

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

2036717

Page 1 of 1 for this record.

WELL LOCATION	CONSTRUCTION DETAILS																																																																																																																																		
County <u>STARK</u> Township <u>PIKE</u>	Drilling Method: <u>ROTARY</u>																																																																																																																																		
BOB <u>CHAPMAN</u> Owner/Builder	BOREHOLE/CASING (Measured from ground surface)																																																																																																																																		
<u>3122 SE NEWMONT ST</u> Address of Well Location	1 { Borehole Diameter <u>12</u> inches Depth <u>38</u> ft. Casing Diameter <u>8</u> in. Length <u>40</u> ft. Thickness <u>0.332</u> in.																																																																																																																																		
City <u>MAGNOLIA</u> Zip Code +4 <u>44643</u>	2 { Borehole Diameter <u>8</u> inches Depth <u>207</u> ft. Casing Diameter _____ in. Length _____ ft. Thickness _____ in.																																																																																																																																		
Permit No. <u>23764</u> Section; <u>13</u> and/or Lot No. _____	Casing Height Above Ground <u>2</u> ft.																																																																																																																																		
Use of Well <u>DOMESTIC</u>	Type { 1: <u>PVC</u> 2: _____																																																																																																																																		
Coordinates of Well (Use only one of the below coordinate systems)	Joints { 1: <u>Solvent</u> 2: _____																																																																																																																																		
State Plane Coordinates	SCREEN																																																																																																																																		
N ☐ X _____ +/- _____ ft.	Diameter _____ in. Slot Size _____ in. Screen Length _____ ft.																																																																																																																																		
S ☐ Y _____ +/- _____ ft.	Type _____ Material _____																																																																																																																																		
Latitude, Longitude Coordinates	Set Between _____ ft. and _____ ft.																																																																																																																																		
Latitude: <u>40.689333</u> Longitude: <u>-81.332667</u>	GRAVEL PACK (Filter Pack)																																																																																																																																		
Elevation of Well in feet: <u>920</u> +/- _____ ft.	Material/Size _____ Vol/Wt. Used _____																																																																																																																																		
Datum Plane: ☐ NAD27 ☒ NAD83 Elevation Source <u>GPS</u>	Method of Installation _____																																																																																																																																		
Source of Coordinates: <u>GPS</u>	Depth: Placed From: _____ ft. To: _____ ft.																																																																																																																																		
Well location written description:	GROUT																																																																																																																																		
	Material <u>Bentonite slurry</u> Vol/Wt. Used <u>168 GAL / 350 LBS</u>																																																																																																																																		
	Method of Installation <u>Pumped w/Tremie pipe</u>																																																																																																																																		
	Depth: Placed From: <u>0</u> ft. To: <u>38</u> ft.																																																																																																																																		
Comments on water quality/quantity and well construction: PH 7.5 / IRON 0.2 PPM / GH 16 / CHLORIDES 200. WE INSTALLED 200' OF 5" PERFORATED LINER FROM 7' TO 207'.	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></td><td>FILL MATERIAL</td><td>0</td><td>9</td></tr> <tr><td>GRAY</td><td>SOFT</td><td>SHALE</td><td>9</td><td>15</td></tr> <tr><td>BROWN</td><td></td><td>SHALE</td><td>15</td><td>21</td></tr> <tr><td>GRAY</td><td></td><td>SHALE</td><td>21</td><td>60</td></tr> <tr><td></td><td></td><td>LIMESTONE</td><td>60</td><td>64</td></tr> <tr><td></td><td></td><td>COAL</td><td>64</td><td>66</td></tr> <tr><td></td><td></td><td>CLAY</td><td>66</td><td>76</td></tr> <tr><td></td><td></td><td>SHALE</td><td>76</td><td>115</td></tr> <tr><td></td><td></td><td>LIMESTONE</td><td>115</td><td>117</td></tr> <tr><td></td><td></td><td>COAL</td><td>117</td><td>118</td></tr> <tr><td>GRAY</td><td></td><td>SHALE</td><td>118</td><td>128</td></tr> <tr><td></td><td>SANDY</td><td>SHALE</td><td>128</td><td>130</td></tr> <tr><td>GRAY</td><td></td><td>SHALE</td><td>130</td><td>141</td></tr> <tr><td></td><td></td><td>LIMESTONE</td><td>141</td><td>144</td></tr> <tr><td></td><td></td><td>COAL</td><td>144</td><td>145</td></tr> <tr><td></td><td></td><td>CLAY</td><td>145</td><td>148</td></tr> <tr><td>GRAY</td><td></td><td>SHALE</td><td>148</td><td>189</td></tr> <tr><td></td><td></td><td>COAL</td><td>189</td><td>190</td></tr> <tr><td>GRAY</td><td></td><td>SHALE</td><td>190</td><td>198</td></tr> <tr><td></td><td></td><td>SANDSTONE</td><td>198</td><td>200</td></tr> <tr><td>GRAY</td><td></td><td>SHALE</td><td>200</td><td>207</td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>	Color	Texture	Formation	From	To	BROWN		FILL MATERIAL	0	9	GRAY	SOFT	SHALE	9	15	BROWN		SHALE	15	21	GRAY		SHALE	21	60			LIMESTONE	60	64			COAL	64	66			CLAY	66	76			SHALE	76	115			LIMESTONE	115	117			COAL	117	118	GRAY		SHALE	118	128		SANDY	SHALE	128	130	GRAY		SHALE	130	141			LIMESTONE	141	144			COAL	144	145			CLAY	145	148	GRAY		SHALE	148	189			COAL	189	190	GRAY		SHALE	190	198			SANDSTONE	198	200	GRAY		SHALE	200	207																				
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WELL TEST *																																																																																																																																			
Pre-Pumping Static Level <u>119</u> ft. Date <u>2/25/2012</u>																																																																																																																																			
Measured from <u>TOP OF CASING</u>																																																																																																																																			
Pumping test method <u>AIR</u>																																																																																																																																			
Test Rate <u>2.5</u> gpm Duration of Test <u>1</u> hrs.																																																																																																																																			
Feet of Drawdown <u>88</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>7</u> gpm																																																																																																																																			
Pump set at <u>197</u> ft. Pitless Type <u>PULL-THROUGH</u>																																																																																																																																			
Pump installed by <u>JENEI DRILLING CO. INC.</u>																																																																																																																																			
I hereby certify the information given is accurate and correct to the best of my knowledge.																																																																																																																																			
Drilling Firm <u>JENEI DRILLING CO. INC.</u>																																																																																																																																			
Address <u>P O BOX 67</u>																																																																																																																																			
City, State, Zip <u>STRASBURG OH 44680</u>																																																																																																																																			
Signed <u>ROBERT L. JENEI, PRES</u> Date <u>3/6/2012</u>																																																																																																																																			
(Filed Electronically)																																																																																																																																			
ODH Registration Number <u>0031</u>	Aquifer Type (Formation producing the most water.) <u>SANDSTONE</u>																																																																																																																																		
	Date of Well Completion <u>2/25/2012</u> Total Depth of Well <u>207</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.