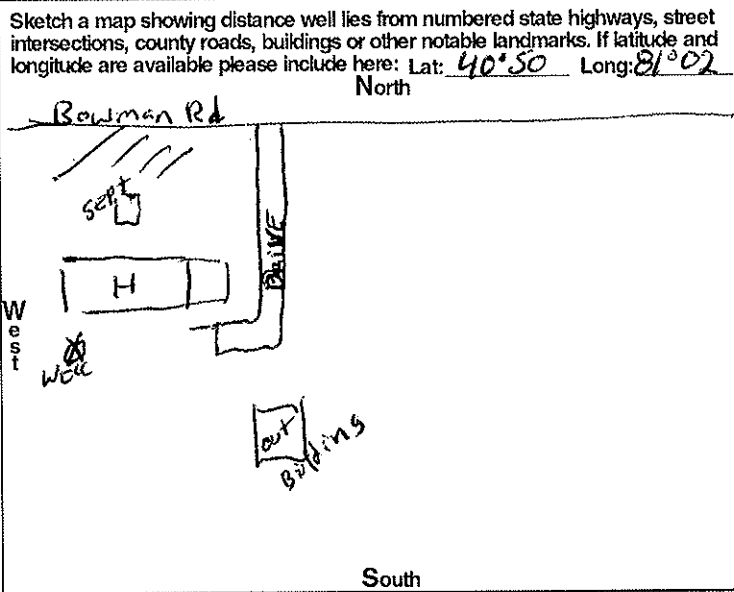


WELL LOG AND DRILLING REPORT

Ohio Department of Natural Resources
Division of Soil and Water Resources, 2045 Morse Road Building B
Columbus, Ohio 43229-6693 Voice (614) 265-6740 Fax (614) 265-6767

1019895

WELL LOCATION		CONSTRUCTION DETAILS	
County <u>Columbiana</u>	Township <u>Knox</u>	☐ Rotary ☒ Cable ☐ Augered ☐ Driven ☐ Other	
Owner/Builder (Circle One or Both) <u>William Grant</u>		BOREHOLE/CASING (measured from ground surface)	
Address of Well Location <u>24805</u>	Street Name <u>Bowman</u>	1 ☐ Borehole Diameter <u>5</u> inches	Depth <u>145</u> ft.
City <u>Homeworth</u>	Zip Code +4 <u>44634</u>	Casing Diameter <u>5</u> in. Length <u>128</u> ft. Thickness <u>.275</u> in.	
Permit No. <u>9153</u>	Section/Lot No. (Circle One or Both)	2 ☐ Borehole Diameter _____ inches	Depth _____ ft.
Location of Well in State Plane coordinates, if available:	Use of Well <u>Domestic</u>	Casing Diameter _____ in. Length _____ ft. Thickness _____ in.	
N ☐ X <u>40° 50'</u> <u>535</u> +/- _____ ft. or m		Casing Height Above Ground <u>30"</u>	
S ☐ Y <u>081° 02'</u> <u>018</u> +/- _____ ft. or m		Type 1 ☐ Steel 1 ☐ Galv. 1 ☐ PVC 1 ☐ Other	
Elevation of Well <u>1144</u> <u>00</u> +/- _____ ft. or m		Joints 1 ☐ Threaded 1 ☐ Welded 1 ☐ Solvent 1 ☐ Other	
Datum Plain: ☐ NAD27 ☐ NAD83 Elevation Source <u>GPS</u>		SCREEN	
Source of Coordinates: ☒ GPS ☐ Survey ☐ Other		Diameter _____ Slot Size _____ Screen Length _____ ft.	
Sketch a map showing distance well lies from numbered state highways, street intersections, county roads, buildings or other notable landmarks. If latitude and longitude are available please include here: Lat: <u>40° 50'</u> Long: <u>81° 02'</u> North 		GRAVEL PACK (Filter Pack)	
		Material/Size _____ Volume/Weight Used _____	
		Method of Installation _____	
		Depth: Placed FROM _____ ft. TO _____ ft.	
		GROUT	
Material <u>Benscal</u> Volume/Weight Used <u>700 lbs</u>			
Method of Installation <u>Poured</u>			
Depth: Placed FROM <u>0</u> ft. TO <u>128</u> ft.			
DRILLING LOG*			
INDICATE DEPTH(S) AT WHICH WATER IS ENCOUNTERED.			
Show color, texture, hardness, and formation: sandstone, shale, limestone, gravel, clay, sand, etc.		From	To
<u>CLAY</u>		<u>0</u>	<u>12</u>
<u>CLAY + GRAVEL</u>		<u>12</u>	<u>28</u>
<u>Quick SAND</u>		<u>28</u>	<u>46</u>
<u>SAND + GRAVEL</u>		<u>96</u>	<u>122</u>
<u>SANDY SHALE</u>		<u>122</u>	<u>145</u>
<u>(Water at 133)</u>			
WELL TEST*			
Pre-Pumping Static Level <u>1</u> ft. Date <u>12/9/16</u>			
Measured from: ☐ Top of Casing ☒ Ground Level ☐ Other			
☐ Air ☒ Bailing ☐ Pumping* ☐ Other			
Test Rate <u>20+</u> gpm Duration of Test <u>3</u> hrs.			
Feet of Drawdown <u>7</u> ft. Sustainable Yield <u>20+</u> gpm			
*(Attach a copy of the pumping test record, per section 1521.05, ORC)			
Is Copy Attached? ☐ Yes ☒ No Flowing Well? ☐ Yes ☐ No			
Quality <u>?</u>			
PUMP/PITLESS			
Type of pump <u>Submersible</u> Capacity <u>10</u> gpm			
Pump set at <u>30</u> ft. Pitless Type <u>Pull Through</u>			
Pump installed by <u>Grim</u>			
I hereby certify the information given is accurate and correct to the best of my knowledge.			
Drilling Firm <u>Grim Water Systems</u>			
Address <u>4579 Knox School Rd</u>			
City, State, Zip <u>Homeworth, OH 44634</u>			
Signed <u>Ed M</u> Date <u>12/22/16</u>			
ODH Registration Number <u>02375</u>			
* (If more space is needed to complete drilling log, use next consecutively numbered form.)			
Date of Well Completion <u>12/9/16</u>		Total Depth of Well <u>145</u> ft.	

Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.

ORIGINAL COPY TO - ODNR, DIVISION OF SOIL AND WATER RESOURCES, 2045 MORSE ROAD BLD. B, COLS., OHIO 43229-6693

Blue - Customer's copy Pink - Driller's copy Green - Local Health Dept. copy