

WELL COMPLETION RECORD (Form 8)

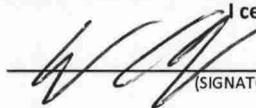
Ohio Department of Natural Resources
Division of Oil and Gas Resources Management
2045 Morse Road, Bldg. F-2, Columbus, OH 43229-6693
Telephone: (614) 265-6922; Fax: (614) 265-6910

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.

1. Owner #: 8905		3. API #: 34-155-2-4076-00-00				
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				
		5. County: TRUMBULL				
		6. Civil Township: WEATHERSFIELD				
8. Type of Well: Salt Water Injection Well		7. Footage: 562' SL & 2158' WL OF SECTION 9				
9. X: 2,474,657 Y: 561,623		21. Date drilling commenced: 9/13/2013				
10. Quad: WARREN		22. Date drilling completed: 11/2/2013				
11. Section: 9 12. Lot:		23. Date put into production:				
13. Fraction: 14. Qtr. Twp:		24. Date plugged, if dry:				
15. Tract:		25. Producing formation:				
16. Allot:		26. Deepest formation: ROCHESTER				
17. Well #: 1		27. Driller's total depth: 4403				
18. Lease Name: AWMS-1 (SWIW #21)		28. Logger's total depth: 4400				
19. PTD: 4700 20. Drilling unit: n/a		29. Lost hole at _____ feet.				
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		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. 2800	Water (gals) _____	Lbs. _____ Breakdown 1250			
Qts. _____	Type HCl	Water (bbl) _____	Sks. _____ ATP 1100			
Type _____	Percent 28	CO2 (tons) _____	ISIP 960			
		N2 (mscf) _____	5 min. SIP 540			
			Avg. Rate 3 BPM			
METHOD OF FLUID CONTAINMENT						
FLUIDS:	PIT	FRAC TANK	DATE TREATED: _____			
Swab <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Well Stimulation Additives Report (Form 8B) Attached			
Flowback <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<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:						
Type	Wellbore Diameter	Casing Size	Feet Installed	Amount of Cement (Sacks)	Feet Left in Well	Number of Centralizers
Conductor/Drive Pipe:	36	30	40	10 yards	40	0
Surface:	24	20	100	265	100	0
<input type="checkbox"/> Attach Form 8A (Surface Hole Additives Report)						
Intermediate:	17.5	13.375	644	600	644	7
Production:	12.25	8.625	4056	1000	4056	25
Tubing:		4.5	4006		4006	
Other: set 4.5" x 8.625" Baker Loc-Set packer @4006' with on/off tool and wireline entry guide						
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)						
40. Name of logging company: Baker Hughes						
DIVISION USE ONLY						
Log Submitted:	Yes/No	FRAC DATA SUBMITTED:		Well Class: _____		
Confidential:	Yes/No	Pressure/Rate Graph <input type="checkbox"/>				
		Record <input type="checkbox"/>				
		Invoice <input type="checkbox"/>				

FORMATION	TOP	BASE	Shows of oil, gas, fresh water, or brine; indicate depth or interval	REMARKS
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	2789	4388		
Sylvania				
Oriskany	3043	3047		
Bass Island	3181			
Salina	3219			
Salt Section	3392	4017		
Newburg				
Lockport	4097			
Little Lime				
Packer Shell				
Stray Clinton				
Red Clinton				
White Clinton				
Medina				
Queenston				
Utica				
Point Pleasant				
Trenton				
Black River				
Gull River				
Glenwood Shale				
Knox Unconformity				
Beekmantown				
Rose Run				
Trempealeau/Copper Ridge				
"B" Zone				
Krysik				
Kerbel				
Conasauga				
Rome				
Mt. Simon				
Granite Wash				
Middle Run				
Granite				

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



 (SIGNATURE)

3-11-14

 (DATE)

Stephen G. Kilper

 (NAME TYPED OR PRINTED)

Vice President

 (TITLE)

American Water Management Services, LLC

 (REPRESENTING)