

WELL COMPLETION RECORD (Form 8)

Ohio Department of Natural Resources
Division of Oil and Gas Resources Management
2045 Morse Road, Bldg. F-2, Columbus, OH 43229-6693
Telephone: (614) 265-6922; Fax: (614) 265-6910

This report is due in duplicate 60 days after completion of the well. If the permit has expired and the well was not drilled, check the box below, sign on reverse side (Back), and return to our office within 30 days after expiration. ☐

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Division of Oil and Gas
Resources Management

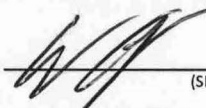
1. Owner #: 8905	3. API #: 34-155-2-4075-00-00																																																	
2. Owner name, address and telephone numbers: AMERICAN WATER MGMT SERV LLC ONE AMERICAN WAY WARREN, OH 44484 Telephone No.: (330) 856-8800	4. Type of Permit: SWIW																																																	
8. Type of Well: Salt Water Injection Well	5. County: TRUMBULL																																																	
9. X: 2,474,652 Y: 561,735	6. Civil Township: WEATHERSFIELD																																																	
10. Quad: WARREN	7. Footage: 674' SL & 2153' WL OF SECTION 9																																																	
11. Section: 9 12. Lot:	21. Date drilling commenced: 9/14/2013																																																	
13. Fraction: 14. Qtr. Twp:	22. Date drilling completed: 1/2/2014																																																	
15. Tract:	23. Date put into production:																																																	
16. Allot:	24. Date plugged, if dry:																																																	
17. Well #: 2	25. Producing formation:																																																	
18. Lease Name: AWMS-2 (SWIW #22)	26. Deepest formation: MT. SIMON SANDSTONE																																																	
19. PTD: 8300 20. Drilling unit: n/a	27. Driller's total depth: 8501																																																	
	28. Logger's total depth: 8502																																																	
30. Type of tools: <input type="checkbox"/> Cable <input checked="" type="checkbox"/> Air Rotary <input checked="" type="checkbox"/> Fluid Rotary <input type="checkbox"/> Service Rig	29. Lost hole at _____ feet.																																																	
	31. Type of completion: <input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Through Casing <input type="checkbox"/> Slotted Liner																																																	
	32. Elevation: Ground Level 909 Derrick Floor Kelly Bushing 924																																																	
33. Perforated intervals and number of shots: Open hole																																																		
34. Name of Frac Company:																																																		
35. Method of shot, acid, or fracture treatments, production tests, pressures, etc.: SHOT: _____ ACID: _____ FRAC FLUIDS: _____ SAND: _____ PRESSURES (psi): Lbs. _____ Gals. 3800 Water (gals) _____ Lbs. _____ Breakdown 500 Qts. _____ Type HCl Water (bbl) _____ Sks. _____ ATP 975 Type _____ Percent 28 CO2 (tons) _____ ISIP 550 N2 (mscf) _____ 5 min. SIP 275 Avg. Rate 4 BPM METHOD OF FLUID CONTAINMENT FLUIDS: PIT FRAC TANK Swab <input type="checkbox"/> <input type="checkbox"/> Flowback <input type="checkbox"/> <input type="checkbox"/> DATE TREATED: _____ <input type="checkbox"/> Well Stimulation Additives Report (Form 8B) Attached <input type="checkbox"/> Stimulation Information Reported to FracFocus.																																																		
36. Amount of initial production per day: (MCF) (Bbls) (Bbls) Natural: Gas _____ Oil _____ Brine _____ After Treatment: Gas _____ Oil _____ Brine _____ SERC Data: Number of Tanks: _____ Maximum Storage Capacity of all Tanks (bbls.) _____																																																		
37. Casing and tubing record: <table border="1"><thead><tr><th>Type</th><th>Wellbore Diameter</th><th>Casing Size</th><th>Feet Installed</th><th>Amount of Cement (Sacks)</th><th>Feet Left in Well</th><th>Number of Centralizers</th></tr></thead><tbody><tr><td>Conductor/Drive Pipe:</td><td>36</td><td>30</td><td>40</td><td>8 yards</td><td>40</td><td>0</td></tr><tr><td>Surface:</td><td>26</td><td>20</td><td>100</td><td>265</td><td>100</td><td>0</td></tr><tr><td colspan="7"><input type="checkbox"/> Attach Form 8A (Surface Hole Additives Report)</td></tr><tr><td>Intermediate:</td><td>17.5</td><td>13.375</td><td>914</td><td>850</td><td>914</td><td>12</td></tr><tr><td>Production:</td><td>12.25</td><td>9.625</td><td>7201</td><td>1-530 2-805</td><td>7201</td><td>30</td></tr><tr><td>Tubing:</td><td></td><td>4.5</td><td>7113</td><td></td><td>7113</td><td></td></tr></tbody></table> Other: set 4.5" x 9.625" Baker Loc-Set packer @7113' with on/off tool and wireline entry guide		Type	Wellbore Diameter	Casing Size	Feet Installed	Amount of Cement (Sacks)	Feet Left in Well	Number of Centralizers	Conductor/Drive Pipe:	36	30	40	8 yards	40	0	Surface:	26	20	100	265	100	0	<input type="checkbox"/> Attach Form 8A (Surface Hole Additives Report)							Intermediate:	17.5	13.375	914	850	914	12	Production:	12.25	9.625	7201	1-530 2-805	7201	30	Tubing:		4.5	7113		7113	
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38. Name of drilling contractor: Whipstock Natural Gas Services, LLC																																																		
39. Type of electrical and/or wireline logs run: Gamma Ray, Caliper, Neutron, Density, Resistivity, CCL, Cement Bond, (all logs must be submitted) Radioactive Tracer Log																																																		
40. Name of logging company: Baker Hughes																																																		
DIVISION USE ONLY Log Submitted: Yes/No Confidential: Yes/No FRAC DATA SUBMITTED: Well Class: _____ Pressure/Rate Graph <input type="checkbox"/> Record <input type="checkbox"/> Invoice <input type="checkbox"/>																																																		

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FORMATION	TOP	BASE	Shows of oil, gas, fresh water, or brine; indicate depth or interval	Division of REMARKS Gas Resources Management
Fresh water Strata				
Glacial Deposits				
Coal Seams				
1st Cow Run				
Buell Run				
2nd Cow Run				
Salt Sand				
Maxton Sand				
Keener Sand				
Big Injun Sand				
Squaw Sand				
Mississippian Shale				
Weir Sand				
Berea Sand				
Bedford Shale				
2 nd Berea				
Ohio Shale				
Gantz				
Thirty Foot				
Gordon				
Cinnamon				
Rhinestreet				
Marcellus				
Big Lime	2794	4388		
Sylvania				
Oriskany				
Bass Island				
Salina				
Salt Section				
Newburg				
Lockport				
Little Lime				
Packer Shell	4516	4543		
Stray Clinton				
Red Clinton				
White Clinton				
Medina				
Queenston	4693			
Utica				
Point Pleasant				
Trenton	6577			
Black River	6702			
Gull River	7227			
Glenwood Shale	7266			
Knox Unconformity	7334			
Beekmantown	7334			
Rose Run	7429			
Trempealeau/Copper Ridge	7557			
"B" Zone	7724			
Krysik				
Kerbel				
Conasauga	7816			
Rome	7898			
Mt. Simon	8422			
Granite Wash				
Middle Run				
Granite				

I certify that the above information is true and correct, to the best of my knowledge:



(SIGNATURE)

Stephen G. Kilper

(NAME TYPED OR PRINTED)

3-11-14

(DATE)

Vice President

(TITLE)

American Water Management Services, LLC

(REPRESENTING)