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

WELL SCHEDULE

MASTER CARD

Record by: J. D. Callahan
Source: Chl. Blossom -
Date: July 17 - 66

State: Miss. 2 8
County: Scott 6 2

Latitude: 32° 21' 27" N
Longitude: 89° 24' 17" W

Local well number: MO 02, C 17, G 6, N 08E

Owner: Sundown, M.E.C. Co. 36 44

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Water

Stock, Instil, Unused, Repurpose, Recharge, Desal-P S, Desal-other, Other

Well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed

DATA AVAILABLE: Salt data: Frequency: Y

Qual. water data: yes

Freq. sampling: yes

Pumping inventory: no

Aperture cards: no

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 1220.3 Meas.

Depth casing: 1220 ft

Casing: 12 in

Finish: gravel

Method: Drilled

Drilled: Niel 1962 - 9 6 2

Pump intake setting: ft

Lift: LP

Power: Shallow

Descr. MP: above

Alt. LSP: 465.7

Date: 11 17 - 66

Yield: 300

Drawdown: ft

QUALITY OF WATER DATA:

Iron: 1.7 ppm

Sulfate: 98 ppm

Chloride: 1.7 ppm

Sp. Conduct: 370 K x 10^{-3}

Temp: °F

Date sampled:

Tests, color, etc.

71' when drilled
### HYDROGEOLOGIC CARD

**Well No.** M2

**Latitude-longitude** 32° 21' 27.50', 24° 17' 39.87'

**Physiographic Province:**

<table>
<thead>
<tr>
<th>Drainage Basin</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>1.37</td>
</tr>
</tbody>
</table>

**Subbasin:**

- Depression, stream channel, dunes, flat, hilltop, sink, swamp.
- Offshore, sediment, hillsides, terraces, undulating, valley flat.

**MAJOR SERIES**

- Tertiary
  - System: C0
  - Series: Eocene
  - Aquifer: Eocene
  - Aquifer, formation, group: CO

**Lithology:**

<table>
<thead>
<tr>
<th>Length of well open to</th>
<th>Depth to top of</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>16.0</td>
<td>2.20</td>
<td></td>
</tr>
</tbody>
</table>

**Minor Aquifer:**

- System: C0
- Series: Eocene
- Aquifer: Eocene
- Aquifer, formation, group: CO

**Lithology:**

<table>
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<tr>
<th>Length of well open to</th>
<th>Depth to top of</th>
<th>Thickness</th>
</tr>
</thead>
</table>

**Intervals Screened:** 60' x 8'

**Depth to consolidated rock:**

<table>
<thead>
<tr>
<th>Source of data</th>
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<td></td>
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</table>

**Depth to basement:**

<table>
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<tr>
<th>Source of data</th>
</tr>
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<tbody>
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<td></td>
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</table>

**Silty Clay Infiltration characteristics:**

<table>
<thead>
<tr>
<th>Characteristics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Very Poor</td>
</tr>
</tbody>
</table>

**Coefficient:**

<table>
<thead>
<tr>
<th>Trans.</th>
<th>Storage</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Perm.</th>
<th>Spec. cap.</th>
<th>gpd/ft²</th>
<th>gpm/ft</th>
<th>Number of geologic cards</th>
</tr>
</thead>
</table>

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![Map and Diagram](attachment:image.jpg)

- **Forest City, Co. well**

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**Additional Notes:**

- Yellow Clay 15
- Blue Clay 164
- Sandstone 160
- Fine sand 180
- Very fine sand 220
- Sand 290
- Clay 290
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT
GPS LOG

USER NAME(S): Hardin/Phillips

DATE: 5/1/97

UNIT DEQ #: 

FILE #: A050114A

HEALTH DEPT. #: 620019-01

ELEV. 447

USGS #: M2 8/10/94

OLWR #: 6W-0994 8/10/94

OWNER: Hughes Aircraft

QUAD: Forest

LOCATION: SW/SE S 17 T 19N R 9E COUNTY: Scott

LOCATION DESCRIPTION: About 200 ft east of water tank at Hughes Aircraft

CASING Dia: 12"
PUMP TYPE & SIZE: Turbine 30 HP

GPS FIELD LOCATION: LAT. 32°21.378'N  
LONG. 89°24.120'W

GPS CORRECTED LOCATION: LAT. 32.356282  
LONG. 89.40202301

REMARKS: 

10/13/04 32.35629 89.40197 1101

Tagged by Linn

[Signature]
Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-09914

County: SCOTT

Owner: SCOTT COUNTY BOARD OF SUPERVISORS

Aquifer: CCKF

USGS No: MC0002

BOH No: 0620019-01

Location: SW 1/4 of the SW 1/4 of SEC 17 TWN 06N RNG 09E

Lat: 322124 Long: 892408

Quad: FOREST

District: N/A

Date Issued: 22-NOV-88

Date Renewed: 09-MAR-99

Date Expired: 09-MAR-09

Applicant: RAYTHEON SYSTEMS MISSISSIPPI

Address 1: 19859 HIGHWAY 80

Address 2: N/A

Address 3: N/A

City: FOREST

State: MS Zip: 39074

Driller: LAYNE CENTRAL COMPANY

Owner: SCOTT COUNTY BOARD OF SUPERVISORS

Address 1: P. O. DRAWER 630

Address 2: N/A

Address 3: N/A

City: FOREST

State: MS Zip: 39074

Maximum Rate: 300

Amount Withdrawn Acre feet: 0

Amount Withdrawn Mgd: 0

Use
STANDBY INDUSTRIAL

Casing
Type: STEEL
Diameter: 12
Length: 220

Screen
Type: STAINLESS STEEL
Diameter: 8
Length: 60