

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

2040732

Page 1 of 2 for this record.

WELL LOCATION	CONSTRUCTION DETAILS																																																																																																																													
County <u>STARK</u> Township <u>PIKE</u>	Drilling Method: <u>AIR ROTARY</u>																																																																																																																													
Owner/Builder <u>SCOTT BROWN</u>	BOREHOLE/CASING (Measured from ground surface)																																																																																																																													
Address of Well Location <u>3647 HAUT RD</u>	1 { Borehole Diameter <u>8</u> inches Depth <u>260</u> ft. Casing Diameter <u>5</u> in. Length <u>262</u> ft. Thickness <u>0.265</u> in.																																																																																																																													
City <u>EAST SPARTA</u> Zip Code +4 <u>44626</u>	2 { Borehole Diameter <u>4.875</u> inches Depth <u>398</u> ft. Casing Diameter _____ in. Length _____ ft. Thickness _____ in.																																																																																																																													
Permit No. <u>23955</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>40.69557</u> Longitude: <u>-81.42263</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>520 GALLONS</u>																																																																																																																													
	Method of Installation <u>Pumped w/Tremie pipe</u>																																																																																																																													
	Depth: Placed From: <u>260</u> ft. To: <u>0</u> ft.																																																																																																																													
Comments on water quality/quantity and well construction: <u>8 GRAINS HARD, 7.5 P.H., 1.5 PPM IRON, 60 MPG CHLORIDES - BOTTOM 100 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>22</td></tr> <tr><td>GRAY</td><td></td><td>SHALE</td><td>22</td><td>45</td></tr> <tr><td></td><td>GRITTY</td><td>SANDSTONE</td><td>45</td><td>50</td></tr> <tr><td></td><td></td><td>LIMESTONE</td><td>50</td><td>84</td></tr> <tr><td></td><td></td><td>COAL</td><td>84</td><td>86</td></tr> <tr><td></td><td></td><td>CLAY</td><td>86</td><td>90</td></tr> <tr><td>GRAY</td><td></td><td>SHALE</td><td>90</td><td>130</td></tr> <tr><td></td><td>SANDY</td><td>SHALE</td><td>130</td><td>132</td></tr> <tr><td>GRAY</td><td>SANDY</td><td>SHALE</td><td>132</td><td>140</td></tr> <tr><td>DARK</td><td></td><td>SHALE</td><td>140</td><td>152</td></tr> <tr><td></td><td></td><td>LIMESTONE</td><td>152</td><td>154</td></tr> <tr><td>GRAY</td><td></td><td>SHALE</td><td>154</td><td>167</td></tr> <tr><td></td><td></td><td>SANDSTONE</td><td>167</td><td>172</td></tr> <tr><td>GRAY</td><td></td><td>SHALE</td><td>172</td><td>210</td></tr> <tr><td></td><td></td><td>SANDSTONE</td><td>210</td><td>215</td></tr> <tr><td>GRAY</td><td></td><td>SHALE</td><td>215</td><td>237</td></tr> <tr><td></td><td></td><td>SANDSTONE</td><td>237</td><td>242</td></tr> <tr><td></td><td>SANDY</td><td>SHALE</td><td>242</td><td>258</td></tr> <tr><td>DARK</td><td></td><td>SHALE</td><td>258</td><td>275</td></tr> <tr><td></td><td></td><td>SANDSTONE</td><td>275</td><td>278</td></tr> <tr><td>DARK</td><td></td><td>SHALE</td><td>278</td><td>330</td></tr> <tr><td>WHITE</td><td></td><td>SANDSTONE</td><td>330</td><td>332</td></tr> <tr><td>DARK</td><td></td><td>SHALE</td><td>332</td><td>340</td></tr> <tr><td>WHITE</td><td></td><td>SANDSTONE</td><td>340</td><td>398</td></tr> </tbody> </table>	Color	Texture	Formation	From	To	BROWN		CLAY	0	22	GRAY		SHALE	22	45		GRITTY	SANDSTONE	45	50			LIMESTONE	50	84			COAL	84	86			CLAY	86	90	GRAY		SHALE	90	130		SANDY	SHALE	130	132	GRAY	SANDY	SHALE	132	140	DARK		SHALE	140	152			LIMESTONE	152	154	GRAY		SHALE	154	167			SANDSTONE	167	172	GRAY		SHALE	172	210			SANDSTONE	210	215	GRAY		SHALE	215	237			SANDSTONE	237	242		SANDY	SHALE	242	258	DARK		SHALE	258	275			SANDSTONE	275	278	DARK		SHALE	278	330	WHITE		SANDSTONE	330	332	DARK		SHALE	332	340	WHITE		SANDSTONE	340	398
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WELL TEST *																																																																																																																														
Pre-Pumping Static Level <u>150</u> ft. Date <u>11/14/2012</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>150</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>320</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>11/16/2012</u>																																																																																																																														
(Filed Electronically)																																																																																																																														
ODH Registration Number <u>0994</u>	Aquifer Type (Formation producing the most water.) <u>SANDSTONE</u>																																																																																																																													
	Date of Well Completion <u>11/14/2012</u> Total Depth of Well <u>398</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.

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