

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas  
Well Operator's Report of Well Work

DATE: April 13, 2012  
API #: 47-103-02600

REVISED FOR  
COMPLETION

Farm name: Nice, John E. et al Operator Well No.: Nice Unit A #2H

LOCATION: Elevation: 1,344' Quadrangle: New Martinsville

District: Magnolia County: Wetzel  
Latitude: 14.200 Feet South of 39 Deg. 42 Min. 30 Sec.  
Longitude 9.910 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: Stone Energy Corporation

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>6000 Hampton Center, Suite B</u> <u>Morgantown, WV 26505</u>	<u>20"</u>	<u>40'</u>	<u>40'</u>	<u>GTS</u>
Agent: <u>Tim McGregor</u>	<u>13.375"</u>	<u>1,164'</u>	<u>1,164'</u>	<u>1,061 - CTS</u>
Inspector: <u>Derek Haught</u>	<u>9.625"</u>	<u>2,494'</u>	<u>2,494'</u>	<u>1,078 - CTS</u>
Date Permit Issued: <u>11/17/2010 &amp; 3/8/2011</u>	<u>5.5"</u>		<u>13,208'</u>	<u>3,120</u>
Date Well Work Commenced: <u>12/17/2010</u>	<u>2.375"</u>		<u>7,059'</u>	
Date Well Work Completed: <u>11/11/2011</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>6,548</u>				
Total Measured Depth (ft): <u>13,232</u>				
Fresh Water Depth (ft.): <u>114</u>				
Salt Water Depth (ft.): <u>1,786</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>1,022</u>				
Void(s) encountered (N/Y) Depth(s) <u>N/A</u>				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) 7,195' to 13,095'

Gas: Initial open flow 1,100 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 3,390 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 274 Hours

Static rock Pressure 2,100 psig (surface pressure) after 63 Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_

Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests \_\_\_\_\_ Hours

Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

[Signature]  
Signature

4/24/2012  
Date

Were core samples taken? Yes \_\_\_\_\_ No

Were cuttings caught during drilling? Yes  No \_\_\_\_\_

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list MWD Gamma Ray, Mud Log, and CBL

**NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.**

Perforated Intervals, Fracturing, or Stimulating:

Perforated 18 intervals from 13095' to 7195'. Performed 18 individual stages of slick water stimulation using 6,685,812 gals (79.8946%) fresh water, 37313 gals (0.5581%) 15% HCl, 260884 gals (3.9021%) 10 lb Guar Gel, 1030982 gals (15.4204%) 20 lb Guar Gel, 86 gals (0.0013%) Corrosion Inhibitor, 1463 gals (0.0219%) Bio-Cide, 4662 gals (0.0697%) Friction Reducer, 503 gals (0.0075%) Scale Inhibitor, 4345 gals (0.0650%) Surfactant, 1173 lbs (0.0020%) Gel, 19385 lbs (0.0348%) Polymer Gel, Polymer Gel, 260 lbs (0.0005%) Iron Stabilizer, 1470 gal (0.0220%) Clay Stabilizer, 762440 lbs 80/100 Sand, 5388460 lbs 40/70 Sand. AvBDP = 5769 psi, AvTP = 6658 psi, AvMTP = 9198 psi, AvSIP = 4591, AvRate = 83.96 bpm.

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered: Surface:	Top Depth	/	Bottom Depth
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See attached sheet for formations encountered and their depths.

Nice et al Unit A #2H  
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	Horizontal			Bottom (ft	
	Top (ft TVD)	Top (ft MD)		TVD)	MD)
Sandstone & Shale	Surface		*	1022	
Pittsburgh Coal	1022		*	1027	
Sandstone & Shale	1027		*	1992	
Little Lime	1992		*	2034	
Sandstone & Shale	2034		*	2097	
Big Lime	2097		*	2291	
Big Injun	2291		*	2334	
Sandstone & Shale	2334		*	2701	
Berea sandstone	2701		*	2714	
Shale	2714		*	2947	
Gordon	2947		*	2995	
Undiff Devonian Shale	2995		*	5942	5950
Rhinestreet	5942	5950	~	6303	6390
Cashaqua	6303	6390	~	6395	6570
Middlesex	6395	6570	~	6413	6608
West River	6413	6608	~	6474	6750
Geneseo	6474	6750	~	6497	6810
Tully limestone	6497	6810	~	6527	6894
Hamilton	6527	6894	~	6549	6970
Marcellus	6549	6970	~	6548	13232
TD	6548	13232			

\* From Pilot Hole Log

~ From MWD Gamma Log