

Well Log Number

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

2045988

Page 1 of 1 for this record.

WELL LOCATION	CONSTRUCTION DETAILS																																																		
County <u>GUERNSEY</u> Township <u>LONDONDERRY</u>	Drilling Method: <u>CABLE TOOL</u>																																																		
<u>GEORGE AND KAREN DUDICK</u> Owner/Builder	BOREHOLE/CASING (Measured from ground surface)																																																		
<u>70431 LONG RUN RD</u> Address of Well Location	1 { Borehole Diameter <u>11</u> inches Depth <u>150</u> ft. Casing Diameter <u>6</u> in. Length <u>152</u> ft. Thickness <u>0.316</u> in.																																																		
City <u>PIEMONT</u> Zip Code +4 <u>43983</u>	2 { Borehole Diameter _____ inches Depth _____ ft. Casing Diameter _____ in. Length _____ ft. Thickness _____ in.																																																		
Permit No. <u>39</u> Section; <u>6</u> and/or Lot No. _____	Casing Height Above Ground <u>2</u> ft.																																																		
Use of Well <u>DOMESTIC</u>	Type { 1: <u>PVC</u> 2: _____																																																		
Coordinates of Well (Use only one of the below coordinate systems)	Joints { 1: <u>Solvent</u> 2: _____																																																		
<u>State Plane Coordinates</u>	SCREEN																																																		
N ☐ X _____ +/- _____ ft.	Diameter <u>6</u> in. Slot Size <u>0.02</u> in. Screen Length <u>110</u> ft.																																																		
S ☐ Y _____ +/- _____ ft.	Type <u>MACHINE SLOTTED</u> Material <u>PVC</u>																																																		
<u>Latitude, Longitude Coordinates</u>	Set Between <u>150</u> ft. and <u>40</u> ft.																																																		
Latitude: <u>40.118333</u> Longitude: <u>-81.236917</u>	GRAVEL PACK (Filter Pack)																																																		
Elevation of Well in feet: <u>1167</u> +/- <u>25</u> ft.	Material/Size <u>#8 gravel</u> Vol/Wt. Used <u>4000#</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>150</u> ft. To: <u>140</u> ft.																																																		
Well location written description:	GROUT																																																		
	Material <u>Bentonite pellets/chunks</u> Vol/Wt. Used <u>1200#</u>																																																		
	Method of Installation <u>Poured (gravity)</u>																																																		
	Depth: Placed From: <u>40</u> ft. To: <u>0</u> ft.																																																		
Comments on water quality/quantity and well construction: <u>CLEAR</u>	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>BROWN-GRAY</td> <td>LOOSE</td> <td>CLAY AND SHALE</td> <td>0</td> <td>15</td> </tr> <tr> <td>BROWN</td> <td>MEDIUM</td> <td>SANDSTONE</td> <td>15</td> <td>25</td> </tr> <tr> <td>RED</td> <td>SOFT</td> <td>CLAY</td> <td>25</td> <td>35</td> </tr> <tr> <td>GRAY-TAN</td> <td>CRUMBLY</td> <td>SANDSTONE AND SHALE</td> <td>35</td> <td>55</td> </tr> <tr> <td>GRAY</td> <td>MEDIUM</td> <td>SANDSTONE AND SHALE</td> <td>55</td> <td>80</td> </tr> <tr> <td>GRAY-TAN</td> <td>CRUMBLY</td> <td>SANDSTONE AND SHALE</td> <td>80</td> <td>95</td> </tr> <tr> <td>LT. GRAY</td> <td>MEDIUM</td> <td>SANDSTONE AND LIMESTONE</td> <td>95</td> <td>150</td> </tr> <tr> <td colspan="3" style="text-align: right;">Water Encountered At</td> <td>40</td> <td>45</td> </tr> <tr> <td colspan="3"></td> <td>80</td> <td>90</td> </tr> </tbody> </table>	Color	Texture	Formation	From	To	BROWN-GRAY	LOOSE	CLAY AND SHALE	0	15	BROWN	MEDIUM	SANDSTONE	15	25	RED	SOFT	CLAY	25	35	GRAY-TAN	CRUMBLY	SANDSTONE AND SHALE	35	55	GRAY	MEDIUM	SANDSTONE AND SHALE	55	80	GRAY-TAN	CRUMBLY	SANDSTONE AND SHALE	80	95	LT. GRAY	MEDIUM	SANDSTONE AND LIMESTONE	95	150	Water Encountered At			40	45				80	90
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WELL TEST *																																																			
Pre-Pumping Static Level <u>40</u> ft. Date <u>12/10/2013</u>																																																			
Measured from <u>GROUND LEVEL</u>																																																			
Pumping test method <u>BAILING</u>																																																			
Test Rate <u>2</u> gpm Duration of Test <u>2</u> hrs.																																																			
Feet of Drawdown <u>105</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>142</u> ft. Pitless Type <u>ADAPTER</u>																																																			
Pump installed by <u>BEAL WELL DRILLING</u>																																																			
I hereby certify the information given is accurate and correct to the best of my knowledge.																																																			
Drilling Firm <u>BEAL WELL DRILLING</u>																																																			
Address <u>74848 BEAL RD</u>																																																			
City, State, Zip <u>KIMBOLTON OH 43749</u>																																																			
Signed <u>CHARLES BEAL</u> Date <u>12/26/2013</u>																																																			
(Filed Electronically)																																																			
ODH Registration Number <u>2449</u>	Aquifer Type (Formation producing the most water.) <u>SANDSTONE & SHALE</u>																																																		
	Date of Well Completion <u>12/23/2013</u> Total Depth of Well <u>150</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.