**WELL SCHEDULE**

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

**GEOLOGICAL SURVEY**

**WATER RESOURCES DIVISION**

**SPRT**

**Gw 09913(SB)**

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**MASTER CARD**

- **Record by:** A. Callahan
- **Source:** Mar. Map of Scott Co., Ill.
- **Date:** 4-67
- **Map:** Scott Co.
- **County:** Scott
- **State:** Ill.
- **Lat.-Long.:** 36° 22' 21" N, 89° 00' 00" W
- **Location:** 0.90 A 4.06 N 0.05 E
- **Owner or Name:** John Smith
- **Address:** 123 Forest Ave.
- **Ownership:** Private, State Agency, Water Dist.
- **Use of:** Air cond, Bottling, Com, Deawater, Power, Fire, Dom, Irr.
- **Water:** Stock, Inst. Uns, Recharge, Recharge, Deawater, Other
- **Data Available:** Well data, Freq. W/L meas.
- **Qual. Water Data:** type:
- **Freq. Sampling:** yes
- **Aperture cards:** yes
- **Log date:** E 10-806 #53
- **Driller:** Forest Dr. Co.
- **Lift:** (a) (b) (c) (d) multiple, multiple, none, piston, rot., auger, ctn.
- **Power:** (a) (b) (c) (d) (e) (f) (g) (h) (i) (j) (k) (l) (m) (n) (o) (p) (q) (r) (s) (t) (u) (v) (w) (x) (y) (z)
- **Descrip. HP:**
- **Water Level:** 152 ft.
- **Date meas:** 2/25/65
- **Flow:** 21.65 gpm
- **Yield:** 0.54 or 1.28
- **Drawdown:**
- **Quality of Water Data:** Iron, Sulfate, Chloride
- **Sp. Conduct:** 100 ppm
- **Temp.:**
- **Taste, color, etc.:**

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**WELL-DESCRIPTION CARD**

- **Depth Wells:** 596 ft.
- **Depth Card:** 540 ft.
- **Casing:** 540 ft.
- **Casing:** Steel
- **Diam.:** 16 in.
- **Method:** air, bore, cable, dog, jetted, air reverse trenching, driven, drive, percussion, rotary.
- **Date Drilled:** 12/64
- **Pump intake setting:** 9.67 ft.

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**Notes:**
- **Field aquifer char.:**
- **Owner:** John Smith
- **Address:** 123 Forest Ave.
- **Qual. water data:** type:
- **Freq. sampling:** yes
- **Aperture cards:** yes
- **Log date:** E 10-806 #53
- **Driller:** Forest Dr. Co.
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**DROGEOLIGC CARD**

<table>
<thead>
<tr>
<th>Physiographic Province:</th>
<th>03</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drainage Basin:</td>
<td>L3T</td>
</tr>
<tr>
<td>Subbasin:</td>
<td>30 21</td>
</tr>
</tbody>
</table>

**Tertiary**

<table>
<thead>
<tr>
<th>System</th>
<th>Series</th>
<th>Aquifer, Formation, Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Borehole**

<table>
<thead>
<tr>
<th>Length of well open to</th>
<th>50 Ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth to top of</td>
<td></td>
</tr>
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</table>

** Bedrock**

<table>
<thead>
<tr>
<th>Length of well open to</th>
<th>540 - 590</th>
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</thead>
<tbody>
<tr>
<td>Source of data:</td>
<td></td>
</tr>
<tr>
<td>Infiltration characteristics:</td>
<td>Very Poor</td>
</tr>
<tr>
<td>Candidate: 3 ft-d</td>
<td>Spec cap:</td>
</tr>
<tr>
<td>Storage:</td>
<td>Number of geologic cards:</td>
</tr>
</tbody>
</table>

Very corrosive. Pump column has been replaced twice in past year. Threads eating away at joints.

11' state \( \frac{4}{3} \) gpm/ft \( \frac{s}{11/87} \)
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin

DATE: 5/1/97

UNIT DEQ #: ______________________

FILE #: A050114B

HEALTH DEPT. #: 620019-02

ELEV. 452.9 8/19/04

USGS #: M1 1994-94

OLWR #: 6W-09913 8/19/04

OWNER: Hughes Aircraft

QUAD: Forest

LOCATION: SW/SW S 17 T 6 N R 9 E

COUNTY: Scott

LOCATION DESCRIPTION: Well 100' south of 620019-01 at Hughes Aircraft

CASING DIA: 6"

PUMP TYPE & SIZE: Submersible

GPS FIELD LOCATION: LAT. 32° 21.367'N

LONG. 89° 24.132'W

GPS CORRECTED LOCATION: LAT. 32.356115

LONG. 89.40219880

REMARKS:

Tagged LWV

10/13/04

32, 356.1

89, 402.2

100
Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-09513

County: SCOTT
Aquifer: SPRT
Location: SW 1/4 of the SW 1/4 of SEC 17
Quad: FOREST

Owner: SCOTT COUNTY BOARD OF SUPERVISORS
USGS No: M0001
BOH No: 0620019-02

TWN 06N RNG 09E Lat: 322122 Long: 892408

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: FOREST DRILLING SERVICE

Maximum Rate: 90
Amount Withdrawn Acre feet: 0
Amount Withdrawn Mgd: 0

Use
STANDBY
INDUSTRIAL

Casing
Type: STEEL
Diameter: 6
Length: 540

Screen
Type: STAINLESS STEEL
Diameter: 5
Length: 50