

WELL LOG AND DRILLING REPORT

OHIO DEPARTMENT OF NATURAL RESOURCES

974436

Division of Water, 1939 Fountain Square Drive

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

WELL LOCATION	CONSTRUCTION DETAILS																					
County: DEFIANCE Township: FARMER Owner/Builder: Robert Mavis Well Location: 09881 ROUTE 249 City: FARMER Zip +4: 43520 Permit #: 512382 Section: 16 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: 142.00 Feet Casing Diameter: 5.00 Inches Length: 137 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: 6 In Slot size: 15 Length: 5 Ft. Type & Material: Stainless steel-wire Set between: 141 Ft. and 136 Ft. <u>GRAVEL PACK</u> Material/Size: #0 Sand Volume/Weight Used 300.00 Pounds Method of Installation: Gravity Pour Depth: Placed From 142 Feet To: 134 Feet <u>GROUT</u> Material: Bentonite slurry #Volume/Weight Used 450 Pounds Method of installation: Grout pipe outside casing Depth: Placed From 134 Feet To: 0 Feet																					
Map Sketch Latitude: 41.38353 Longitude: -84.63349																						
WELL TEST*	DRILLING LOG																					
Pre-pumping Static Level: 19 ft Date: 10/25/2013 Measured from: Ground Level Test Method: Air Test Rate: 25 gpm Duration of Test 1 hrs Ft of Drawdown: 14 Feet Sustainable Yield: gpm Attach a copy of the pumping test record, 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;">88</td> </tr> <tr> <td>Gray Clay & Gravel</td> <td style="text-align: center;">88</td> <td style="text-align: center;">134</td> </tr> <tr> <td>Brown Clay & Gravel</td> <td style="text-align: center;">134</td> <td style="text-align: center;">141</td> </tr> <tr> <td>Black Shale</td> <td style="text-align: center;">141</td> <td style="text-align: center;">142</td> </tr> </tbody> </table>		From	To	Topsoil	0	2	Yellow Clay	2	14	Gray Clay	14	88	Gray Clay & Gravel	88	134	Brown Clay & Gravel	134	141	Black Shale	141	142
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PUMP/PITLESS																						
Pump Type: Submersible Capacity: 12 gpm Pump set at: 75 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>11-7-13</u> Registered Representative ODH Registration Number: 823																						
Date of Well Completion: 10/31/2013 Total Depth of Well: 142 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