

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

2046391

Page 1 of 1 for this record.

WELL LOCATION	CONSTRUCTION DETAILS																																																																											
County <u>LAWRENCE</u> Township <u>SYMMES</u>	Drilling Method: <u>CABLE TOOL</u>																																																																											
Owner/Builder <u>PAM BEACHAM</u>	BOREHOLE/CASING (Measured from ground surface)																																																																											
Address of Well Location <u>1289 TWO RD 320 RD</u>	1 { Borehole Diameter <u>9</u> inches Depth <u>31</u> ft. Casing Diameter <u>6</u> in. Length <u>31</u> ft. Thickness <u>0.188</u> in.																																																																											
City <u>WATERLOO</u> Zip Code +4 _____	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</u> ft.																																																																											
Use of Well <u>DOMESTIC</u>	Type { 1: <u>Steel</u> 2: _____																																																																											
Coordinates of Well (Use only one of the below coordinate systems)	Joints { 1: <u>Welded</u> 2: _____																																																																											
State Plane Coordinates	SCREEN																																																																											
N ☒ X <u>38.71</u> +/- <u>10</u> ft.	Diameter _____ in. Slot Size _____ in. Screen Length _____ ft.																																																																											
S ☐ Y <u>82.49</u> +/- <u>10</u> ft.	Type _____ Material _____																																																																											
Latitude, Longitude Coordinates	Set Between _____ ft. and _____ ft.																																																																											
Latitude: _____ Longitude: _____	GRAVEL PACK (Filter Pack)																																																																											
Elevation of Well in feet: <u>925</u> +/- <u>10</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 dry granular</u> Vol/Wt. Used <u>400</u>																																																																											
	Method of Installation <u>Poured (gravity)</u>																																																																											
	Depth: Placed From: <u>1</u> ft. To: <u>31</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>BROWN</td><td>FINE TO COARSE SOIL</td><td></td><td>0</td><td>3</td></tr> <tr><td>YELLOW</td><td>SANDY</td><td>SANDSTONE</td><td>3</td><td>28</td></tr> <tr><td>GRAY</td><td>MEDIUM</td><td>SHALE AND COAL</td><td>28</td><td>35</td></tr> <tr><td>LT. GRAY</td><td>MEDIUM</td><td>SHALE</td><td>35</td><td>40</td></tr> <tr><td>DARK GRAY</td><td>MEDIUM</td><td>SHALE</td><td>40</td><td>52</td></tr> <tr><td>RED</td><td>MIXED</td><td>SHALE</td><td>52</td><td>60</td></tr> <tr><td>GRAY</td><td>MIXED</td><td>SHALE</td><td>60</td><td>115</td></tr> <tr><td>RED</td><td>MIXED</td><td>SHALE</td><td>115</td><td>170</td></tr> <tr><td>GRAY</td><td>MEDIUM</td><td>SHALE AND COAL</td><td>170</td><td>190</td></tr> <tr><td>GRAY-TAN</td><td>MOIST</td><td>SANDSTONE</td><td>190</td><td>205</td></tr> <tr><td>DARK GRAY</td><td>MEDIUM</td><td>SANDSTONE</td><td>205</td><td>215</td></tr> <tr><td>GRAY-TAN</td><td>MEDIUM</td><td>SANDSTONE</td><td>215</td><td>230</td></tr> <tr><td>DARK GRAY</td><td>MOIST</td><td>SANDSTONE AND COAL</td><td>230</td><td>247</td></tr> <tr><td colspan="3">Water Encountered At</td><td>115</td><td>170</td></tr> </tbody> </table>	Color	Texture	Formation	From	To	BROWN	FINE TO COARSE SOIL		0	3	YELLOW	SANDY	SANDSTONE	3	28	GRAY	MEDIUM	SHALE AND COAL	28	35	LT. GRAY	MEDIUM	SHALE	35	40	DARK GRAY	MEDIUM	SHALE	40	52	RED	MIXED	SHALE	52	60	GRAY	MIXED	SHALE	60	115	RED	MIXED	SHALE	115	170	GRAY	MEDIUM	SHALE AND COAL	170	190	GRAY-TAN	MOIST	SANDSTONE	190	205	DARK GRAY	MEDIUM	SANDSTONE	205	215	GRAY-TAN	MEDIUM	SANDSTONE	215	230	DARK GRAY	MOIST	SANDSTONE AND COAL	230	247	Water Encountered At			115	170
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WELL TEST *																																																																												
Pre-Pumping Static Level <u>145</u> ft. Date <u>1/9/2014</u>																																																																												
Measured from <u>TOP OF CASING</u>																																																																												
Pumping test method <u>BAILING</u>																																																																												
Test Rate <u>1</u> gpm Duration of Test <u>2</u> hrs.																																																																												
Feet of Drawdown <u>90</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>7</u> gpm																																																																												
Pump set at <u>247</u> ft. Pitless Type <u>BELT W/ CLEAR WAY</u>																																																																												
Pump installed by <u>DRILLER</u>																																																																												
I hereby certify the information given is accurate and correct to the best of my knowledge.																																																																												
Drilling Firm <u>PINSON DRILLING INC</u>																																																																												
Address <u>2150 8TH AVE</u>																																																																												
City, State, Zip <u>HUNTINGTON WV 25701</u>																																																																												
Signed <u>RENEE' HATFIELD</u> Date <u>2/11/2014</u>																																																																												
(Filed Electronically)																																																																												
ODH Registration Number <u>3224</u>	Aquifer Type (Formation producing the most water.) <u>SANDSTONE & COAL</u>																																																																											
	Date of Well Completion <u>1/9/2014</u> Total Depth of Well <u>247</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.