WELD Ex. (GW)
April 1966

WELL SCHEDULE
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

MASTER CARD
Record by E. J. Harvey
Source of data Mr. Wilkinson
Date 9-9-54
Map Trilake Quadr

State Mississippi
County Washington
Sequence number 76

Lat-long accuracy:
Latitude: 33° 2' 3.8" N
Longitude: 91° 6' 9.1" W

Local well number: 1

Location:

Owner or name: Farish & Upshur
Address: Leland, Miss.

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Ind, Pub, Ind, P.S, Rec, Water

Use of Truck farm

DATA AVAILABLE: Well data
Freq. W/L meas.: Field aquifer char.

Qual. water data: Type:

Freq. sampling: none
Pumpage inventory: yes
Period: yes

Aperture cards:

Log data: Driller's log

WELL-DESCRIPTION CARD
Depth well: 99 ft
Meas. case: 39 in
Casing: 16 in

Finish: Drilled method

Date: Drilled: Aug 1954
Pump intake setting: 50 ft

Driller: J. W. Wilkinson
Address: Leland Miss.

Lift: Type

Power: Type

Descrip. MP: collar of pipe which is 2.8 ft above Alt. MP

Alt. LSP: 115
Water Level: 17.5 ft above LSP
Date: 9-9-54

Drawdown: 9.5 ft
Yield: 800 gpm

QUALITY OF WATER DATA:
Iron ppm
Sulfate ppm
Chloride ppm
Hard.

Sp. Conduct: K x 10 ^6 Temp: °F

Taste, color, etc.
### DROGEOLOGIC CARD

**Name as on master card:** Coastal Plain

**Physiographic Province:** Coastal Plain

**Drainage Basin:** Miss. River

**Subbasin:**

**Latitude-longitude:**

<table>
<thead>
<tr>
<th>d</th>
<th>m</th>
<th>s</th>
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<tbody>
<tr>
<td>30</td>
<td>24</td>
<td>45</td>
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</table>

**Well No.:** T

**Depression, stream channel, dunes, flat, hilltop, sink, swamps:**

- (D) offshore, pediment, hillside, terrace, undulating, valley flat

**Origin:** Pleistocene

**Series:** Miss. River

**Formation:** Alluvial

**Aquifer:**

- **System:** Quaternary

<table>
<thead>
<tr>
<th>Length of well open to:</th>
<th>Depth to top of:</th>
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<tbody>
<tr>
<td>30 ft</td>
<td>15 ft</td>
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**Aquifer characteristics:**

- **Infiltration:**
- **Coefficient:**
- **Storage:**

**Well screen:**

- **Screened:** 69 - 79 ft
- **30 ft slab pipe with window screen**

**Solidified rock:** 0 ft

**Source of data:**

**Effluent:** 0.7 gpd/ft

**Infiltration:**

**Coefficient:** 0.7

**Storage:**

**Effluent:**

- **gpd/ft**; Spec cap: 0.7 gpd/ft; Number of geologic cards: 0

**Notes:**

- **16" hole**

- **Bed 15 yds gravel**

- **Stage, 6" bowls, 4" column, 50 ft to top of bowls**

- **65 ft to end of suction**

- **Rivelled to 125 ft**

**No gravel pulled back 499**

**4.7 mi SE of Leland**

<table>
<thead>
<tr>
<th>Surface clay</th>
<th>0 - 15</th>
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<tbody>
<tr>
<td>Sand, fine</td>
<td>15 - 60</td>
</tr>
<tr>
<td>Sand, cse</td>
<td>60 - 95</td>
</tr>
<tr>
<td>White gravel</td>
<td>95 - 110</td>
</tr>
<tr>
<td>Liq. 4</td>
<td>110 - 111</td>
</tr>
<tr>
<td>Sand, w/c, hard packed, gray</td>
<td>111 - 125</td>
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**GPO 857-700**