WELL SCHEDULE
GEOLICAL SURVEY
U.S. DEP'T. OF THE INTERIOR
WATER RESOURCES DIVISION

MASTER CARD
Well No. L33
Log # 168

Record by: C. L. Overman
Source of data: MGS S
Date 7-1-67
Map: Jackson SE

State: Miss.
County: 28
Area: Franklin

Latitude: 32° 17' 19" N
Longitude: 90° 00' 15.9" W

Local well number: 14033 ACO705103E
Local use: 964 168

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


LAND-DESCRIPTION CARD
Well data: USGS 7-15-78
Field aquifer char.:

Hyd. lab. data:
Qual. water data: yes

Aperture cards:
Log data: Log 8 8/11 ft drilled log (MB evacuate) CCKF DE

WELL-SPECIFICATION CARD
Same as on master card
Depth: 789

Casing:
Type: Steel
Dia.: 10 X 6 in

Finish:
Concrete, gravel

Method:
Air, bored, cable, dug, hyd. jetted, reverse trenching, driven, drive rot., percussion, rotary, other:

Date:
6-19-67

Driller:
Rayne Central

Lift:
Type: Air, bucket, cent, jet, cent. (cent.) (turb.)

Power:
Type: Diesel, Gasoline, Hand, gas, wind, H.P.

Descrip. MP:
Alt. LSD: 324.7

Accuracy: (source)

Water Level:
Above LSD: 191

Accuracy:

Date:
Yield:

Drawdown:

QUALITY OF WATER DATA:
Iron

Sp. Conduct: 600 K x 10^4

Taste, color, etc.: pH 8.4
### HYDROGEOLOGIC CARD

**Well No.: L33**

**Latitude-longitude:**

**Phygeographic Province:**

**Section:**

**Subsection:**

1. **Drainage Basin:**
   - (U) — Depression, stream channel, dunes, flat, hilltop, sink, swamp
   - (L) — Offshore, pediments, hillside, terrace, undulating, valley flat

2. **Major Aquifer:**
   - System: ____________
   - Series: ____________
   - Aquifer, formation, group: ____________
   - Lithology: ____________

3. **Minor Aquifer:**
   - System: ____________
   - Series: ____________
   - Aquifer, formation, group: ____________
   - Lithology: ____________

4. **Intervals Screened:**
   - Depth to consolidated rock: ____________ ft
   - Depth to basement: ____________ ft
   - Surficial material: ____________ ft

5. **Coefficient:**
   - Transmissivity (gpd/ft²): ____________
   - Storage coefficient: ____________

6. **Perm.:** ____________ gpd/ft²
   - Specific capacity: ____________ gpm/ft

7. **Update Date:**

8. **Distance from Brandon:** 3 miles

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**Legend:**
- **X:** Location symbol

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**GPO 857-700**
<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
<th>From</th>
<th>To</th>
</tr>
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<tbody>
<tr>
<td>Landowner</td>
<td>Hornetville Utilities Co.</td>
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<tr>
<td>Description of Formations Encountered</td>
<td>Red Clay</td>
<td>0</td>
<td>10</td>
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<tr>
<td></td>
<td>Yellow Clay</td>
<td>10</td>
<td>23</td>
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<tr>
<td></td>
<td>Blue Shale</td>
<td>23</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td>Lime</td>
<td>28</td>
<td>106</td>
</tr>
<tr>
<td></td>
<td>Hard Clay</td>
<td>106</td>
<td>200</td>
</tr>
<tr>
<td></td>
<td>Rock</td>
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<tr>
<td></td>
<td>Shale</td>
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<td>510</td>
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<td>Sandy Shale</td>
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<td>530</td>
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<td>Fine Sand, silt, or Slate</td>
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<td></td>
<td>Shale</td>
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<td></td>
<td>Fine Sand, silt, or Slate</td>
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<td>655</td>
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<tr>
<td></td>
<td>Sand</td>
<td>655</td>
<td>824</td>
</tr>
</tbody>
</table>

**Well Completion Data:**

1. Diameter (inches): 10"
2. Total depth (feet): 795'
3. Static water level (feet) below top of ground: 191'
4. Casing material: Steel, 739'
5. Screen length: 50', depth to top: 739'
6. Pump type: Electric, yield: 40 gpm
7. Electric log: Yes
8. Remarks: Pump not installed as of this date, capacity test has not been run.
If well telescopes please sketch and show depths.

GROUND LEVEL

\[ S W, N E, S W \]

SECTION

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen, show locations of each on sketch.
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips

DATE: 7/2/96

UNIT DEQ #: 61003-05

FILE #: 807012196

HEALTH DEPT. #: 610043-01

ELEV. 369

USGS #: L33

OLWR #: 002592

OWNER: Brandon

QUAD: Jackson SE

LOCATION: SW/SW S 7 T 5N R 3E

COUNTY: Rankin

LOCATION DESCRIPTION: Near elevated tank by Rankin General Hospital

CASING DIA: 

PUMP TYPE & SIZE: Turbine/50 HP

GPS FIELD LOCATION: LAT. 32°17'13.6"N LONG. 90°02'02.1"W

GPS CORRECTED LOCATION: LAT. 32.2872558° LONG. 90.03381649

REMARKS: Measured @ 30 west of well