HYDROGEOLOGIC CARD

 latitude-longitude N S d n s d

Physiographic Province: 13 E

Drainage Basin: 13 E

Section: N 30 S 31

Subbasin: 25

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp;

(system) (series) (aquifer, formation, group) 13 E 5

Lithology: Origin: 9 35

Aquifer Thickness: 120 ft

Length of well open to: 120 ft

Depth to top of: 380 ft

RANGE AQUIFER:

system series aquifer, formation, group

Lithology: Origin: 11 46

Aquifer Thickness:

Length of well open to:

Depth to top of:

Intervals Screened: well open

Depth to consolidated rock:

Source of data: 36

Depth to basement:

Source of data: 48

Porosity:

Infiltration characteristics:

Coefficient Characteristics:

Transmissivity: gpd/ft²

Coefficient Storage:

Coefficient Permeability: gpd/ft²; Spec. cap.: gpm/ft; Number of geologic cards:

Ed clay 0 - 20 ft

Blue rock 20 - 380 ft

Sand 380 - 500 ft

Bottom 500

Well No. H 33

GPO 937-142
**MISSISSIPPI BOARD OF WATER COMMISSIONERS**

**WATER WELL DRILLERS LOG**

**HERNANDO WELL & SUPPLY CO.**

**Date:** Sept 19, 1962

**Driller:** J.O. Galloway

**County:** Chickasaw

<table>
<thead>
<tr>
<th>(1) Owner of Land: J.O. Galloway (Name)</th>
<th>Description &amp; Color of Materials</th>
<th>Thickness Feet</th>
<th>Depth Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oklahoma, Miss.</td>
<td>Sand &amp; clay</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>(2) Location: 1/4, 1/4, Sec 26, T 13S, R 5E</th>
<th>Plunge 20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distance: 3 miles, Direction: NW, of Egypt</td>
<td>Soil 38.0</td>
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</table>

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<th>(3) Topography: Flat</th>
</tr>
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<tr>
<td>(4) Purpose of Well: Domestic</td>
</tr>
</tbody>
</table>

Information upon completion of well:

1. Diameter: **5** inches.
2. Total Depth: **500** feet.
3. Water Level: **100** feet below top of ground.
4. Cased to **23' 3"**, Size: **5"**
5. Screen: Size: **500**, Length: **500**
6. Were any formations sealed against pollution? **Yes, No.**
   - If YES depth of formation: **20 ft.**
   - Why: **Surface & Sand**

Drillers Remarks: 

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.