

WELL LOG AND DRILLING REPORT

DNR 7802.05e

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

2029170

Page 1 of 1 for this record.

WELL LOCATION	CONSTRUCTION DETAILS																																																		
County <u>GREENE</u> Township <u>XENIA</u>	Drilling Method: <u>CABLE TOOL</u>																																																		
<u>HARP</u> <u>DENNIS</u>	BOREHOLE/CASING (Measured from ground surface)																																																		
Owner/Builder <u>1046 HOOK RD</u>	1 { Borehole Diameter <u>6</u> inches Depth <u>150</u> ft. Casing Diameter <u>6</u> in. Length <u>127</u> ft. Thickness <u>0.188</u> in.																																																		
Address of Well Location	2 { Borehole Diameter _____ inches Depth _____ ft. Casing Diameter _____ in. Length _____ ft. Thickness _____ in.																																																		
City <u>XENIA</u> Zip Code +4 <u>45385</u>	Casing Height Above Ground _____ ft.																																																		
Permit No. <u>988814</u> Section; _____ and/or Lot No. _____	Type { 1: <u>Steel</u> 2: _____																																																		
Use of Well <u>DOMESTIC</u>	Joints { 1: <u>Welded</u> 2: _____																																																		
Coordinates of Well (Use only one of the below coordinate systems)	SCREEN																																																		
State Plane Coordinates	Diameter _____ in. Slot Size _____ in. Screen Length _____ ft.																																																		
N ☐ X _____ +/- _____ ft.	Type _____ Material _____																																																		
S ☐ Y _____ +/- _____ ft.	Set Between _____ ft. and _____ ft.																																																		
Latitude, Longitude Coordinates	GRAVEL PACK (Filter Pack)																																																		
Latitude: <u>39.666667</u> Longitude: <u>-83.9</u>	Material/Size _____ Vol/Wt. Used _____																																																		
Elevation of Well in feet: <u>1015</u> +/- <u>24</u> ft.	Method of Installation _____																																																		
Datum Plane: ☐ NAD27 ☒ NAD83 Elevation Source <u>GPS</u>	Depth: Placed From: _____ ft. To: _____ ft.																																																		
Source of Coordinates: <u>GPS</u>	GROUT																																																		
Well location written description:	Material <u>Bentonite dry granular</u> Vol/Wt. Used <u>110</u>																																																		
	Method of Installation <u>Dry Driven</u>																																																		
	Depth: Placed From: <u>0</u> ft. To: <u>127</u> ft.																																																		
Comments on water quality/quantity and well construction:	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></td> <td></td> <td>SOIL</td> <td>0</td> <td>2</td> </tr> <tr> <td>YELLOW</td> <td></td> <td>CLAY</td> <td>2</td> <td>14</td> </tr> <tr> <td>BROWN</td> <td></td> <td>CLAY</td> <td>14</td> <td>32</td> </tr> <tr> <td>GRAY</td> <td></td> <td>CLAY</td> <td>32</td> <td>89</td> </tr> <tr> <td></td> <td></td> <td>SAND</td> <td>89</td> <td>99</td> </tr> <tr> <td>GRAY</td> <td></td> <td>CLAY</td> <td>99</td> <td>120</td> </tr> <tr> <td>RED</td> <td></td> <td>SHALE</td> <td>120</td> <td>131</td> </tr> <tr> <td>BLUE</td> <td></td> <td>SHALE</td> <td>131</td> <td>150</td> </tr> <tr> <td></td> <td></td> <td>Water Encountered At</td> <td>135</td> <td>150</td> </tr> </tbody> </table>	Color	Texture	Formation	From	To			SOIL	0	2	YELLOW		CLAY	2	14	BROWN		CLAY	14	32	GRAY		CLAY	32	89			SAND	89	99	GRAY		CLAY	99	120	RED		SHALE	120	131	BLUE		SHALE	131	150			Water Encountered At	135	150
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WELL TEST *																																																			
Pre-Pumping Static Level <u>50</u> ft. Date <u>9/8/2010</u>																																																			
Measured from <u>TOP OF CASING</u>																																																			
Pumping test method <u>BAILING</u>																																																			
Test Rate <u>2.5</u> gpm Duration of Test <u>1</u> hrs.																																																			
Feet of Drawdown <u>100</u> ft. Sustainable Yield <u>2</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>12</u> gpm																																																			
Pump set at <u>145</u> ft. Pitless Type <u>ADAPTER</u>																																																			
Pump installed by <u>BARKER WELL DRILLING</u>																																																			
I hereby certify the information given is accurate and correct to the best of my knowledge.																																																			
Drilling Firm <u>BARKER'S WELL DRILLING, INC.</u>																																																			
Address <u>131 N BALLARD ST</u>																																																			
City, State, Zip <u>XENIA OH 45385</u>																																																			
Signed <u>ALAN WILLIAMSON</u> Date <u>9/30/2010</u>																																																			
(Filed Electronically)																																																			
ODH Registration Number <u>0042</u>	Aquifer Type (Formation producing the most water.) <u>SHALE</u>																																																		
	Date of Well Completion <u>9/8/2010</u> Total Depth of Well <u>150</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.