PROPERTY OWNER: US ARMY ARDEC US ARMY ARDEC

Company/Organization: Picatinny Arsenal

Address: Building 321 Picatinny, New Jersey 07806

WELL LOCATION: Picatinny Arsenal

Address: Picatinny Gorge Area

County: Morris Municipality: Rockaway Twp Lot: N/A Block: N/A

Easting (X): 484751 Northing (Y): 779782
Coordinate System: NJ State Plane (NAD83) - USFEET

DATE WELL STARTED: May 15, 2012
DATE WELL COMPLETED: May 16, 2012

WELL USE: TEST WELL NON POTABLE USE

Other Use(s):
Local ID: TW-2

WELL CONSTRUCTION

Total Depth Drilled (ft.): 130
Finished Well Depth (ft.): 130
Well Surface: 2 ft. 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</td>
<td>0</td>
<td>50</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Casing</td>
<td>0</td>
<td>50</td>
<td>6</td>
<td>Steel</td>
</tr>
<tr>
<td>Screen</td>
<td>0</td>
<td>50</td>
<td>6</td>
<td>Steel 19/S40</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</td>
<td>0</td>
<td>50</td>
<td>10</td>
<td>6</td>
<td>1316</td>
<td>84</td>
<td></td>
</tr>
<tr>
<td>Gravel Pack</td>
<td>0</td>
<td>50</td>
<td>10</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Grouting Method: Pressure method (Tremie Pipe)
Drilling Method: Air Rotary

RECORD OF TEST

Test Date: May 16, 2012
Pump Equipment: Air Lift
Well Yield: 1 gpm
Static Water Level: 40 ft. below land surface
Pumping Water Level: 110 ft. below land surface

PUMPING EQUIPMENT

Installed: Not Installed
Installer’s Name: 
 Pump Type: Depth to Pump: ft. below land surface
 Pump Capacity: _ gpm
 Total Design Head: _ ft.
 Pump Horsepower: _ hp
 If pump tested Discharge Rate: _ gpm Duration of Test: _ hours

ATACHMENTS

GEOLOGIC LOG

0 - 3: Tan OT - Other Clay
3 - 8: Tan OT - Other Boulders & sand
8 - 100: Grey CR - Competent Rock Granite with streaks of sandstone
100 - 130: Tan CR - Competent Rock Sandstone

ADDITIONAL INFORMATION: Water encountered at 60'

James Hall,
Driller of Record: MASTER LICENSE # 519440
Company: SAMUEL STOTHOFF CO INC

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