**WELL SCHEDULE**

**U.S. DEPT. OF THE INTERIOR**

**GEOLOGICAL SURVEY**

**WATER RESOURCE PROGRAM**

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**MASTER CARD**

- **Record by:** BOWC
- **Source of data:** BOWC
- **Date:** 11/71
- **Map:** Morton

**State:** Scott
- **County (or town):** Scott
- **Sequential number:** 3

**Latitude:** 32° 21' 12" N
- **Longitude:** 98° 13' 20" W
- **Lat-long derived:** 1811661, 2824767 (Sec 24, T. 60 N, R. 4 E, NE 1/4 4, NE 1/4)

**Local well number:** 103241824016
- **Other number:** 5 & M

- **Owner or name:** Morton, Inc.
- **Address:** Production well

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

**Use of water:** Stock, Instn, Unused, Recharge, Recharge, Desal-P, Desal-other

**DATA AVAILABLE:**
- **Well data:** N
- **Freq. W/L means:** N
- **Field aquifer chare:** N

**Hyd. lab. data:** N

**Qual. water data:**
- **Type:** USGS
- **Date:** 4/13/73

**Freq. sampling:**
- **Type:** N
- **Pumping inventory:** Yes
- **No. Period:** Yes

**Aperture cards:**
- **Log date:** 6/10/71

**WELL-DESCRIPTION CARD**

- **Depth well:** 175.2 ft
- **Casing:** 83.2 ft
- **Type:** Stee
- **Diam.:** 4 in
- **Finish:** concrete, (perf.), (screen), gallery, etc

- **Method:** Air bored, cable, dug, hyd jetted, air reverse trenching, driven, drive
- **Rot.:** Percussion, Rotary, other

- **Date Drilled:** 2/4/71
- **Pump intake setting:** 4 ft

**Driller:** Jackson

**Lift:**
- **Type:** air, bucket, cent, jet, (cent.) (curb.)

**Power:**
- **Type:** Diesel, Elec, Gas, Gasoline, Hand, Gas, Wind, H.P.
- **Trans. or meter no.:** 125 W
- **Des. HP:** 245.5

**Alt. LSD:** 145.0
- **Accuracy:** est.

**Water Level:** 228 ft above
- **Method:** above LSD, below MP
- **Accuracy:** 2.28

**Data:**
- **Date:** 2/11/71
- **Yield:** 2.0 A

**QUALITY OF WATER DATA:**
- **Iron:** ppm
- **Sulfate:** ppm
- **Chloride:** ppm
- **Hard.:** ppm
- **Temp.:** 26.0°C
- **Sp. Conduct:** 33.0 K x 10^3 µmhos/cm

**Taste, color, etc.:** Ph 7.2, Clear
USGS/MSD grad T550 sand
Color high speed: 940
# WATER WELL DRILLERS LOG

**MISSISSIPPI BOARD OF WATER COMMISSIONERS**
416 North State Street
Jackson, Mississippi 39201

**WATER WELL DRILLERS LOG**

**SCOTT**
**J 32**
2-19-71

<table>
<thead>
<tr>
<th>LANDOWNER</th>
<th>description of formations encountered</th>
<th>from</th>
<th>to</th>
</tr>
</thead>
<tbody>
<tr>
<td>City of Morton, Morton, Miss. (mailing address)</td>
<td>Brunn Clay</td>
<td>0</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>Rock</td>
<td>15</td>
<td>53</td>
</tr>
<tr>
<td></td>
<td>Clay</td>
<td>53</td>
<td>328</td>
</tr>
<tr>
<td></td>
<td>Clay</td>
<td>328</td>
<td>460</td>
</tr>
<tr>
<td></td>
<td>Clay</td>
<td>460</td>
<td>560</td>
</tr>
<tr>
<td></td>
<td>Clay</td>
<td>560</td>
<td>665</td>
</tr>
<tr>
<td></td>
<td>Clay</td>
<td>665</td>
<td>616</td>
</tr>
<tr>
<td></td>
<td>Clay</td>
<td>616</td>
<td>628</td>
</tr>
<tr>
<td></td>
<td>Clay</td>
<td>628</td>
<td>630</td>
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<tr>
<td></td>
<td>Clay</td>
<td>630</td>
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<tr>
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<td>Clay</td>
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<td>640</td>
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<tr>
<td></td>
<td>Clay</td>
<td>640</td>
<td>645</td>
</tr>
<tr>
<td></td>
<td>Clay</td>
<td>645</td>
<td>646</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WELL LOCATION</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>34.62 N 89.6 E</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WELL PURPOSE</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Municipal (home, irrigation, municipal, industrial)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WELL COMPLETION DATA</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) diameter (inches)</td>
<td>16&quot;</td>
<td></td>
</tr>
<tr>
<td>(2) total depth (feet)</td>
<td>725</td>
<td></td>
</tr>
<tr>
<td>(3) static water level (feet) below top of ground</td>
<td>228</td>
<td></td>
</tr>
<tr>
<td>(4) casing</td>
<td>Steel, 75&quot;</td>
<td></td>
</tr>
<tr>
<td>(material)</td>
<td>Steel</td>
<td></td>
</tr>
<tr>
<td>(depth)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If telescope see back.</td>
<td>L</td>
<td></td>
</tr>
<tr>
<td>(size)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(5) screen</td>
<td>80&quot;</td>
<td></td>
</tr>
<tr>
<td>(length)</td>
<td>75&quot;</td>
<td></td>
</tr>
<tr>
<td>(depth to top)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(material)</td>
<td>Steel</td>
<td></td>
</tr>
<tr>
<td>(size)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(6) pump</td>
<td>125 HP</td>
<td></td>
</tr>
<tr>
<td>(yield gpm)</td>
<td>700 G.P.M.</td>
<td></td>
</tr>
<tr>
<td>(type power)</td>
<td>Electric</td>
<td></td>
</tr>
<tr>
<td>(7) electric log</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>(yrs or mo)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(8) how well bottom plugged</td>
<td>Valve</td>
<td></td>
</tr>
</tbody>
</table>

**DRILLERS REMARKS:**

**FEB 24 1971**
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT
GPS LOG

USER NAME(S): Hardin/Phillips

DATE: 4/24/97

UNIT DEQ #:

FILE #: A042414C

HEALTH DEPT. #: 620009 - 01

ELEV. 498-452

USGS #: J32 W790104 OLWR #: 6W-01923 W790104

OWNER: City of Morton

QUAD: Morton

LOCATION: NE/NW Sec 24 T6N R6E

COUNTY: Scott

LOCATION DESCRIPTION: North of Hwy 80 just past cement plant

CASING DIA: 
PUMP TYPE & SIZE: Turbine 125 HP

GPS FIELD LOCATION: LAT. 33°21.825'N LONG. 89°38.179'W

GPS CORRECTED LOCATION: LAT. 32°35'72.929' LONG. 89°63'632915

REMARKS: Measured 18' west of well

4/22/03 Ww
32.35376
89.63627

Tagged Lw
10/13/04
32.35381
89.63640
Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-01423

County: SCOTT  Owner: MORTON, CITY OF
Aquifer: SPRT  USGS No: J0032  BOH No: 0620009-01
Location: NE 1/4 of the NW 1/4 of SEC 24  TWN 06N  RNG 06E  Lat: 322114  Long: 893811
Quad: MORTON  District: N/A
Date Issued: 11-FEB-86  Date Renewed: 27-FEB-96  Date Expired: 11-FEB-06

Applicant: MORTON, CITY OF  Address 1: P. O. BOX 555
Address 2: N/A  Address 3: N/A
City: MORTON  State: MS  Zip: 39117
Owner: MORTON, CITY OF  Address 1: P. O. BOX 555
Address 2: N/A  Address 3: N/A
City: MORTON  State: MS  Zip: 39117
Driller: LAYNE CENTRAL

Maximum Rate: 770
Amount Withdrawn Acre feet: 660.9883
Amount Withdrawn Mgd: .59

Use  Casing  Screen
MUNICIPAL  Type: STEEL  Type: STAINLESS STEEL
Diameter: 16  Diameter: 8
Length: 752  Length: 80