

WELL LOG AND DRILLING REPORT

OHIO DEPARTMENT OF NATURAL RESOURCES

974427

Division of Water, 1939 Fountain Square Drive

Columbus, Ohio 43224-9971 Voice: (614) 265-6739 Fax: (614) 265-6767

WELL LOCATION	CONSTRUCTION DETAILS																								
County: WILLIAMS Township: MADISON Owner/Builder: Barbara Bertke Well Location: 14656 COUNTY ROAD P City: PIONEER Zip +4: 43554 Permit #: 3515 Section: 33 Lot: Location in State Plane Use of well: DOMESTIC X +/- Feet Y +/- Feet Elevation of Well: +/- Feet Datum Plain: Elevation Source: Source of Coordinates:	Drilling Method: Rotary <u>BORE HOLE/CASING</u> (Measured from ground surface) 1 Borehole Diameter: 8.00 Inches Depth: 112.00 Feet Casing Diameter: 5.00 Inches Length: 109 Ft Thickness: 0.265 In 2 Borehole Diameter: Inches Depth: Feet Casing Diameter: Inches Length: Ft Thickness: In Casing Height above Ground: 1 Feet Type 1 PVC plastic 2 Joints 1 Solvent welded 2 <u>SCREEN</u> Diameter: 4 In Slot size: 20 Length: 3 Ft. Type & Material: Stainless steel-wire Set between: 109 Ft. an 112 Ft. <u>GRAVEL PACK</u> Material/Size: Pea Gravel Volume/Weight Used 150.00 Pounds Method of Installation: Gravity Pour Depth: Placed From 112 Feet To: 107 Feet <u>GROUT</u> Material: Bentonite slurry #Volume/Weight Used 350 Pounds Method of installation: Grout pipe outside casing Depth: Placed From 0 Feet To: 107 Feet																								
Map Sketch Latitude: 41.65073 Longitude: -84.540493																									
WELL TEST*	DRILLING LOG																								
Pre-pumping Static Level: 33 ft Date 9/20/2013 Measured from: Ground Level Test Method: Air Test Rate: 50 gpm Duration of Test 1 hrs Ft of Drawdown: 1 Feet Sustainable Yield: gpm Attach a copy of the pumping test reord, per section 1521.05, ORC Is Copy Attached?: No Flowing Well: No Water Quality: FRESH & CLEAR	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">From</th> <th style="text-align: center;">To</th> </tr> </thead> <tbody> <tr><td>Topsoil</td><td style="text-align: center;">0</td><td style="text-align: center;">2</td></tr> <tr><td>Yellow Clay</td><td style="text-align: center;">2</td><td style="text-align: center;">14</td></tr> <tr><td>Gray Clay</td><td style="text-align: center;">14</td><td style="text-align: center;">58</td></tr> <tr><td>Gravel</td><td style="text-align: center;">58</td><td style="text-align: center;">61</td></tr> <tr><td>Gray Clay & Gravel</td><td style="text-align: center;">61</td><td style="text-align: center;">105</td></tr> <tr><td>Gravel</td><td style="text-align: center;">105</td><td style="text-align: center;">112</td></tr> <tr><td>Gray Sandy Clay & Gravel</td><td style="text-align: center;">112</td><td></td></tr> </tbody> </table>		From	To	Topsoil	0	2	Yellow Clay	2	14	Gray Clay	14	58	Gravel	58	61	Gray Clay & Gravel	61	105	Gravel	105	112	Gray Sandy Clay & Gravel	112	
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PUMP/PITLESS																									
Pump Type: Submersible Capacity: 12 gpm Pump set at: 80 Ft Pitless Type: Wells 5x1 PVC Pump installed by: Watson Well Drilling, Inc.																									
I hereby certify the information given is accurate and correct to the best of my knowledge. Drilling Firm: Watson Well Drilling, Inc. Address: 13580 County Road C City, State, Zip: Bryan, OH 43506 Signed <u>James N. Watson</u> Date <u>10-24-13</u> Registered Representative ODH Registration Number: 823	Date of Well Completion: 9/20/2013 Total Depth of Well: 112 Feet																								

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 Water, 1939 Fountain Square Drive, Columbus, OHIO 43224-9971

Submit copies to Customer, Local Health Department, Company