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

MASTER CARD
Record by: (Name)
Source of data: Obs. dall.. Loc. Date: 4/28/11

State: Miss.
County: Lee
Local number: 17

Latitude: 34° 10' 58.5" N
Longitude: 89° 31' 39" W

Well use: TUPELO

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

Use of water: Stock, Instill, Unused, Recharge, Recharge, Dose-PS, Dealt.-or, Other,

DATA AVAILABLE:
Well data: Field aquifer char.
Hyd. lab. data: 
Qual. water data: type:
Freq. sampling:
Pumping inventory: yes, period:
Aperture cards:

WELL-DESCRIPTION CARD
Depth well: 423 ft
Depth casing: 3:3:4 ft
Casing size: 12 X 4 in.

Finish: concrete, (perfor.), screen, ad., shored, open, hole
Method: bored, cable, dug, hyd. jetted, reverse trenching, driven, drive

Date Drilled: 9-7-11

Driller: Herndon Moore

Lift: (A) (B) (C) (D) (E) (F) (H) (P) (B) (E) (G) (T) (B)

Power: diesel, electric, gas, gasoline, hand, gas, wind, L.P.

Descrip. MP:

Alt. LSD: 310 ft
Water: 149 ft above LSD

Data:

Yield: 6.2 gpm
Sodium:
Chloride:
Temp.:

Taste, color, etc.
<table>
<thead>
<tr>
<th>LANDOWNER:</th>
<th>City of Tupelo</th>
<th>description of formations encountered</th>
<th>from</th>
<th>to</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Water &amp; Light Dept.</td>
<td>Red Clay</td>
<td>0</td>
<td>12</td>
</tr>
<tr>
<td>Tupelo, MS</td>
<td>White Sand</td>
<td>12</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Blue Clay</td>
<td>30</td>
<td>90</td>
<td></td>
</tr>
<tr>
<td>WELL LOCATION:</td>
<td></td>
<td>Sand</td>
<td>90</td>
<td>338</td>
</tr>
<tr>
<td>sec. 18 T 9 R 6 N</td>
<td>Clay (sand strata)</td>
<td>338</td>
<td>368</td>
<td></td>
</tr>
<tr>
<td>0 miles</td>
<td>Sand (clay strata)</td>
<td>368</td>
<td>390</td>
<td></td>
</tr>
<tr>
<td>(distance)</td>
<td>Clay</td>
<td>390</td>
<td>398</td>
<td></td>
</tr>
<tr>
<td>(direction)</td>
<td>Shale</td>
<td>398</td>
<td>438</td>
<td></td>
</tr>
<tr>
<td>(nearest town)</td>
<td>Sand</td>
<td>438</td>
<td>468</td>
<td></td>
</tr>
<tr>
<td>WELL PURPOSE:</td>
<td>SU</td>
<td>Sand</td>
<td>468</td>
<td>576</td>
</tr>
<tr>
<td>(home, irrigation, municipal, industrial)</td>
<td>Shale</td>
<td>576</td>
<td>620</td>
<td></td>
</tr>
<tr>
<td>WELL COMPLETION DATA:</td>
<td></td>
<td>Sand</td>
<td>620</td>
<td>499</td>
</tr>
<tr>
<td>(1) diameter (inches)</td>
<td>12 x 8</td>
<td></td>
<td>dusite (streaked sand)</td>
<td>428</td>
</tr>
<tr>
<td>(2) total depth (feet)</td>
<td>576</td>
<td></td>
<td>Blower sand</td>
<td>459</td>
</tr>
<tr>
<td>(3) static water level (feet)</td>
<td>149 below top of ground</td>
<td></td>
<td>Summit</td>
<td>475</td>
</tr>
<tr>
<td>(4) casing (material)</td>
<td>Steel</td>
<td>494</td>
<td>525</td>
<td></td>
</tr>
<tr>
<td>(depth)</td>
<td></td>
<td></td>
<td>Group sand</td>
<td>525</td>
</tr>
<tr>
<td>(5) screen (size)</td>
<td>8</td>
<td>Stainless Steel</td>
<td>576</td>
<td>620</td>
</tr>
<tr>
<td>(length)</td>
<td>24</td>
<td>(depth to top)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(6) pump (HP)</td>
<td>300</td>
<td>Electric</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(yield gpm)</td>
<td></td>
<td>(type power)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(7) electric log</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(yes or no)</td>
<td></td>
<td></td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>(organization running log)</td>
<td></td>
<td></td>
<td></td>
<td>7</td>
</tr>
<tr>
<td>(8) how well bottom plugged</td>
<td>Yes</td>
<td></td>
<td>B.W. Valve</td>
<td></td>
</tr>
<tr>
<td>DRILLERS REMARKS:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
If well telescopes please sketch and show depths.

GROUND LEVEL

Top of well
280'

68' 8
Blank
48' 5'

55 seconds

5' 55 Blank

32' 8"

8' well

55 seconds

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): Phillips/Jennings          DATE: 4/26/94
UNIT DEQ #: 82857                      FILE #: A042621A
HEALTH DEPT. #: 410015-10              ELEV. 310
USGS #: H105                          OLWR #: G086838
OWNER: Tupelo                      Quad: Tupelo
LOCATION: SW S 34 T9 S R16E COUNTY: Lee
LOCATION DESCRIPTION: Freeoater Lake well

CASING DIA:             PUMP TYPE & SIZE:             

GPS FIELD LOCATION: LAT. 34°15.423 LONG. 88°39.663
                    34.257046 88.661715
GPS CORRECTED LOCATION: LAT. 34°15.25.355 LONG. 88°39.42.167

REMARKS: 


Map center is 34° 15' 25"N, 88° 39' 42"W (WGS84/NAD83)

**Tupelo quadrangle**

Projection is UTM Zone 16 NAD83 Datum