

THE CORRECT API# FOR THIS WELL IS 34-059-2-4370-00-00

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 #: 9193				3. API #: 34-059-2437-00-00																																																											
2. Owner name, address and telephone numbers: American Energy - Utica, LLC P.O. Box 18756 Oklahoma City, OK 73154    Telephone No.: 405-607-5476				4. Type of Permit: Drill New Well, Horizontally																																																											
				5. County: Guernsey																																																											
				6. Civil Township: Madison																																																											
8. Type of Well: Oil & Gas				7. Footage: Surf: 423' SL & 1245' of Sec 1 (Madison) Trgt: 2491' & 677' of Sec 22 (Washington)																																																											
9. X: 2322731                      Y: 776937				21. Date drilling commenced: 11/15/14																																																											
10. Quad: Freeport				22. Date drilling completed: 12/2/14																																																											
11. Section: 1		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: Point Pleasant																																																											
17. Well #: 3H				27. Driller's total depth: TD 16027' / TVD 7260'																																																											
18. Lease Name: Red Hill Farm MDS GR				28. Logger's total depth:																																																											
19. PTD: 16000'		20. Drilling unit: 638.922		29. Lost hole at _____ feet.																																																											
30. Type of tools: <div><input type="checkbox"/> Cable                                      <input type="checkbox"/> Air Rotary <input type="checkbox"/> Fluid Rotary                              <input type="checkbox"/> Service Rig</div>				31. Type of completion: <div><input type="checkbox"/> Open Hole <input type="checkbox"/> Through Casing <input type="checkbox"/> Slotted Liner</div>		32. Elevation: Ground Level <u>1011</u> Derrick Floor _____ Kelly Bushing <u>20'</u>																																																									
33. Perforated intervals and number of shots:																																																															
34. Name of Frac Company:																																																															
35. Method of shot, acid, or fracture treatments, production tests, pressures, etc.: <div><div>SHOT:                      ACID:                      FRAC FLUIDS:                      SAND:                      PRESSURES (psi): Lbs. _____ Gals. _____ Water (gals) _____ Lbs. _____ Breakdown _____ Qts. _____ Type _____ Water (bbl) _____ Sk. _____ ATP _____ Type _____ Percent _____ CO2 (tons) _____ ISIP _____ N2 (mscf) _____ 5 min. SIP _____ Avg. Rate _____</div><div>METHOD OF FLUID CONTAINMENT FLUIDS:                      <u>PIT</u>                      <u>FRAC TANK</u> Swab                      <input type="checkbox"/>                      <input type="checkbox"/> Flowback                      <input type="checkbox"/>                      <input type="checkbox"/></div><div>DATE TREATED: _____ <input type="checkbox"/> Well Stimulation Additives Report (Form 8B) Attached <input type="checkbox"/> Stimulation Information Reported to FracFocus.</div></div>																																																															
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><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>95'</td><td>370</td><td>95'</td><td></td></tr><tr><td>Surface:</td><td>17-1/2"</td><td>13-3/8"</td><td>954'</td><td>1540</td><td>954'</td><td>7</td></tr><tr><td colspan="7"><input type="checkbox"/> Attach Form 8A (Surface Hole Additives Report)</td></tr><tr><td>Intermediate:</td><td>12-1/4"</td><td>9-5/8"</td><td>6450'</td><td>780</td><td>6450'</td><td>52</td></tr><tr><td>Production:</td><td>8-1/2"</td><td>5-1/2"</td><td>16007'</td><td>820</td><td>16007'</td><td>96</td></tr><tr><td>Tubing:</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Other:</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>								Type	Wellbore Diameter	Casing Size	Feet Installed	Amount of Cement (Sacks)	Feet Left in Well	Number of Centralizers	Conductor/Drive Pipe:	36"	30"	95'	370	95'		Surface:	17-1/2"	13-3/8"	954'	1540	954'	7	<input type="checkbox"/> Attach Form 8A (Surface Hole Additives Report)							Intermediate:	12-1/4"	9-5/8"	6450'	780	6450'	52	Production:	8-1/2"	5-1/2"	16007'	820	16007'	96	Tubing:							Other:						
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38. Name of drilling contractor: Nomac																																																															
39. Type of electrical and/or wireline logs run: (all logs must be submitted)																																																															
40. Name of logging company:																																																															
DIVISION USE ONLY <div><div>Log Submitted:    Yes/No Confidential:      Yes/No</div><div>FRAC DATA SUBMITTED: Pressure/Rate Graph <input type="checkbox"/> Record <input type="checkbox"/> Invoice <input type="checkbox"/></div><div>Well Class: _____</div></div>																																																															

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	1299			
Bedford Shale				
2 <sup>nd</sup> Berea				
Ohio Shale				
Gantz				
Thirty Foot				
Gordon				
Cinnamon				
Rhinestreet				
Marcellus				
Big Lime				
Sylvania				
Oriskany				
Bass Island				
Salina				
Salt Section				
Newburg				
Lockport				
Little Lime				
Packer Shell				
Stray Clinton				
Red Clinton				
White Clinton				
Medina				
Queenston				
Utica	7290		gas show	
Point Pleasant	7574		gas show	
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				
<div>I certify that the above information is true and correct, to the best of my knowledge:</div> <div><div><div></div><div>(SIGNATURE)</div><div>Trent L Carroll</div><div>(NAME TYPED OR PRINTED)</div></div><div><div>2/18/15</div><div>(DATE)</div><div>Sr. Regulatory Analyst</div><div>(TITLE)</div></div><div>American Energy - Utica, LLC</div><div>(REPRESENTING)</div></div>				