**WELL SCHEDULE**

**U.S. DEPT. OF THE INTERIOR**

**GEOLOGICAL SURVEY**

**WATER SUPPLY PROGRAM**

**ROLLA COMPUTATION BRANCH**

**REPLACEMENT**

**Record by: T.N. Shows**

**Source of data: W.G. Massey**

**Date: 1-20-61**

**Map No.: County:』 [4.7 x 4.5]**

**State: Miss.**

**County (or town): Lamar**

**Latitude: 31°0'63.8"N**

**Longitude: 91°0'30.5"W**

**Lat-long accuracy: 1' 1" sec 12**

**Sequential number: 197**

**Local well number: K028BB1502N15W**

**Other number: K28-4 B & M**

**Local use: W.G. Massey**

**Owner or name: W.G. Massey**

**Address: R1, Purvis, Miss.**

**Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist.**

**Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Irr, Med, Ind, P & S, Rec, Stock, Inst, Unused, Recharge, Recharge, Desal-P & S, Desal-other, Other**

**Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Water, Waste, Destroyed**

**DATA AVAILABLE:**

- **Well date:** [ ]
- **Freq. W/L meas.:** Original [ ]
- **Field aquifer char.:** [ ]
- **Hyd. lab. data:** [ ]
- **Qual. water data:** type:
- **Freq. sampling:** irregular [ ]
- **Pumage inventory:** yes [ ]
- **Aperture cards:** [ ]
- **Log data:** [ ]

**WELL-DESCRIPTION CARD**

**SAME AS ON MASTER CARD**

**Depth well:** 52 ft

**Depth casing (ft):** 52

**Type: clay tile**

**Casing (in):** 6

**Finish: porous gravel, gravel, horsts, open perf., screen, sp. pt., shored, open, other**

**Method: air, bored, cable, dug, hyd. jetted, air, reverse trenching, driven, drive, other**

**Date drilled:** 1927

**Pump intake setting:** none

**Driller:** owner

**Lift:** (A), (B), (C), (D), (E), (F), (G), (H), (I), (J), (K), (L), (M), (N), (O), (P), (Q), (R), (S), (T), (U), (V), (W), (X), (Y), (Z)

**Power:** (A), (B), (C), (D), (E), (F), (G), (H), (I), (J), (K), (L), (M), (N), (O), (P), (Q), (R), (S), (T), (U), (V), (W), (X), (Y), (Z)

**Descrip. HP:** above

**Alt. LSD:** [ ]

**Water level:** 47.59

**Date measured:** 1-20-61

**Yield:** 4.5

**Drawdown:** [ ]

**Quality of water:** Iron 0.03

**Sulfate 0.00**

**Chloride 35**

**Water data:** Iron 0.03 ppm

**Sulfate 0.00 ppm**

**Chloride 35 ppm**

**Sp. Conduct:** 200 K X 10^(-2)

**Temp.: 69.1**

**Hardness:** 0.45

**Taste, color, etc:** Nitrates 37 and 45 ppm
**HYDROGEOLOGIC CARD**

<table>
<thead>
<tr>
<th>Physiographic Province</th>
<th>Coastal Plain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drainage Basin</td>
<td>1:3:9</td>
</tr>
<tr>
<td>Subbasin</td>
<td>20:21</td>
</tr>
<tr>
<td>Section</td>
<td>East Gulf Coastal</td>
</tr>
</tbody>
</table>

**Topo of well site:**
- Depression, stream channel, dune, sand, dune, hilltop, sink, swamp, offshore, pediment, hillside, terrace, undulating, valley flat

**Major Aquifer:**
- Tertiary, Pleistocene

**Lithology:**
- Unconsolidated sand

**Origin:**
- Fluvioglacial

**Aquifer Thickness:**
- ft

**Length of well open to:**
- at bottom only

**Depth to top of:**
- ft

**Minor Aquifer:**
- system

**Lithology:**
- Other

**Origin:**
- Other

**Aquifer Thickness:**
- ft

**Interval Screened:**
- ft

**Depth to consolidated rock:**
- ft

**Source of data:**
- Other

**Depth to basement:**
- ft

**Surficial material:**
- Other

**Infiltration Characteristics:**
- Other

**Coefficient:**
- gpd/ft²

**Storage:**
- gpd/ft²

**Perm:**
- gpd/ft²

**Spec cap:**
- gpd/ft²

**Number of geologic cards:**
- 79

**Well bored to 60 ft**

Sand has filled in to a depth of 52 feet (1970-61)

Water contamination and litigation.

Well at edge of flood plain.