

WELL LOG AND DRILLING REPORT

DNR 7802.05e

Ohio Department of Natural Resources
Division of Water, 2045 Morse Road, Columbus, Ohio 43229-6605
Voice (614) 265-6740 Fax (614) 265-6767

Well Log Number

2040531

Page 1 of 1 for this record.

WELL LOCATION	CONSTRUCTION DETAILS																																								
County <u>LUCAS</u> Township <u>SWANTON</u>	Drilling Method: <u>BUCKET AUGER</u>																																								
<u>LISA</u> <u>ERSTHAUSEN</u> Owner/Builder	BOREHOLE/CASING (Measured from ground surface)																																								
<u>2060 SCOTT RD</u> Address of Well Location	1 { Borehole Diameter <u>36</u> inches Depth <u>29.5</u> ft. Casing Diameter <u>30</u> in. Length <u>12.5</u> ft. Thickness <u>0.18</u> in.																																								
City <u>SWANTON</u> Zip Code +4 <u>43558</u>	2 { Borehole Diameter <u>36</u> inches Depth <u>29.5</u> ft. Casing Diameter <u>6</u> in. Length <u>16.5</u> ft. Thickness <u>0.316</u> in.																																								
Permit No. <u>2011-80</u> Section; _____ and/or Lot No. _____	Casing Height Above Ground <u>1.4</u> ft.																																								
Use of Well <u>DOMESTIC</u>	Type { 1: <u>Fiberglass</u> 2: <u>PVC</u>																																								
Coordinates of Well (Use only one of the below coordinate systems)	Joints { 1: <u>Bolted</u> 2: <u>Solvent</u>																																								
State Plane Coordinates	SCREEN																																								
N ☐ X _____ +/- _____ ft.	Diameter _____ in. Slot Size _____ in. Screen Length _____ ft.																																								
S ☐ Y _____ +/- _____ ft.	Type _____ Material _____																																								
Latitude, Longitude Coordinates	Set Between _____ ft. and _____ ft.																																								
Latitude: <u>41.60035</u> Longitude: <u>-83.86385</u>	GRAVEL PACK (Filter Pack)																																								
Elevation of Well in feet: _____ +/- _____ ft.	Material/Size <u>SILICEOUS NAT. WASH</u> Vol/Wt. <u>4T</u>																																								
Datum Plane: ☐ NAD27 ☒ NAD83 Elevation Source _____	Method of Installation <u>Poured (gravity)</u>																																								
Source of Coordinates: <u>GPS</u>	Depth: Placed From: <u>29.5</u> ft. To: <u>11</u> ft.																																								
Well location written description:	GROUT																																								
	Material <u>Bentonite dry granular</u> Vol/Wt. <u>#600</u>																																								
	Method of Installation <u>Poured (gravity)</u>																																								
	Depth: Placed From: <u>11</u> ft. To: <u>10</u> ft.																																								
Comments on water quality/quantity and well construction:	DRILLING LOG*																																								
	FORMATIONS INCLUDE DEPTH(S) AT WHICH WATER IS ENCOUNTERED.																																								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Color</th> <th>Texture</th> <th>Formation</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>BLACK</td> <td>FINE</td> <td>SAND</td> <td>0</td> <td>1</td> </tr> <tr> <td>YELLOW</td> <td>CLEAN</td> <td>SAND</td> <td>1</td> <td>5</td> </tr> <tr> <td>ORANGE</td> <td>TIGHT</td> <td>SAND</td> <td>5</td> <td>7</td> </tr> <tr> <td>LT. GRAY</td> <td>FINE TO COURSE</td> <td>SAND</td> <td>7</td> <td>11</td> </tr> <tr> <td>GRAY-BROWN</td> <td>PEBBLY</td> <td>CLAYSANDSILT</td> <td>11</td> <td>16</td> </tr> <tr> <td>GRAY-BROWN</td> <td>HEAVY</td> <td>CLAY AND SILT</td> <td>16</td> <td>29.5</td> </tr> <tr> <td colspan="3" style="text-align: center;">Water Encountered At</td> <td>5</td> <td>16.5</td> </tr> </tbody> </table>	Color	Texture	Formation	From	To	BLACK	FINE	SAND	0	1	YELLOW	CLEAN	SAND	1	5	ORANGE	TIGHT	SAND	5	7	LT. GRAY	FINE TO COURSE	SAND	7	11	GRAY-BROWN	PEBBLY	CLAYSANDSILT	11	16	GRAY-BROWN	HEAVY	CLAY AND SILT	16	29.5	Water Encountered At			5	16.5
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WELL TEST *																																									
Pre-Pumping Static Level <u>4.1</u> ft. Date <u>1/27/2012</u>																																									
Measured from <u>GROUND LEVEL</u>																																									
Pumping test method <u>PUMPING</u>																																									
Test Rate <u>2</u> gpm Duration of Test _____ hrs.																																									
Feet of Drawdown <u>20</u> ft. Sustainable Yield <u>2</u> gpm																																									
*(Attach a copy of the pumping test record, per section 1521.05, ORC)																																									
Is Copy Attached? ☐ Yes ☒ No Flowing Well? ☐ Yes ☒ No																																									
PUMP/PITLESS																																									
Type of pump <u>SUBMERSIBLE</u> Capacity <u>10</u> gpm																																									
Pump set at <u>27</u> ft. Pitless Type <u>SLIDE PULL THRU</u>																																									
Pump installed by _____																																									
I hereby certify the information given is accurate and correct to the best of my knowledge.																																									
Drilling Firm <u>J & B WELLS</u>																																									
Address <u>3470 CO. RD. 5-1</u>																																									
City, State, Zip <u>DELTA OH 43515</u>																																									
Signed <u>BRUCE POTTEL</u> Date <u>11/1/2012</u>																																									
(Filed Electronically)																																									
ODH Registration Number <u>2108</u>	Aquifer Type (Formation producing the most water.) <u>CLAY/SAND/SILT</u>																																								
	Date of Well Completion <u>2/3/2012</u> Total Depth of Well <u>27.8</u> ft.																																								

Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.
Distribute copies of this record to Customer, and Local Health Department.