

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

2035954

Page 1 of 1 for this record.

WELL LOCATION	CONSTRUCTION DETAILS																																																																											
County <u>TUSCARAWAS</u> Township <u>SUGAR CREEK</u>	Drilling Method: <u>ROTARY</u>																																																																											
Owner/Builder <u>GLEN FISHER</u>	BOREHOLE/CASING (Measured from ground surface)																																																																											
Address of Well Location <u>2844 NW SIMONS RD</u>	1 { Borehole Diameter <u>8</u> inches Depth <u>118</u> ft. Casing Diameter <u>5</u> in. Length <u>120</u> ft. Thickness <u>0.265</u> in.																																																																											
City <u>SUGARCREEK</u> Zip Code +4 <u>44681</u>	2 { Borehole Diameter <u>5</u> inches Depth <u>181</u> ft. Casing Diameter _____ in. Length _____ ft. Thickness _____ in.																																																																											
Permit No. <u>502181</u> Section; <u>22</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>40.526333</u> Longitude: <u>-81.631167</u>	GRAVEL PACK (Filter Pack)																																																																											
Elevation of Well in feet: <u>1100</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>240 GAL / 500 LBS</u>																																																																											
	Method of Installation <u>Pumped w/Tremie pipe</u>																																																																											
	Depth: Placed From: <u>0</u> ft. To: <u>118</u> ft.																																																																											
Comments on water quality/quantity and well construction: <u>IRON: 0.4 / PH: 7.3 / GH: 8 / CHL: 50.</u> <u>GROUTING: 8 BAGS OF BENSEAL AND 2 BAGS OF HOLE PLUG.</u> <u>WE INSTALLED OWNERS OLD PUMP.</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>6</td></tr> <tr> <td></td><td></td><td>COAL</td><td>6</td><td>7</td></tr> <tr> <td>GRAY</td><td></td><td>SHALE</td><td>7</td><td>32</td></tr> <tr> <td></td><td></td><td>COAL</td><td>32</td><td>33</td></tr> <tr> <td></td><td></td><td>CLAY</td><td>33</td><td>36</td></tr> <tr> <td></td><td>SANDY</td><td>SHALE</td><td>36</td><td>39</td></tr> <tr> <td>GRAY</td><td></td><td>SHALE</td><td>39</td><td>62</td></tr> <tr> <td></td><td></td><td>COAL</td><td>62</td><td>63</td></tr> <tr> <td></td><td></td><td>CLAY</td><td>63</td><td>73</td></tr> <tr> <td></td><td></td><td>LIMESTONE</td><td>73</td><td>74</td></tr> <tr> <td></td><td></td><td>SHALE</td><td>74</td><td>81</td></tr> <tr> <td></td><td></td><td>CLAY</td><td>81</td><td>82</td></tr> <tr> <td></td><td></td><td>SANDSTONE</td><td>82</td><td>181</td></tr> <tr> <td></td><td></td><td>Water Encountered At</td><td>120</td><td>181</td></tr> </tbody> </table>	Color	Texture	Formation	From	To	BROWN		CLAY	0	6			COAL	6	7	GRAY		SHALE	7	32			COAL	32	33			CLAY	33	36		SANDY	SHALE	36	39	GRAY		SHALE	39	62			COAL	62	63			CLAY	63	73			LIMESTONE	73	74			SHALE	74	81			CLAY	81	82			SANDSTONE	82	181			Water Encountered At	120	181
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WELL TEST *																																																																												
Pre-Pumping Static Level <u>77</u> ft. Date <u>12/9/2011</u>																																																																												
Measured from <u>TOP OF CASING</u>																																																																												
Pumping test method <u>AIR</u>																																																																												
Test Rate <u>12</u> gpm Duration of Test <u>1</u> hrs.																																																																												
Feet of Drawdown <u>43</u> ft. Sustainable Yield <u>12</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>160</u> ft. Pitless Type <u>CLEARWAY</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>12/28/2011</u>																																																																												
(Filed Electronically)																																																																												
ODH Registration Number <u>0031</u>	Aquifer Type (Formation producing the most water.) <u>SANDSTONE</u>																																																																											
	Date of Well Completion <u>12/9/2011</u> Total Depth of Well <u>181</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.