

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

3010065

Page 1 of 1 for this record.

WELL LOCATION		CONSTRUCTION DETAILS																																																																																											
County <u>BELMONT</u> Township <u>WASHINGTON</u> NATHAN LLOYD Owner/Builder 58060 S RAMSEY RIDGE RD CR Address of Well Location City <u>JACOBSBURG</u> Zip Code +4 <u>43933</u> Permit No. <u>11</u> Section; _____ and/or Lot No. _____ Use of Well <u>DOMESTIC</u>		Drilling Method: <u>CABLE TOOL</u> BOREHOLE/CASING (Measured from ground surface) 1 { Borehole Diameter <u>14</u> inches Depth <u>30</u> ft. Casing Diameter <u>8</u> in. Length <u>32</u> ft. Thickness <u>0.41</u> in. 2 { Borehole Diameter _____ inches Depth _____ ft. Casing Diameter _____ in. Length _____ ft. Thickness _____ in. Casing Height Above Ground _____ 2 _____ ft. Type { 1: <u>PVC</u> 2: _____ Joints { 1: <u>SOLVENT</u> 2: _____ SCREEN Diameter _____ in. Slot Size _____ in. Screen Length _____ ft. Type _____ Material _____ Set Between _____ ft. and _____ ft. GRAVEL PACK (Filter Pack) Material/Size _____ Vol/Wt. Used _____ Method of Installation _____ Depth: Placed From: _____ ft. To: _____ ft. GROUT Material _____ Vol/Wt. Used _____ Method of Installation _____ Depth: Placed From: _____ ft. To: _____ ft.																																																																																											
Coordinates of Well (Use only one of the below coordinate systems) Latitude, Longitude Coordinates Latitude: <u>39.924974</u> Longitude: <u>-80.907626</u> Elevation of Well in feet: <u>1168.3</u> +/- _____ ft. Datum Plane: ☐ NAD27 ☐ NAD83 Elevation Source <u>DIGITAL MAP</u> Source of Coordinates: <u>GPS</u> Well location written description: 3 miles south of intersection st rout 147 and county 5																																																																																													
Comments on water quality/quantity and well construction: clear and odorless 12" borehole 32' casing		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>CRUMBLY</td><td>CLAY & SHALE</td><td>0</td><td>12</td></tr> <tr><td>BROWN</td><td>BROKEN</td><td>SANDSTONE</td><td>12</td><td>30</td></tr> <tr><td>LT. BROWN</td><td>HARD</td><td>SANDSTONE</td><td>30</td><td>39</td></tr> <tr><td>BLACK</td><td>SHALEY</td><td>SHALE</td><td>39</td><td>42</td></tr> <tr><td>DARK GRAY</td><td>DENSE</td><td>CLAY & SHALE</td><td>42</td><td>49</td></tr> <tr><td>LT. GRAY</td><td>MIXED</td><td>SHALE</td><td>49</td><td>54</td></tr> <tr><td>GRAY</td><td>SOFT</td><td>LIMESTONE</td><td>54</td><td>60</td></tr> <tr><td>GRAY-TAN</td><td>MIXED</td><td>LIMESTONE & SHALE</td><td>60</td><td>70</td></tr> <tr><td>GRAY</td><td>DRY</td><td>CLAY</td><td>70</td><td>72</td></tr> <tr><td>DARK GRAY</td><td>DENSE</td><td>CLAY & SHALE</td><td>72</td><td>74</td></tr> <tr><td>GRAY</td><td>FINE</td><td>LIMESTONE & SHALE</td><td>74</td><td>90</td></tr> <tr><td>BLUE</td><td>CLAYEY</td><td>CLAY & SHALE</td><td>90</td><td>95</td></tr> <tr><td>RED</td><td>DRY</td><td>CLAY & SHALE</td><td>95</td><td>105</td></tr> <tr><td>BLACK</td><td>SOFT</td><td>COAL</td><td>105</td><td>106</td></tr> <tr><td>DARK GRAY</td><td>MIXED</td><td>CLAY & SHALE</td><td>106</td><td>108</td></tr> <tr><td>GRAY</td><td>HARD</td><td>LIMESTONE</td><td>108</td><td>118</td></tr> <tr><td></td><td></td><td>WATER AT</td><td>64</td><td>65</td></tr> </tbody> </table>		Color	Texture	Formation	From	To	BROWN	CRUMBLY	CLAY & SHALE	0	12	BROWN	BROKEN	SANDSTONE	12	30	LT. BROWN	HARD	SANDSTONE	30	39	BLACK	SHALEY	SHALE	39	42	DARK GRAY	DENSE	CLAY & SHALE	42	49	LT. GRAY	MIXED	SHALE	49	54	GRAY	SOFT	LIMESTONE	54	60	GRAY-TAN	MIXED	LIMESTONE & SHALE	60	70	GRAY	DRY	CLAY	70	72	DARK GRAY	DENSE	CLAY & SHALE	72	74	GRAY	FINE	LIMESTONE & SHALE	74	90	BLUE	CLAYEY	CLAY & SHALE	90	95	RED	DRY	CLAY & SHALE	95	105	BLACK	SOFT	COAL	105	106	DARK GRAY	MIXED	CLAY & SHALE	106	108	GRAY	HARD	LIMESTONE	108	118			WATER AT	64	65
Color	Texture	Formation	From	To																																																																																									
BROWN	CRUMBLY	CLAY & SHALE	0	12																																																																																									
BROWN	BROKEN	SANDSTONE	12	30																																																																																									
LT. BROWN	HARD	SANDSTONE	30	39																																																																																									
BLACK	SHALEY	SHALE	39	42																																																																																									
DARK GRAY	DENSE	CLAY & SHALE	42	49																																																																																									
LT. GRAY	MIXED	SHALE	49	54																																																																																									
GRAY	SOFT	LIMESTONE	54	60																																																																																									
GRAY-TAN	MIXED	LIMESTONE & SHALE	60	70																																																																																									
GRAY	DRY	CLAY	70	72																																																																																									
DARK GRAY	DENSE	CLAY & SHALE	72	74																																																																																									
GRAY	FINE	LIMESTONE & SHALE	74	90																																																																																									
BLUE	CLAYEY	CLAY & SHALE	90	95																																																																																									
RED	DRY	CLAY & SHALE	95	105																																																																																									
BLACK	SOFT	COAL	105	106																																																																																									
DARK GRAY	MIXED	CLAY & SHALE	106	108																																																																																									
GRAY	HARD	LIMESTONE	108	118																																																																																									
		WATER AT	64	65																																																																																									
WELL TEST * Pre-Pumping Static Level <u>64</u> ft. Date <u>6/17/2023</u> Measured from <u>GROUND LEVEL</u> Pumping test method <u>BAILING</u> Test Rate <u>1</u> gpm Duration of Test <u>2</u> hrs. Feet of Drawdown <u>54</u> ft. Sustainable Yield <u>1</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>10</u> gpm Pump set at <u>112</u> ft. Pitless Type <u>SIMMONS</u> Pump installed by <u>JOHN PHILLIPS</u> I hereby certify the information given is accurate and correct to the best of my knowledge. Drilling Firm <u>PHILLIPS DRILLING CO</u> Address <u>49359 O.R.W.STATION RD</u> City, State, Zip <u>JACOBSBURG OH 43933</u> Signed <u>JOHN PHILLIPS</u> Date <u>9/10/2023</u> (Filed Electronically)		Aquifer Type (Formation producing the most water.) <u>LIMESTONE & SHALE</u> Date of Well Completion <u>06/30/2023</u> Total Depth of Well <u>118</u> ft.																																																																																											
ODH Registration Number <u>000747</u> Last Revised on <u>7/31/2025</u>																																																																																													

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.