

WELL LOG AND DRILLING REPORT

DNR 7802.05e

Ohio Department of Natural Resources
Division of Geological Survey, 2045 Morse Road, Columbus, Ohio 43229-6605
Phone (614) 265-6576

Well Log Number

3026820Page 1 of 1 for this record.

WELL LOCATION	CONSTRUCTION DETAILS																																																																						
County <u>WASHINGTON</u> Township <u>LAWRENCE</u>	Drilling Method: <u>AIR HAMMER</u>																																																																						
Owner/Builder <u>DAVID HUGHES</u>	BOREHOLE/CASING (Measured from ground surface)																																																																						
Address of Well Location <u>101 ELK RUN ROAD</u>	1 { Borehole Diameter <u>13.5</u> inches Depth <u>37</u> ft. Casing Diameter <u>8</u> in. Length <u>42</u> ft. Thickness <u>0.322</u> in.																																																																						
City <u>RENO</u> Zip Code +4 <u>45773</u>	2 { Borehole Diameter <u>8</u> inches Depth <u>205</u> ft. Casing Diameter _____ in. Length _____ ft. Thickness _____ in.																																																																						
Permit No. <u>1902</u> Section; _____ and/or Lot No. _____	Casing Height Above Ground <u>5</u> ft.																																																																						
Use of Well <u>DOMESTIC</u>	Type { 1: <u>STEEL</u> 2: _____																																																																						
	Joints { 1: <u>WELDED</u> 2: _____																																																																						
Coordinates of Well (Use only one of the below coordinate systems)	SCREEN																																																																						
Latitude, Longitude Coordinates	Diameter <u>5</u> in. Slot Size <u>0.03</u> in. Screen Length <u>200</u> ft.																																																																						
Latitude: <u>39.5089</u> Longitude: <u>-81.25182</u>	Type <u>MACHINE-SLOTTED</u> Material <u>PVC</u>																																																																						
Elevation of Well in feet: <u>699</u> +/- _____ ft.	Set Between <u>5</u> ft. and <u>205</u> ft.																																																																						
Datum Plane: ☐ NAD27 ☐ NAD83 Elevation Source <u>DIGITAL MAP</u>	GRAVEL PACK (Filter Pack)																																																																						
Source of Coordinates: <u>GPS</u>	Material/Size <u>3/8 X 3/16</u> Vol/Wt. Used <u>2,600 POUNDS</u>																																																																						
Well location written description:	Method of Installation <u>POURED (GRAVITY)</u>																																																																						
	Depth: Placed From: <u>37</u> ft. To: <u>205</u> ft.																																																																						
	GROUT																																																																						
	Material <u>BENTONITE PELLETS/CHUI</u> Vol/Wt. Used <u>1,650 POUNDS</u>																																																																						
	Method of Installation <u>POURED (GRAVITY)</u>																																																																						
	Depth: Placed From: <u>0</u> ft. To: <u>37</u> ft.																																																																						
Comments on water quality/quantity and well construction: Feet of Drawdown is (0), however the computer will not let you put a (0) on that line	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>SOFT</td><td>SOIL</td><td>0</td><td>2</td></tr><tr><td>RED</td><td>SOFT</td><td>SHALE</td><td>2</td><td>22</td></tr><tr><td>BROWN</td><td>GRAVELLY</td><td>SHALE</td><td>22</td><td>31</td></tr><tr><td>RED</td><td>SOFT</td><td>SHALE</td><td>31</td><td>33</td></tr><tr><td>BROWN</td><td>SOFT</td><td>SHALE</td><td>33</td><td>35</td></tr><tr><td>GRAY</td><td>HARD</td><td>LIMESTONE</td><td>35</td><td>41</td></tr><tr><td>GRAY</td><td>HARD</td><td>SHALE</td><td>41</td><td>56</td></tr><tr><td>BLUE</td><td>SOFT</td><td>SHALE</td><td>56</td><td>105</td></tr><tr><td>RED</td><td>SOFT</td><td>SHALE</td><td>105</td><td>115</td></tr><tr><td>GREEN</td><td>SOFT</td><td>SHALE</td><td>115</td><td>130</td></tr><tr><td>GRAY</td><td>SOFT</td><td>SHALE</td><td>130</td><td>180</td></tr><tr><td>GRAY</td><td>HARD</td><td>SHALE</td><td>180</td><td>205</td></tr><tr><td></td><td></td><td>WATER AT</td><td>80</td><td>205</td></tr></tbody></table>	Color	Texture	Formation	From	To	BROWN	SOFT	SOIL	0	2	RED	SOFT	SHALE	2	22	BROWN	GRAVELLY	SHALE	22	31	RED	SOFT	SHALE	31	33	BROWN	SOFT	SHALE	33	35	GRAY	HARD	LIMESTONE	35	41	GRAY	HARD	SHALE	41	56	BLUE	SOFT	SHALE	56	105	RED	SOFT	SHALE	105	115	GREEN	SOFT	SHALE	115	130	GRAY	SOFT	SHALE	130	180	GRAY	HARD	SHALE	180	205			WATER AT	80	205
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WELL TEST *																																																																							
Pre-Pumping Static Level <u>80</u> ft. Date <u>11/18/2025</u>																																																																							
Measured from <u>GROUND LEVEL</u>																																																																							
Pumping test method <u>AIR</u>																																																																							
Test Rate <u>5</u> gpm Duration of Test <u>2</u> hrs.																																																																							
Feet of Drawdown <u>1</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 _____ 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>D & L DRILLING LLC</u>																																																																							
Address <u>41803 EARLEY RIDGE ROAD</u>																																																																							
City, State, Zip <u>NEW MATAMORAS OH 45767</u>																																																																							
Signed <u>CRYSTAL EARLEY</u> Date <u>11/22/2025</u>																																																																							
(Filed Electronically)																																																																							
ODH Registration Number <u>001694</u>	Last Revised on <u>11/22/2025</u>																																																																						
Aquifer Type (Formation producing the most water.) <u>SHALE</u>																																																																							
Date of Well Completion <u>11/19/2025</u> Total Depth of Well <u>205</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.