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

WELL SCHEDULE

MASTER CARD

Record by: G. J. Dalsin
Source of data: F-100
Date:

State: Mississippi
County: Chickasaw

Latitude: N 33° 03' 54"
Longitude: E 90° 10' 25"

Lea-long:

Local well number: K 10-45 R 8 B 04 I 18 S 8 O 2 E

Owner or name: City of Houston
Address:

Ownership:

Use of water:

DATA AVAILABLE:

Well data:
Freq. W/L meas.:

Hyd. lab. data:
Qual. water data:

FREQ. SAMPLING:
Pumpage inventory:

Aperture cards:
Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well:

Casing:

Type:

Diam.:

Finish:

Method:

Drilled:

Date:

Driller:

Lift:

Power:

Descr. MP:

Alt. L.S.D.:

Water Level:

Date meas.:

Drawdown:

QUALITY OF WATER DATA:

Sp. Conduct:

Taste, color, etc.

pH:

1/31/76
**HYDROGEOLOGIC CARD**

**Well No. 445**

<table>
<thead>
<tr>
<th>Latitude-longitude</th>
<th>N</th>
<th>S</th>
<th>E</th>
<th>W</th>
</tr>
</thead>
</table>

**Physiographic Province:**

**Drainage Basin:**

**Section:**

**Subbasin:**

**Top of depression, stream channel, dunes, flat, hilltop, sink, swamp, well site:**

- offshore, pediment, hillside, terrace, undulating, valley flat

**MAJOR AQUIFER:**

- system
- series
- aquifer, formation, group

**Lithology:**

- Origin
- Aquifer
- Thickness

**Length of well open to:**

- ft

**Depth to top of:**

- ft

**MINOR AQUIFER:**

- system
- series
- aquifer, formation, group

**Lithology:**

- Origin
- Aquifer
- Thickness

**Length of well open to:**

- ft

**Depth to top of:**

- ft

**Intervals Screened:**

**Depth to consolidated rock:**

- ft

**Source of data:**

**Depth to basement:**

- ft

**Source of data:**

**Surficial material:**

- Infiltration characteristics

**Coefficient:**

- Trans
- Storage

**Coefficient:**

- Form

**Arrola** 676'

**Eutaw** 784'

**McShan** 2'

**Gordo** 1052'

**Coker** 1412'

**Town of Houston, Miss.**

**UP-DATED**

**GPO 937-142**
MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

WATER WELL DRILLERS LOG

Aug 1, 1970
T. M. PARKS
Chickasaw

<table>
<thead>
<tr>
<th>LANDOWNER</th>
<th>CITY OF</th>
<th>description of formations encountered</th>
<th>from</th>
<th>to</th>
</tr>
</thead>
<tbody>
<tr>
<td>Houston</td>
<td>Miss</td>
<td>Big. Clay w/sandstone</td>
<td>0</td>
<td>108</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sand w/ shale (strata)</td>
<td>108</td>
<td>2, 44</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Clay w/chalk</td>
<td>2, 44</td>
<td>5, 45</td>
</tr>
<tr>
<td></td>
<td></td>
<td>White chalk</td>
<td>5, 45</td>
<td>6, 70</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Clay Gumbo</td>
<td>6, 70</td>
<td>7, 104</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sand/shale (fine)</td>
<td>7, 104</td>
<td>8, 83</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Clay/shale/shale</td>
<td>8, 83</td>
<td>9, 90</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sand w/hardpan</td>
<td>9, 90</td>
<td>9, 105</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Good Sand</td>
<td>9, 105</td>
<td>9, 105</td>
</tr>
</tbody>
</table>

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

WELL COMPLETION DATA:
(1) diameter (inches) 12"
(2) total depth (feet) 1052
(3) static water level (feet) 182 below top of ground
(4) casing (material) Steel, 900' (depth)
(5) screen (length) 128' 920' (depth to top)
(6) pump (size) 8" Stainless (material)
(7) pump (HP) 100 (yield gpm) 600
(8) electric log YES

3 PHASE
(type power)

U.S. Survey
(organization running log)

BPV
(how well bottom plugged)

DRILLERS REMARKS:

Coded
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 7/31/97
UNIT DEQ #: _______________ FILE #: B073114A
HEALTH DEPT. #: 090005-02 ELEV. 340'
USGS #: K45 OLWR #: GW00691
OWNER: City of Houston QUAD: Houston East
LOCATION: NW/NW S 4 T 14S R 3E COUNTY: Chickasaw
LOCATION DESCRIPTION: At elevated tank on Washington St

CASING DIA: _______ PUMP TYPE & SIZE: Turbine 100 HP
GPS FIELD LOCATION: LAT. 33° 53' 53.3"N LONG. 88° 59' 45.2"W
GPS CORRECTED LOCATION: LAT. 33.891855 LONG. 88.99583794
REMARKS: well measured 15' south of well


