WELL SCHEDULE
U. S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

MASTER CARD

Record by REC Taylor-Pegram Source of data E Log 6-517 Date 10-19-67 Map Tralake Quad.

State Mississippi County 28 Washington

Latitude: 332534 N Longitude: 090543 W Sequential number: 1

Lat-long Accuracy: 5 min 1 sec 13 degrees 5 min sec 15

Local well number: E043 D6 01 A07 W Other number: B & M

Local use: 064059 06863 Owner or name: MISS STATE UNIV

Owner or name: Mississippi State University Department of Water Resources

Ownership: County, Fed Govt, City, Corp or Co, Private, State Agency, Water Dist


Data available: Well data No, period: Field aquifer char.

Hyd. lab. data:

Qual. water data: type:

Freq. sampling: Pumpage inventory:

Aperture cards:

Log data: E Log 6-517

WELL DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 49.5 ft Meas. sec 24

Depth cased: 14.5 ft Casing: Steel; Diam 4.5 in

Finish: 23 ft porous gravel v. concrete, open perf. screen, shored, open hole

Method: Air bored, cable, drop, drop jetted, reverse trenching, driven, driven, percussion, rotary

Drilled: 10-67

Driller: Lawer Central, Cleveland, Miss

Lift (type): air, bucket, cent, jet, multiple, multiple, nor, piston, piston, submers, turb, Other

Power: nat LF gas, gasoline, hand, gas, wind, H.F.

Descrip. MP: above below SSD, Alt. MP

Alt. LSD: 12.0 Accuracy: 12.0 (source)

Water level: 12.0 ft above below MP; 138 above below LSD

Date: 068 Accuracy: Tape: Method determined

Drawdown: 12.0 Yield: 4.25

QUALITY OF WATER DATA:

Iron ppm: 3 Sulfate ppm: Chloride ppm: Hard.

Sp. Conduct: 500 K x 105 Temp: 71 °C 12.2 Data sampled No Sample 0.68

Taste, color, etc. Some color
**HYDROGEOLOGIC CARD**

<table>
<thead>
<tr>
<th>Physiographic Province:</th>
<th>03</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drainage Basin:</td>
<td>15:3</td>
</tr>
<tr>
<td>Section:</td>
<td>20:21</td>
</tr>
<tr>
<td>Subbasin:</td>
<td>25</td>
</tr>
<tr>
<td>Topo of well site:</td>
<td>depression, stream channel, dunes, flat, hilltop, sink, swamp, offshore, pediment, hillside, terrace, undulating, valley flat</td>
</tr>
<tr>
<td>MAJOR AQUIFER:</td>
<td>system, series</td>
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<tr>
<td>Aquifer, formation, group</td>
<td>U:3</td>
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<tr>
<td>Lithology:</td>
<td>U:5</td>
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<tr>
<td>Length of well open to:</td>
<td>40 ft</td>
</tr>
<tr>
<td>Depth to top of:</td>
<td>ft</td>
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<tr>
<td>MINOR AQUIFER:</td>
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<td>Aquifer, formation, group</td>
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<tr>
<td>Lithology:</td>
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<td>ft</td>
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<td>Depth to top of:</td>
<td>ft</td>
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</tbody>
</table>

**Intervals Screened:**

455 - 495 ft

**Grout well Shutoff Screen:** 7 ft opening

**Depth to consolidated rock:** 40 ft

**Source of data:** 64

**Depth to basement:** 65

**Surficial material:** Infiltration Characteristics

**Coefficient Trans:** 5.03

**Coefficient Perm:** 8.3 gpm/ft²; Spec cap: 8.3 gpm/ft; Number of geologic cards: 78