

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

2036297

Page 1 of 1 for this record.

WELL LOCATION	CONSTRUCTION DETAILS																																													
County <u>HENRY</u> Township <u>HARRISON</u>	Drilling Method: <u>BUCKET AUGER</u>																																													
Owner/Builder <u>BRIAN WIEMKEN</u>	BOREHOLE/CASING (Measured from ground surface)																																													
Address of Well Location <u>10462 CR O</u>	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>NAPOLEON</u> Zip Code +4 <u>43545</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>2110026</u> Section; _____ and/or Lot No. _____	Casing Height Above Ground <u>1.2</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>41.374444</u> Longitude: <u>-84.052778</u>	GRAVEL PACK (Filter Pack)																																													
Elevation of Well in feet: <u>678</u> +/- _____ ft.	Material/Size <u>SILICEOUS NAT. WASHED</u> Vol/Wt. Used <u>4 T</u>																																													
Datum Plane: ☐ NAD27 ☒ NAD83 Elevation Source <u>GPS</u>	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. Used <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>YELLOW</td> <td>CLEAN</td> <td>SAND</td> <td>0</td> <td>6</td> </tr> <tr> <td>GRAY</td> <td>FIRM</td> <td>CLAY</td> <td>6</td> <td>8</td> </tr> <tr> <td>GRAY</td> <td>COARSE</td> <td>SAND</td> <td>8</td> <td>13</td> </tr> <tr> <td>GRAY</td> <td>GRITTY</td> <td>CLAY</td> <td>13</td> <td>14</td> </tr> <tr> <td>GRAY</td> <td>COARSE</td> <td>SAND</td> <td>14</td> <td>16.2</td> </tr> <tr> <td>GRAY</td> <td>GRAVELLY</td> <td>CLAY</td> <td>16.2</td> <td>29.5</td> </tr> <tr> <td colspan="3" style="text-align: center;">Water Encountered At</td> <td>9</td> <td>13</td> </tr> <tr> <td colspan="3"></td> <td>14</td> <td>16.2</td> </tr> </tbody> </table>	Color	Texture	Formation	From	To	YELLOW	CLEAN	SAND	0	6	GRAY	FIRM	CLAY	6	8	GRAY	COARSE	SAND	8	13	GRAY	GRITTY	CLAY	13	14	GRAY	COARSE	SAND	14	16.2	GRAY	GRAVELLY	CLAY	16.2	29.5	Water Encountered At			9	13				14	16.2
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WELL TEST *																																														
Pre-Pumping Static Level <u>5</u> ft. Date <u>1/6/2012</u>																																														
Measured from <u>GROUND LEVEL</u>																																														
Pumping test method <u>PUMPING</u>																																														
Test Rate <u>5</u> gpm Duration of Test <u>8</u> hrs.																																														
Feet of Drawdown <u>9</u> ft. Sustainable Yield <u>5</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>26</u> ft. Pitless Type <u>1.25" CLEAR CASE</u>																																														
Pump installed by <u>J & B WELLS</u>																																														
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>1/25/2012</u>																																														
(Filed Electronically)																																														
ODH Registration Number <u>2108</u>	Aquifer Type (Formation producing the most water.) <u>SAND</u>																																													
	Date of Well Completion <u>1/6/2012</u> Total Depth of Well <u>27</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.