

WELL LOG AND DRILLING REPORT

DNR 7802.15e

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

2076271

Page 1 of 1 for this record.

WELL LOCATION	CONSTRUCTION DETAILS																																																							
County <u>MERCER</u> Township <u>UNION</u>	Drilling Method: <u>MUD/AIR ROTARY</u>																																																							
<u>VILLAGE OF MENDON</u>	BOREHOLE/CASING (Measured from ground surface)																																																							
Owner/Builder	1 { Borehole Diameter <u>12.25</u> inches Depth <u>42</u> ft.																																																							
<u>211 S JEFFERSON ST E</u>	{ Casing Diameter <u>8</u> in. Length <u>42</u> ft. Thickness <u>0.322</u> in.																																																							
Address of Well Location	2 { Borehole Diameter <u>7.75</u> inches Depth <u>300</u> ft.																																																							
City <u>MENDON</u> Zip Code +4 <u>45826</u>	{ Casing Diameter <u>8</u> in. Length <u>42</u> ft. Thickness <u>0.322</u> in.																																																							
Permit No. _____ Section; _____ and/or Lot No. _____	Casing Height Above Ground <u>3</u> ft.																																																							
Use of Well <u>MUNICIPAL</u>	Type { 1: <u>PVC</u>																																																							
Coordinates of Well (Use only one of the below coordinate systems)	{ 2: <u>PVC</u>																																																							
State Plane Coordinates	Joints { 1: <u>Solvent</u>																																																							
N ☐ X _____ +/- _____ ft.	{ 2: <u>Solvent</u>																																																							
S ☐ Y _____ +/- _____ ft.	SCREEN																																																							
Latitude, Longitude Coordinates	Diameter _____ in. Slot Size _____ in. Screen Length _____ ft.																																																							
Latitude: <u>40.672277</u> Longitude: <u>-84.512717</u>	Type _____ Material _____																																																							
Elevation of Well in feet: <u>812</u> +/- _____ ft.	Set Between _____ ft. and _____ ft.																																																							
Datum Plane: ☐ NAD27 ☒ NAD83 Elevation Source <u>MAP-OTHERS</u>	GRAVEL PACK (Filter Pack)																																																							
Source of Coordinates: <u>MAP-OTHERS</u>	Material/Size _____ Vol/Wt. Used _____																																																							
Well location written description: <u>APPROX. 2000 FT. SOUTH OF JEFFERSON STREET</u>	Method of Installation _____																																																							
	Depth: Placed FROM: _____ ft. TO: _____ ft.																																																							
	GROUT																																																							
	Material <u>BENTONITE/CEMENT SLURRY</u> Vol/Wt. Used <u>9.2</u>																																																							
	Method of Installation <u>PUMPED W/TREMIE PIPE</u>																																																							
	Depth: Placed FROM: <u>42</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</td><td></td><td>CLAY</td><td>0</td><td>7</td></tr><tr><td>GRAY</td><td></td><td>CLAY</td><td>7</td><td>29</td></tr><tr><td>LIGHT</td><td>COARSE</td><td>SAND & GRAVEL</td><td>29</td><td>38</td></tr><tr><td>GRAY</td><td></td><td>LIMESTONE</td><td>38</td><td>63</td></tr><tr><td>BROWN-GRAY</td><td></td><td>LIMESTONE</td><td>63</td><td>72</td></tr><tr><td>GRAY</td><td></td><td>LIMESTONE</td><td>72</td><td>154</td></tr><tr><td>BROWN-GRAY</td><td>FRACTURED</td><td>LIMESTONE</td><td>154</td><td>161</td></tr><tr><td>GRAY</td><td></td><td>LIMESTONE</td><td>161</td><td>179</td></tr><tr><td>BROWN-GRAY</td><td></td><td>LIMESTONE</td><td>179</td><td>201</td></tr><tr><td>GRAY</td><td></td><td>LIMESTONE</td><td>201</td><td>300</td></tr></tbody></table>	Color	Texture	Formation	From	To	BROWN		CLAY	0	7	GRAY		CLAY	7	29	LIGHT	COARSE	SAND & GRAVEL	29	38	GRAY		LIMESTONE	38	63	BROWN-GRAY		LIMESTONE	63	72	GRAY		LIMESTONE	72	154	BROWN-GRAY	FRACTURED	LIMESTONE	154	161	GRAY		LIMESTONE	161	179	BROWN-GRAY		LIMESTONE	179	201	GRAY		LIMESTONE	201	300
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WELL TEST *																																																								
Pre-Pumping Static Level <u>11.2</u> ft. Date <u>8/1/2019</u>																																																								
Measured from <u>TOP OF CASING</u>																																																								
Pumping test method <u>AIR</u>																																																								
Test Rate <u>350</u> gpm Duration of Test <u>3</u> hrs.																																																								
Feet of Drawdown <u>75.7</u> ft. Sustainable Yield <u>238</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>ORTMAN DRILLING INC.</u>																																																								
Address <u>241 N 300 WEST</u>																																																								
City, State, Zip <u>KOKOMO IN 46901</u>																																																								
Signed <u>RICHARD K. ORTMAN II</u> Date <u>8/1/2019</u>																																																								
(Filed Electronically)																																																								
ODH Registration Number <u>1624</u>	Last Revised <u>11/15/2019</u>																																																							
Aquifer Type (Formation producing the most water.) <u>LIMESTONE</u>																																																								
Date of Well Completion <u>8/1/2019</u> Total Depth of Well <u>300</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.