ft²

Storage: gpm/ft

Number of geologic cards: 79

GPO 937-142