**WELL SCHEDULE**

**FORM 9-1642**

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

**GEOLOGICAL SURVEY**

**WATER RESOURCES DIVISION**

**DEC 8 1972**

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**MASTER CARD**

**Record by:** JCM  
**Source of data:** Bowc  
**Date:** 6-72  
**Mop:** 78  
**(c) (f) (n) (p) (e) (u) (0)  
**State:**  
**County (or town):** Union  
**Latitude:** 34° 28' 22"  
**Longitude:** 089° 36' 00"  
**Sequential number:** 1  
**Local well number:** 07-09  
**Local use:**  
**Owner or name:** HAYS, HOWELL  
**Address:** Seneca  
**Use of wells:** Stock, Inst, Unused, Repressure, Recharge, Deasil-P S, Deasil-other, Other  
**DATA AVAILABLE:** Well data  
**Hyd. lab. data:**  
**Qual. water data:** type:  
**Freq. sampling:**  
**Aperture cards:**  
**Log data:**  

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**WELL-DESCRIPTION CARD**

**SAME AS ON MASTER CARD**

**Depth well:** 40.5  
**Meas. Sept:**  
**Casing Dia:**  
**Casing accuracy:**  
**Steel:**  
**HYDROGEOLOGIC CARD**

**SAME AS MASTER CARD**

**Physiographic Province:**

**Drainage Basin:**

**Topo of well site:**
- Depression, stream channel, dunes, flat, hilltop, sink, swale,
- Offshore, pediment, hillside, terrace, undulating, valley flat

**MAJOR AQUIFER:**
- System:
- Series:
- Aquifer, formation, group

**Lithology:**
- Thickness: 103 ft

**MINOR AQUIFER:**
- System:
- Series:
- Aquifer, formation, group

**Lithology:**

**Interval Screened:**
- Depth to consolidated rock: 300 ft
- Depth to basement: 50 ft

**Coefficient**
- Transmissivity: 1000 gpd/ft²
- Storage:

**Spec cap:** 100 gpd/ft

**Latitude-longitude:**

**Subbasin:**

**Section:**

**Well No.:**

**GEO-937-142**
<table>
<thead>
<tr>
<th>LANDOWNER: Hage Howell</th>
<th>description of formations encountered</th>
<th>from</th>
<th>to</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Soil 301 ft.</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Sand 150 ft.</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Blue Rock 501 ft.</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Blue Rock 501-101 ft.</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Blue Rock 1501 ft.</td>
<td>5</td>
<td>1</td>
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<tr>
<td></td>
<td>Blue Rock 1501-501 ft.</td>
<td>5</td>
<td>1</td>
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<tr>
<td></td>
<td>Blue Rock 501-501 ft.</td>
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<tr>
<td></td>
<td>Water Sand 501 ft.</td>
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<td></td>
<td>Water Sand 501-501 ft.</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Coffee Sand 501 ft.</td>
<td>5</td>
<td>1</td>
</tr>
</tbody>
</table>

WELL LOCATION:

- Section: 13
- Township: 7
- Range: 3
- E3W
- 1 mile West of Center of Nearest Town

WELL PURPOSE:

- Home, irrigation, municipal, industrial

WELL COMPLETION DATA:

- Diameter (inches): 4"
- Total Depth (feet): 603 ft
- Static Water Level (feet below top of ground): 2 ft
- Casing Material: Steel
- Casing Depth: 267 ft
- Screen Length: 0 ft
- Screen Depth: 0 ft
- Pump Material: Sulphur
- Pump HP: 17.5
- Pump Yield: 4,600 gpm
- Electric Log: No
- Organization Running Log: Yes
- How well bottom plugged: Yes

DRILLERS REMARKS:

- MISS. 80. OF
- WATER COMM.