

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

2040387

Page 1 of 1 for this record.

WELL LOCATION	CONSTRUCTION DETAILS																																																																																															
County <u>TUSCARAWAS</u> Township <u>FRANKLIN</u>	Drilling Method: <u>AIR HAMMER</u>																																																																																															
Owner/Builder <u>THOMAS JR. NEWTON</u>	BOREHOLE/CASING (Measured from ground surface)																																																																																															
Address of Well Location <u>5449 SUNSET BLVD</u>	1 { Borehole Diameter <u>8</u> inches Depth <u>240</u> ft. Casing Diameter <u>5</u> in. Length <u>240</u> ft. Thickness <u>0.265</u> in.																																																																																															
City <u>STRASBURG</u> Zip Code +4 <u>44680</u>	2 { Borehole Diameter <u>4.875</u> inches Depth <u>320</u> ft. Casing Diameter _____ in. Length _____ ft. Thickness _____ in.																																																																																															
Permit No. <u>509926</u> Section; _____ 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>40.61272</u> Longitude: <u>-81.55764</u>	GRAVEL PACK (Filter Pack)																																																																																															
Elevation of Well in feet: _____ +/- _____ ft.	Material/Size _____ Vol/Wt. Used _____																																																																																															
Datum Plane: ☐ NAD27 ☒ NAD83 Elevation Source _____	Method of Installation _____																																																																																															
Source of Coordinates: <u>GPS</u>	Depth: Placed From: _____ ft. To: _____ ft.																																																																																															
Well location written description:	GROUT																																																																																															
	Material <u>Bentonite/polymer slurry</u> Vol/Wt. Used <u>500 GALLONS</u>																																																																																															
	Method of Installation <u>Pumped w/Tremie pipe</u>																																																																																															
	Depth: Placed From: <u>238</u> ft. To: <u>0</u> ft.																																																																																															
Comments on water quality/quantity and well construction: <u>10 GRAINS HARD, 7.5 P.H., 1 PPM IRON - BOTTOM 80 FT. OF CASING HAS A WALL THICKNESS OF .327</u>	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>CLAY</td><td>0</td><td>2</td></tr> <tr><td>BROWN</td><td></td><td>SHALE</td><td>2</td><td>8</td></tr> <tr><td></td><td></td><td>COAL</td><td>8</td><td>9</td></tr> <tr><td></td><td></td><td>CLAY</td><td>9</td><td>12</td></tr> <tr><td>BROWN</td><td></td><td>SANDSTONE</td><td>12</td><td>30</td></tr> <tr><td>GRAY</td><td></td><td>SANDSTONE</td><td>30</td><td>70</td></tr> <tr><td>BROWN</td><td></td><td>SANDSTONE</td><td>70</td><td>75</td></tr> <tr><td>GRAY</td><td></td><td>SANDSTONE</td><td>75</td><td>80</td></tr> <tr><td>GRAY</td><td></td><td>SHALE</td><td>80</td><td>87</td></tr> <tr><td></td><td></td><td>LIMESTONE</td><td>87</td><td>90</td></tr> <tr><td></td><td></td><td>CLAY</td><td>90</td><td>95</td></tr> <tr><td>GRAY</td><td></td><td>SHALE</td><td>95</td><td>118</td></tr> <tr><td>GRAY</td><td></td><td>SANDSTONE</td><td>118</td><td>165</td></tr> <tr><td>DARK</td><td></td><td>SHALE</td><td>165</td><td>190</td></tr> <tr><td></td><td></td><td>LIMESTONE</td><td>190</td><td>193</td></tr> <tr><td>GRAY</td><td></td><td>SHALE</td><td>193</td><td>260</td></tr> <tr><td>TAN</td><td></td><td>SANDSTONE</td><td>260</td><td>320</td></tr> <tr><td></td><td></td><td>Water Encountered At</td><td>280</td><td>320</td></tr> </tbody> </table>	Color	Texture	Formation	From	To	BROWN		CLAY	0	2	BROWN		SHALE	2	8			COAL	8	9			CLAY	9	12	BROWN		SANDSTONE	12	30	GRAY		SANDSTONE	30	70	BROWN		SANDSTONE	70	75	GRAY		SANDSTONE	75	80	GRAY		SHALE	80	87			LIMESTONE	87	90			CLAY	90	95	GRAY		SHALE	95	118	GRAY		SANDSTONE	118	165	DARK		SHALE	165	190			LIMESTONE	190	193	GRAY		SHALE	193	260	TAN		SANDSTONE	260	320			Water Encountered At	280	320
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WELL TEST *																																																																																																
Pre-Pumping Static Level <u>160</u> ft. Date <u>10/23/2012</u>																																																																																																
Measured from <u>GROUND LEVEL</u>																																																																																																
Pumping test method <u>AIR</u>																																																																																																
Test Rate <u>15</u> gpm Duration of Test <u>1</u> hrs.																																																																																																
Feet of Drawdown <u>100</u> ft. Sustainable Yield <u>15</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>260</u> ft. Pitless Type <u>ADAPTER</u>																																																																																																
Pump installed by <u>R.G. STOCKERT DRILLING CO.</u>																																																																																																
I hereby certify the information given is accurate and correct to the best of my knowledge.																																																																																																
Drilling Firm <u>R.G. STOCKERT DRILLING CO.</u>																																																																																																
Address <u>9654 NW SR 250</u>																																																																																																
City, State, Zip <u>STRASBURG OH 44680</u>																																																																																																
Signed <u>REGINALD G. STOCKERT</u> Date <u>10/25/2012</u>																																																																																																
(Filed Electronically)																																																																																																
ODH Registration Number <u>0994</u>	Aquifer Type (Formation producing the most water.) <u>SANDSTONE</u>																																																																																															
	Date of Well Completion <u>10/23/2012</u> Total Depth of Well <u>320</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.