## MONITORING WELL RECORD

**PROPERTY OWNER:** TOM HUPF  
Company/Organization: Federal Aviation Administration  
Address: FAA William J. Hughes Technical Center Building 270, AJP-793 Atlantic City, New Jersey 08405

**WELL LOCATION:** FAA William J. Hughes Technical Center  
Address: 100' from Tilton Rd (Rt. 563) 400' from Louis Lane  
County: Atlantic  
Municipality: Egg Harbor Twp  
Lot: 9  
Block: 101

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### WELL USE:
- **WELL USE:** MONITORING
- **Local ID:** FAA-2R-OW1

### WELL CONSTRUCTION

- **Total Depth Drilled (ft.):** 170  
  **Finished Well Depth (ft.):** 168.5  
  **Well Surface:** Above Grade

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Diameter (inches)</th>
<th>Material</th>
<th>Wgt/Rating/Screen # Used (lbs/ch no.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Borehole 0</td>
<td>120</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Borehole 120</td>
<td>170</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing 0</td>
<td>120</td>
<td>6</td>
<td>PVC</td>
<td>sch40</td>
</tr>
<tr>
<td>Casing 0</td>
<td>143.5</td>
<td>2</td>
<td>PVC</td>
<td>sch40</td>
</tr>
<tr>
<td>Screen 143.5</td>
<td>168.5</td>
<td>2</td>
<td>PVC</td>
<td>.030</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Depth to Top (ft.)</th>
<th>Depth to Bottom (ft.)</th>
<th>Outer Diameter (in.)</th>
<th>Inner Diameter (in.)</th>
<th>Material</th>
<th>Bentonite (lbs.)</th>
<th>Neat Cement (lbs.)</th>
<th>Water (gal.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grout 0</td>
<td>120</td>
<td>12</td>
<td>6</td>
<td></td>
<td>5640</td>
<td>360</td>
<td>360</td>
</tr>
<tr>
<td>Grout 0</td>
<td>135</td>
<td>6</td>
<td>2</td>
<td></td>
<td>400</td>
<td>200</td>
<td></td>
</tr>
<tr>
<td>Gravel Pack 135</td>
<td>168.5</td>
<td>6</td>
<td>2</td>
<td>#1 gravel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel Pack 168.5</td>
<td>170</td>
<td>6</td>
<td>0</td>
<td>#1 gravel</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Grouting Method:** Pressure method (Tremie Pipe)  
- **Drilling Method:** Mud Rotary

### ADDITIONAL INFORMATION

- **Protective Casing:** Yes
- **Static Water Level:** 17.5 ft. below land surface
- **Water Level Measure Tool:** M-SCOPE
- **Well Development Period:** 1 hrs.
- **Method of Development:** Airlifting
- **Pump Type:**
- **Pump Capacity:** __ gpm
- **Total Design Head:** __ ft.
- **Drilling Fluid:** mud
- **Drill Rig:** Failing
- **Health and Safety Plan Submitted?** No

### ATTACHMENTS:

**GEOLOGIC LOG**

- 0 - 1: white GP - Poorly graded gravels and gravel-sand mixtures, little or no fines
- 1 - 38: yellow GM - Silty gravels, gravel-sand-silt mixtures
- 38 - 51: yellow GP - Poorly graded gravels and gravel-sand mixtures, little or no fines
- 51 - 96: tan GW - Well-graded gravels and gravel-sand mixtures, little or no fines
- 96 - 100: brown GW - Well-graded gravels and gravel-sand mixtures, little or no fines
- 100 - 128: gray SM - Silty sands, sand-silt mixtures
- 128 - 157: gray GW - Well-graded gravels and gravel-sand mixtures, little or no fines
- 157 - 170: tan GP - Poorly graded gravels and gravel-sand mixtures, little or no fines

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**ADDITIONAL INFORMATION:**

Charles Kramer,  
Driller of Record: MASTER LICENSE # 0001703  
Company: A C SCHULTES INC  
Record -- Page 1 of 2
Driller of Record: Charles Kramer, MASTER LICENSE # 0001703
Company: A C SCHULTES INC