GW1250A  NEED TO CALL
DOH #007001-2-01
33° 53' 55.70"  89° 13' 23.49"  GSPd 12/4/96 PP/DH

Well No.

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

MASTER CARD
Record by P.E. Graham
Source of Date: Drh. & E Log. Date: 5-16-67
Map: Highway 1220
State: Mississippi 35 6 (12) 8 (County): Calhoun 23 0 0 0 7
Latitude: 33° 53' 55.70" (N) 0 8 9 1 3' 23.49"
Longitude: 89° 13' 55.70" (W) 0 8 9 1 3' 23.49"
Sequential number: 1

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

Use of Water: Stock, Irrig, Coal, Gas, Oil, Geo, Geo, Geo, Geo, Geo

Well: Trench, Grouting, Boring, Drill, Dev, Dev, Dev, Dev, Dev


Well head level: -200 m

WELL-DESCRIPTION CARD
SAME AS ON MASTER CARD
Depth well: 18.30 ft 1.830 Meas. acc. accuracy
Depth cased: 1790 ft 1.790
Casing type: Steel
Diam.: 8 in
Finish: grooved, grouted, open, concrete, gallery, etc.
Method: drill, bore, cable, auger, etc.
Drilled: air, reverse, trenching, driven, etc.
Drill: Ray Louns
Lift (type): air, bucket, jet, multiple, etc.
Power (type): diesel, gas, etc.

Descrip. MP: 360 ft (10.99)

Water Level: -90 ft below MP

DATE: 5-67 Pump intake setting: 210 ft

Sp. Conduct: 1620 k x 105 Tmp. 28.42 ft/d 0.07

Taste, color, etc.: pH: 7.3 ft 2 Total Solids: 529 Sb.
**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD**

- **Physiographic Province:** [Blank]
- **Section:** 03
- **Drainage Basin:** [Blank]
- **Subbasin:** [Blank]
- **Topo of Well Site:**
  - Depression, stream channel, dunes, flat, hilltop, sink, swamp
- **MAJOR AQUIFER:**
  - System: [Blank]
  - Series: [Blank]
  - Aquifer, formation, group: [Blank]
  - Lithology: [Blank]
  - Origin: 12
  - Aquifer Thickness: [Blank] ft
  - Length of Well Open To: 418 ft
  - Depth to Top Of: 1700 ft
  - Minor Aquifer:
    - System: [Blank]
    - Series: [Blank]
    - Aquifer, formation, group: [Blank]
    - Lithology: [Blank]
    - Origin: [Blank]
    - Aquifer Thickness: [Blank] ft
    - Length of Well Open To: [Blank] ft
    - Depth to Top Of: [Blank] ft

**Intervals Screened:** 40' 55' 60' 61.1 020' 61.6' in Well

- **Depth to Consolidated Rock:** [Blank] ft
- **Depth to basement:** [Blank] ft
- **Surficial material:** [Blank]
- **Coefficient:** [Blank] fps
- **Coefficient:** [Blank] fps
- **Formation:** [Blank]

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**Henderson Clays, Pump:**

- Static Level: 164
- Pumping: 182 gpm @ 1370 qpm

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F. E. Tumlinson, Engr

Population: 350 (94 families)
<table>
<thead>
<tr>
<th>LANDOWNER:</th>
<th>description of formations encountered</th>
<th>from</th>
<th>to</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Liberty Water</td>
<td>Red Clay &amp; Ped</td>
<td>0</td>
<td>80</td>
</tr>
<tr>
<td>Acen-Vardaman Miss</td>
<td>Rock &amp; Red Sand</td>
<td>80</td>
<td>230</td>
</tr>
<tr>
<td>Blue Clay &amp; Shale</td>
<td>230</td>
<td>1000</td>
<td></td>
</tr>
<tr>
<td>WELLS LOCATION:</td>
<td>Blue Clay &amp; Shale</td>
<td>1000</td>
<td>1400</td>
</tr>
<tr>
<td>5 miles NW of Vardaman</td>
<td>Guano Shale</td>
<td>1400</td>
<td>1600</td>
</tr>
<tr>
<td>(distance) (direction) (nearest town)</td>
<td>Guano Shale</td>
<td>1600</td>
<td>1832</td>
</tr>
</tbody>
</table>

| WELL PURPOSE: Municipal (home, irrigation, municipal, industrial) |

<table>
<thead>
<tr>
<th>WELL COMPLETION DATA:</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) diameter (inches)</td>
</tr>
<tr>
<td>(2) total depth (feet)</td>
</tr>
<tr>
<td>(3) static water level (feet) above top of ground</td>
</tr>
<tr>
<td>(4) casing material</td>
</tr>
<tr>
<td>(size)</td>
</tr>
<tr>
<td>(depth)</td>
</tr>
<tr>
<td>(5) screen length</td>
</tr>
<tr>
<td>(depth to top)</td>
</tr>
<tr>
<td>(6) pump yield (gpm)</td>
</tr>
<tr>
<td>(HP)</td>
</tr>
<tr>
<td>(7) electric (yes or no)</td>
</tr>
<tr>
<td>(equipment)</td>
</tr>
<tr>
<td>(8) how well bottom plugged</td>
</tr>
</tbody>
</table>

| DRILLERS REMARKS: |
If well telescopes please sketch and show depths.

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

SECTION

Please indicate well location X.

ADDITIONAL INFORMATION
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin  DATE: 12/4/96

UNIT DEQ #: ______________________ FILE #: A120417G

HEALTH DEPT. #: 070012 - 01  ELEV. 350'

USGS #: H 5  OLWR #: 6W12509

OWNER: New Liberty, W.A.  QUAD: vardaman

LOCATION: SW/SE/SW/SW 32 T 13 S R 1 E  COUNTY: Calhoun

LOCATION DESCRIPTION: On County Rd 431, 0.8 miles west of Cr 433; 0.2 miles east of Cr 420

CASING DIA: _______ PUMP TYPE & SIZE: Submersible

GPS FIELD LOCATION: LAT. 33°53.961 'N  LONG. 89°13.383 'W

GPS CORRECTED LOCATION: LAT. 33° 53' 55.70"  LONG. 89° 13' 23.49"

REMARKS:  Measured 30' south of well

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________________________________________________________

33° 53' 55.70"  89° 13' 23.49"