WELL SCHEDULE

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

RECORD CARD: JAC

Source of data: MSGS
Date: 3/69
Map: 1

State: 2
County (or town): Pontotoc
Sequential number: 5

Latitude: 34 14' 14.4"
Longitude: 90 14' 55.5"

Latitude: 34 14' 14.4"
Longitude: 90 14' 55.5"

Local use: 218 170 14.4 55.5

Owner or name: E. Pontotoc, W.A.
Address: Pontotoc, Miss.

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

Use of Stock, Inatt, Unused, Repressure, Recharge, Diesel-P.S., Diesel-other, Other


DATA AVAILABLE: Well data: 70 Freq. W/L meas.: 71 Field equip. char.

Hyd. lab. data: 72
Qual. water data: type: USGS 6/72

FREQ. SAMPLING: yes

APERTURE CARDS: yes

log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD: Depth well: 1160 ft
Depth casing: 31
Depth screen: 9 14:1
Casing type: Steel
Diam. in: 8 x 4
Finish: concrete, (perv.), (screens), gallery, end,
Method: (A) (B) (C) (D) (E)
Drilled: air bored, cable, dug, hyd jetted, air reverse trenching, driven, drive
rot., rot., percussion, rotary, wash.
Date Drilled: 2/69
Pump intake setting:

Driller: Herman Homan

Lift (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L)

Power: diesel, elec, gas, gasoline, hand, gas, wind, H.P.

Descrip. HP: 40

Alt. LSD: 501
Accuracy: 400

Water Level: above: 301
Accuracy: 100

Date: 3/69
Yield:

Drawdown:

QUALITY OF WATER DATA: Iron 
Sulfate 
Chloride 

Sp. Conduct: 400
Temp.: 220

Taste, color, etc.: pH = 7.9
HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: 0:3

Drainage Basin: 1:3:3

Section:

Subbasin:

Topo of well site:

MAJOR AQUIFER:

Lithology:

System:

Series:

Origin:

Aquifer:

Thickness:

Length of well open to:

Depth to top of:

MINOR AQUIFER:

Lithology:

System:

Series:

Origin:

Aquifer:

Thickness:

Length of well open to:

Depth to top of:

Interval Screened: 941-951 ; 964-974 ; 997-1037 ; 1060-1080

Depth to consolidated rock:

Depth to basement:

Surficial material:

Coefficient Trans:

Coefficient Perm:

Source of data:

Infiltration characteristics:

Storage:

Spec. cap:

Number of geologic cards:

2 gpm 1 ft reported
<table>
<thead>
<tr>
<th>Landowner</th>
<th>Pontotoc Water District, Pontotoc, Miss.</th>
</tr>
</thead>
<tbody>
<tr>
<td>WELL LOCATION:</td>
<td>sec. 19 T. R. 4 S.</td>
</tr>
<tr>
<td>distance</td>
<td>2 miles</td>
</tr>
<tr>
<td>direction</td>
<td>North of town</td>
</tr>
<tr>
<td>Nearest town</td>
<td>Hinds</td>
</tr>
<tr>
<td>WELL PURPOSE:</td>
<td>Community (for home, irrigation, municipal, industrial)</td>
</tr>
</tbody>
</table>

**WELL COMPLETION DATA:**

<table>
<thead>
<tr>
<th>(1) diameter (inches)</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>(2) total depth (feet)</td>
<td>1074</td>
</tr>
<tr>
<td>(3) static water level (feet) below top of ground</td>
<td>301</td>
</tr>
<tr>
<td>(4) casing</td>
<td>Steel 934</td>
</tr>
<tr>
<td>(5) screen</td>
<td>80</td>
</tr>
<tr>
<td>(6) pump</td>
<td>Electric</td>
</tr>
<tr>
<td>(7) electric log</td>
<td>Yes</td>
</tr>
<tr>
<td>(8) how well bottom plugged</td>
<td>Hard Rock 1162</td>
</tr>
</tbody>
</table>

**Descripiton of Formations encountered:**

<table>
<thead>
<tr>
<th>From</th>
<th>(particle)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>15</td>
<td>Black Sand (hard)</td>
</tr>
<tr>
<td>22</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>24</td>
<td>Hard Rock</td>
</tr>
<tr>
<td>31</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>45</td>
<td>Sandstone</td>
</tr>
<tr>
<td>76</td>
<td>Tongue, Sand (hard)</td>
</tr>
<tr>
<td>100</td>
<td>Sandy Shale (Black)</td>
</tr>
</tbody>
</table>

**WATER WELL DRILLERS LOG**

**MISSISSIPPI BOARD OF WATER COMMISSIONERS**

416 North State Street
Jackson, Mississippi 39201

**MAY 27, 1969**
If well telescopcs please sketch and show depths.

GROUND LEVEL

SECTION 59

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen, show locations of each on sketch.