

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

3029144Page 1 of 2 for this record.

WELL LOCATION	CONSTRUCTION DETAILS																																																																											
County <u>PERRY</u> Township <u>HOPEWELL</u>	Drilling Method: <u>CABLE TOOL</u>																																																																											
Owner/Builder <u>BEN CARPENTER</u>	BOREHOLE/CASING (Measured from ground surface)																																																																											
Address of Well Location <u>3791 COOPERRIDERS RD NE</u>	1 { Borehole Diameter <u>6</u> inches Depth <u>152</u> ft. Casing Diameter <u>6</u> in. Length <u>42.8</u> ft. Thickness <u>0.25</u> in.																																																																											
City <u>SOMERSET</u> Zip Code +4 <u>43783</u>	2 { Borehole Diameter _____ inches Depth _____ ft. Casing Diameter _____ in. Length _____ ft. Thickness _____ in.																																																																											
Permit No. _____ Section; _____ and/or Lot No. _____	Casing Height Above Ground <u>2.5</u> ft.																																																																											
Use of Well <u>AGRIC/IRRIG</u>	Type { 1: <u>STEEL</u> 2: _____																																																																											
Coordinates of Well (Use only one of the below coordinate systems)	Joints { 1: <u>THREADED</u> 2: _____																																																																											
Latitude, Longitude Coordinates	SCREEN																																																																											
Latitude: <u>39.860095</u> Longitude: <u>-82.245616</u>	Diameter _____ in. Slot Size _____ in. Screen Length _____ ft.																																																																											
Elevation of Well in feet: <u>1053.9</u> +/- _____ ft.	Type _____ Material _____																																																																											
Datum Plane: ☐ NAD27 ☐ NAD83 Elevation Source <u>DIGITAL MAP</u>	Set Between _____ ft. and _____ ft.																																																																											
Source of Coordinates: <u>DIGITAL MAP</u>	GRAVEL PACK (Filter Pack)																																																																											
Well location written description: <u>Approximately 175' behind the house. Ag well that feeds 4 hydrants on 1.25" poly (ASTM D2239)</u>	Material/Size _____ Vol/Wt. Used _____																																																																											
	Method of Installation _____																																																																											
	Depth: Placed From: _____ ft. To: _____ ft.																																																																											
	GROUT																																																																											
	Material <u>BENTONITE DRY GRANULA</u> Vol/Wt. Used <u>250 LBS</u>																																																																											
	Method of Installation <u>DRY-DRIVEN</u>																																																																											
	Depth: Placed From: <u>0</u> ft. To: <u>42.8</u> ft.																																																																											
	DRILLING LOG*																																																																											
Comments on water quality/quantity and well construction: <u>6' steel casing, water at 111-116 and more at 130-142</u>	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>TAN</td><td>MIXED</td><td>CLAY</td><td>0</td><td>24</td></tr><tr><td>LT. GRAY</td><td></td><td>CLAY</td><td>24</td><td>32</td></tr><tr><td>LT. GRAY</td><td></td><td>SHALE</td><td>32</td><td>54</td></tr><tr><td>DARK GRAY</td><td></td><td>SHALE</td><td>54</td><td>65</td></tr><tr><td>LT. GRAY</td><td></td><td>SHALE</td><td>65</td><td>78</td></tr><tr><td>DARK BROWN</td><td>BROKEN</td><td>FLINT</td><td>78</td><td>82</td></tr><tr><td>DARK GRAY</td><td></td><td>SHALE</td><td>82</td><td>92</td></tr><tr><td>LT. GRAY</td><td></td><td>SHALE</td><td>92</td><td>111</td></tr><tr><td>DARK GRAY</td><td>SANDY</td><td>SHALE</td><td>111</td><td>116</td></tr><tr><td>LT. GRAY</td><td></td><td>SHALE</td><td>116</td><td>130</td></tr><tr><td>DARK GRAY</td><td>SANDY</td><td>SHALE</td><td>130</td><td>142</td></tr><tr><td>LT. GRAY</td><td></td><td>SHALE</td><td>142</td><td>152</td></tr><tr><td></td><td></td><td>WATER AT</td><td>111</td><td>116</td></tr><tr><td></td><td></td><td>WATER AT</td><td>130</td><td>142</td></tr></tbody></table>	Color	Texture	Formation	From	To	TAN	MIXED	CLAY	0	24	LT. GRAY		CLAY	24	32	LT. GRAY		SHALE	32	54	DARK GRAY		SHALE	54	65	LT. GRAY		SHALE	65	78	DARK BROWN	BROKEN	FLINT	78	82	DARK GRAY		SHALE	82	92	LT. GRAY		SHALE	92	111	DARK GRAY	SANDY	SHALE	111	116	LT. GRAY		SHALE	116	130	DARK GRAY	SANDY	SHALE	130	142	LT. GRAY		SHALE	142	152			WATER AT	111	116			WATER AT	130	142
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WELL TEST *																																																																												
Pre-Pumping Static Level <u>54</u> ft. Date <u>2/3/2026</u>																																																																												
Measured from <u>GROUND LEVEL</u>																																																																												
Pumping test method <u>BAILING</u>																																																																												
Test Rate <u>12</u> gpm Duration of Test <u>6</u> hrs.																																																																												
Feet of Drawdown <u>75</u> ft. Sustainable Yield <u>12</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>7</u> gpm																																																																												
Pump set at <u>150</u> ft. Pitless Type <u>PULL THROUGH</u>																																																																												
Pump installed by <u>B.MOWREY DRILLING, LLC</u>																																																																												
I hereby certify the information given is accurate and correct to the best of my knowledge.																																																																												
Drilling Firm <u>B.MOWREY DRILLING LLC</u>																																																																												
Address <u>12838 SAND HOLLOW RD</u>																																																																												
City, State, Zip <u>NEWARK OH 43056</u>																																																																												
Signed <u>BEN MOWREY</u> Date <u>3/25/2026</u>																																																																												
(Filed Electronically)																																																																												
ODH Registration Number <u>002909</u>	Last Revised on <u>3/25/2026</u>																																																																											
Aquifer Type (Formation producing the most water.) <u>SHALE</u>																																																																												
Date of Well Completion <u>02/27/2026</u> Total Depth of Well <u>152</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.

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