

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

2042561

Page 1 of 1 for this record.

WELL LOCATION	CONSTRUCTION DETAILS																																													
County <u>MONTGOMERY</u> Township <u>MADISON</u>	Drilling Method: <u>CABLE TOOL</u>																																													
Owner/Builder <u>MALT PRODUCTS</u>	BOREHOLE/CASING (Measured from ground surface)																																													
Address of Well Location <u>WOLFCREEK PIKE RD</u>	1 { Borehole Diameter <u>12</u> inches Depth <u>35</u> ft. Casing Diameter <u>12</u> in. Length <u>20</u> ft. Thickness <u>0.375</u> in.																																													
City <u>DAYTON</u> Zip Code +4 _____	2 { Borehole Diameter _____ inches Depth _____ ft. Casing Diameter _____ in. Length _____ ft. Thickness _____ in.																																													
Permit No. _____ Section; _____ and/or Lot No. _____	Casing Height Above Ground _____ ft.																																													
Use of Well <u>INDUSTRIAL</u>	Type { 1: <u>Steel</u> 2: _____																																													
Coordinates of Well (Use only one of the below coordinate systems)	Joints { 1: <u>Welded</u> 2: _____																																													
<u>State Plane Coordinates</u>	SCREEN																																													
N ☐ X _____ +/- _____ ft.	Diameter <u>12</u> in. Slot Size <u>0.1</u> in. Screen Length <u>10</u> ft.																																													
S ☐ Y _____ +/- _____ ft.	Type <u>CONTINUOUS WIRE WOUND</u> Material <u>STAINLESS STEEL</u>																																													
<u>Latitude, Longitude Coordinates</u>	Set Between <u>20</u> ft. and <u>30</u> ft.																																													
Latitude: <u>39.779475</u> Longitude: <u>-84.268006</u>	GRAVEL PACK (Filter Pack)																																													
Elevation of Well in feet: <u>786</u> +/- <u>5</u> ft.	Material/Size _____ Vol/Wt. Used _____																																													
Datum Plane: ☐ NAD27 ☒ NAD83 Elevation Source <u>GPS</u>	Method of Installation _____																																													
Source of Coordinates: <u>GPS</u>	Depth: Placed From: _____ ft. To: _____ ft.																																													
Well location written description:	GROUT																																													
	Material <u>Bentonite dry granular</u> Vol/Wt. Used <u>100 pounds</u>																																													
	Method of Installation <u>Dry Driven</u>																																													
	Depth: Placed From: <u>5</u> ft. To: <u>15</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>DARK BROWN</td> <td>CLAYEY</td> <td>SOIL</td> <td>0</td> <td>1</td> </tr> <tr> <td>BROWN</td> <td>GLACIAL</td> <td>CLAYGRAVELSILT</td> <td>1</td> <td>3</td> </tr> <tr> <td>BROWN</td> <td>FINE TO COARSE SAND AND GRAVEL</td> <td></td> <td>3</td> <td>13</td> </tr> <tr> <td>BLUE</td> <td>FINE TO COARSE SAND AND GRAVEL</td> <td></td> <td>13</td> <td>18</td> </tr> <tr> <td>BLUE</td> <td>FINE TO COARSE SAND AND GRAVEL</td> <td></td> <td>18</td> <td>23</td> </tr> <tr> <td>BLUE</td> <td>FINE TO COARSE SAND AND GRAVEL</td> <td></td> <td>23</td> <td>30</td> </tr> <tr> <td>BROWN</td> <td>DENSE</td> <td>HARDPAN</td> <td>30</td> <td>35</td> </tr> <tr> <td colspan="3" style="text-align: right;">Water Encountered At</td> <td>13</td> <td>30</td> </tr> </tbody> </table>	Color	Texture	Formation	From	To	DARK BROWN	CLAYEY	SOIL	0	1	BROWN	GLACIAL	CLAYGRAVELSILT	1	3	BROWN	FINE TO COARSE SAND AND GRAVEL		3	13	BLUE	FINE TO COARSE SAND AND GRAVEL		13	18	BLUE	FINE TO COARSE SAND AND GRAVEL		18	23	BLUE	FINE TO COARSE SAND AND GRAVEL		23	30	BROWN	DENSE	HARDPAN	30	35	Water Encountered At			13	30
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WELL TEST *																																														
Pre-Pumping Static Level <u>16.3</u> ft. Date <u>2/12/2013</u>																																														
Measured from <u>TOP OF CASING</u>																																														
Pumping test method <u>PUMPING</u>																																														
Test Rate <u>350</u> gpm Duration of Test <u>24</u> hrs.																																														
Feet of Drawdown <u>4.8</u> ft. Sustainable Yield <u>350</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 _____ Capacity _____ gpm																																														
Pump set at _____ ft. Pitless Type _____																																														
Pump installed by _____																																														
I hereby certify the information given is accurate and correct to the best of my knowledge.																																														
Drilling Firm <u>LAYNE CHRISTENSEN COMPANY, INC.</u>																																														
Address <u>6451 GERMANTOWN RD</u>																																														
City, State, Zip <u>MIDDLETOWN OH 45042</u>																																														
Signed <u>RONALD E ALEXANDER</u> Date <u>4/17/2013</u>																																														
(Filed Electronically)																																														
ODH Registration Number <u>002289</u>	Aquifer Type (Formation producing the most water.) <u>SAND & GRAVEL</u>																																													
	Date of Well Completion <u>2/20/2013</u> Total Depth of Well <u>35</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.