

Well Log Number

DNR 7802.05e

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

3011927

Page 1 of 3 for this record.

WELL LOCATION		CONSTRUCTION DETAILS																																																													
County <u>SHELBY</u> Township <u>WASHINGTON</u>		Drilling Method: <u>AIR ROTARY</u>																																																													
CITY OF SIDNEY		BOREHOLE/CASING (Measured from ground surface)																																																													
Owner/Builder		1 { Borehole Diameter <u>24</u> inches Depth <u>109</u> ft. Casing Diameter <u>16</u> in. Length <u>90</u> ft. Thickness <u>0.375</u> in.																																																													
<u>LEHMAN RD</u>		2 { Borehole Diameter _____ inches Depth _____ ft. Casing Diameter _____ in. Length _____ ft. Thickness _____ in.																																																													
Address of Well Location		Casing Height Above Ground <u>3</u> ft.																																																													
City <u>SIDNEY</u> Zip Code +4 <u>45365</u>		Type { 1: <u>STEEL</u> 2: _____																																																													
Permit No. _____ Section; _____ and/or Lot No. _____		Joints { 1: <u>WELDED</u> 2: _____																																																													
Use of Well <u>MUNICIPAL</u>		SCREEN																																																													
Coordinates of Well (Use only one of the below coordinate systems)		Diameter <u>16</u> in. Slot Size <u>0.12</u> in. Screen Length <u>20</u> ft.																																																													
Latitude, Longitude Coordinates		Type <u>CONTINUOUS WIRE WOUND</u> Material <u>STAINLESS STEEL</u>																																																													
Latitude: <u>40.228836</u> Longitude: <u>-84.254006</u>		Set Between <u>87</u> ft. and <u>107</u> ft.																																																													
Elevation of Well in feet: <u>892.9</u> +/- _____ ft.		GRAVEL PACK (Filter Pack)																																																													
Datum Plane: ☐ NAD27 ☐ NAD83 Elevation Source <u>DIGITAL MAP</u>		Material/Size <u>1/4 X 1/8</u> Vol/Wt. Used <u>135 CU/FT</u>																																																													
Source of Coordinates: <u>GPS</u>		Method of Installation <u>POURED (GRAVITY)</u>																																																													
Well location written description:		Depth: Placed From: <u>74</u> ft. To: <u>107</u> ft.																																																													
Comments on water quality/quantity and well construction:		GROUT																																																													
		Material <u>BENTONITE</u> Vol/Wt. Used <u>N/R</u>																																																													
		Method of Installation <u>POURED (GRAVITY)</u>																																																													
		Depth: Placed From: <u>64</u> ft. To: <u>74</u> ft.																																																													
		DRILLING LOG*																																																													
		FORMATIONS INCLUDE DEPTH(S) AT WHICH WATER IS ENCOUNTERED.																																																													
		<table><thead><tr><th>Color</th><th>Texture</th><th>Formation</th><th>From</th><th>To</th></tr></thead><tbody><tr><td></td><td></td><td>CLAY & SILT</td><td>0</td><td>8</td></tr><tr><td></td><td>DIRTY</td><td>GRAVEL/SAND/CLAY</td><td>8</td><td>18</td></tr><tr><td></td><td>PLASTIC</td><td>SAND & SILT</td><td>18</td><td>30</td></tr><tr><td></td><td>CLAYEY</td><td>COBBLES</td><td>30</td><td>32</td></tr><tr><td></td><td>SILTY</td><td>SAND/GRAVEL/CLAY</td><td>32</td><td>48</td></tr><tr><td></td><td>SILTY</td><td>GRAVEL/SAND/CLAY</td><td>48</td><td>54</td></tr><tr><td></td><td>WAXEY</td><td>TILL</td><td>54</td><td>86</td></tr><tr><td></td><td>TIGHT</td><td>GRAVEL/SAND/CLAY</td><td>86</td><td>88</td></tr><tr><td></td><td>COARSE/GRAVELSAND & GRAVEL</td><td></td><td>88</td><td>109</td></tr><tr><td></td><td>HARD</td><td>CLAY & SILT</td><td>109</td><td>124</td></tr><tr><td></td><td></td><td>WATER AT</td><td>7</td><td>109</td></tr></tbody></table>		Color	Texture	Formation	From	To			CLAY & SILT	0	8		DIRTY	GRAVEL/SAND/CLAY	8	18		PLASTIC	SAND & SILT	18	30		CLAYEY	COBBLES	30	32		SILTY	SAND/GRAVEL/CLAY	32	48		SILTY	GRAVEL/SAND/CLAY	48	54		WAXEY	TILL	54	86		TIGHT	GRAVEL/SAND/CLAY	86	88		COARSE/GRAVELSAND & GRAVEL		88	109		HARD	CLAY & SILT	109	124			WATER AT	7	109
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WELL TEST *																																																															
Pre-Pumping Static Level <u>6.79</u> ft. Date <u>11/8/2023</u>																																																															
Measured from <u>TOP OF CASING</u>																																																															
Pumping test method <u>PUMPING</u>																																																															
Test Rate <u>1413</u> gpm Duration of Test <u>24</u> hrs.																																																															
Feet of Drawdown <u>55.9</u> ft. Sustainable Yield <u>1413</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 CO</u>																																																															
Address <u>6451 GERMANTOWN RD</u>																																																															
City, State, Zip <u>MIDDLETOWN OH 45042</u>																																																															
Signed <u>BOB CURLEY</u> Date <u>12/5/2023</u>																																																															
(Filed Electronically)																																																															
ODH Registration Number <u>002289</u> Last Revised on <u>7/31/2025</u>		Aquifer Type (Formation producing the most water.) <u>SAND & GRAVEL</u>																																																													
		Date of Well Completion <u>11/08/2023</u> Total Depth of Well <u>107</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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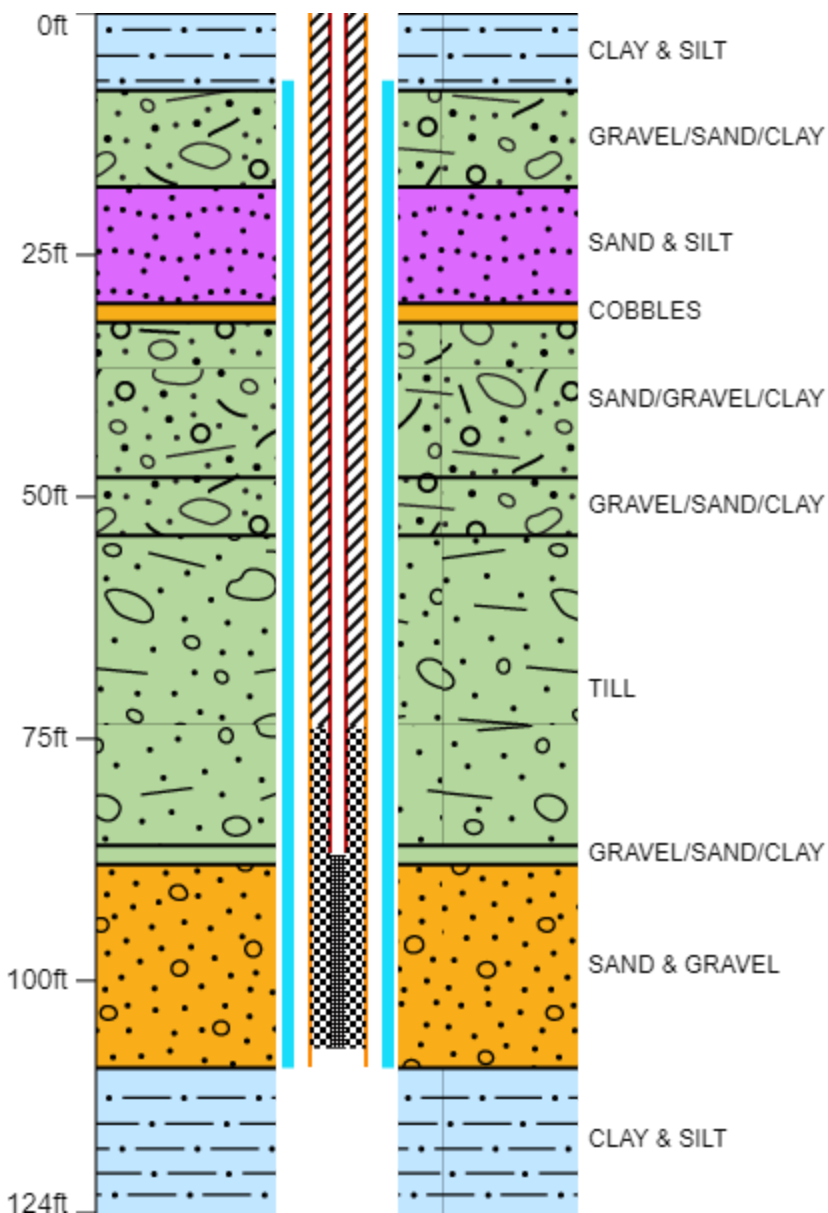
[illegible]

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WELL LOG AND DRILLING REPORT

Ohio Department of Natural Resources
Division of Water, 2045 Morse Road, Columbus, Ohio 43229-6605
Voice (614) 265-6740 Fax (614) 265-6767

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String: 1

Borehole Depth: 109 ft.

Borehole Diameter: 24 in.

Casing Length: 90 ft.

Casing Diameter: 16 in.

-  Borehole
-  Casing
-  Gravel
-  Grout
-  Screen
-  Water At