

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

2033385

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>JIM SHROCK</u>	BOREHOLE/CASING (Measured from ground surface)																																																												
Address of Well Location <u>8413 NW ANGEL RD</u>	1 { Borehole Diameter <u>8</u> inches Depth <u>78</u> ft. Casing Diameter <u>5</u> in. Length <u>80</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>141</u> ft. Casing Diameter _____ in. Length _____ ft. Thickness _____ in.																																																												
Permit No. <u>502119</u> Section; <u>11</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>40.546</u> Longitude: <u>-81.6135</u>	GRAVEL PACK (Filter Pack)																																																												
Elevation of Well in feet: <u>1360</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: <u>4 MILES EAST OF WINKLEPLECK ROAD ON NORTH SIDE OF ANGEL ROAD.</u>	GROUT																																																												
	Material <u>Bentonite slurry</u> Vol/Wt. Used <u>96 GAL / 200 LBS</u>																																																												
	Method of Installation <u>Pumped w/Tremie pipe</u>																																																												
	Depth: Placed From: <u>0</u> ft. To: <u>78</u> ft.																																																												
Comments on water quality/quantity and well construction: <u>IRON 2.8 / PH 7.0 / GH 9 / CHL 50</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>SHALE</td> <td>0</td> <td>18</td> </tr> <tr> <td>BROWN</td> <td></td> <td>SANDSTONE</td> <td>18</td> <td>41</td> </tr> <tr> <td>GRAY</td> <td></td> <td>SHALE</td> <td>41</td> <td>56</td> </tr> <tr> <td>BROWN</td> <td></td> <td>SANDSTONE</td> <td>56</td> <td>61</td> </tr> <tr> <td></td> <td></td> <td>COAL</td> <td>61</td> <td>62</td> </tr> <tr> <td></td> <td></td> <td>CLAY</td> <td>62</td> <td>69</td> </tr> <tr> <td></td> <td></td> <td>SANDSTONE</td> <td>69</td> <td>101</td> </tr> <tr> <td>GRAY</td> <td></td> <td>SHALE</td> <td>101</td> <td>122</td> </tr> <tr> <td></td> <td>SANDY</td> <td>SHALE</td> <td>122</td> <td>136</td> </tr> <tr> <td>DARK</td> <td></td> <td>SHALE</td> <td>136</td> <td>141</td> </tr> <tr> <td></td> <td></td> <td>Water Encountered At</td> <td>69</td> <td>70</td> </tr> </tbody> </table>	Color	Texture	Formation	From	To	BROWN		SHALE	0	18	BROWN		SANDSTONE	18	41	GRAY		SHALE	41	56	BROWN		SANDSTONE	56	61			COAL	61	62			CLAY	62	69			SANDSTONE	69	101	GRAY		SHALE	101	122		SANDY	SHALE	122	136	DARK		SHALE	136	141			Water Encountered At	69	70
Color	Texture	Formation	From	To																																																									
BROWN		SHALE	0	18																																																									
BROWN		SANDSTONE	18	41																																																									
GRAY		SHALE	41	56																																																									
BROWN		SANDSTONE	56	61																																																									
		COAL	61	62																																																									
		CLAY	62	69																																																									
		SANDSTONE	69	101																																																									
GRAY		SHALE	101	122																																																									
	SANDY	SHALE	122	136																																																									
DARK		SHALE	136	141																																																									
		Water Encountered At	69	70																																																									
WELL TEST *																																																													
Pre-Pumping Static Level <u>77</u> ft. Date <u>6/27/2011</u>																																																													
Measured from <u>TOP OF CASING</u>																																																													
Pumping test method <u>AIR</u>																																																													
Test Rate <u>10</u> gpm Duration of Test <u>1</u> hrs.																																																													
Feet of Drawdown <u>53</u> ft. Sustainable Yield <u>10</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>125</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>7/19/2011</u>																																																													
(Filed Electronically)																																																													
ODH Registration Number <u>0031</u>	Aquifer Type (Formation producing the most water.) <u>SANDSTONE</u>																																																												
	Date of Well Completion <u>6/27/2011</u> Total Depth of Well <u>141</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.