

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

DATE: April 11, 2012
API #: 47-103-02599

**REVISED FOR
COMPLETION**

Farm name: Nice, John E. et al Operator Well No.: Nice Unit A #1H

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

District: Magnolia County: Wetzel
Latitude: 14,200 Feet South of 39 Deg. 42 Min. 30 Sec.
Longitude 9,890 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.
6000 Hampton Center, Suite B Morgantown, WV 26505	20"	49'	49'	GTS
Agent: Tim McGregor	13.375"	1,135'	1,135'	1,144 - CTS
Inspector: Derek Haught	9.625"	2,414'	2,414'	1,019 - CTS
Date Permit Issued: 9/21/2010 & 11/17/2010	5.5"		13,069'	3,090
Date Well Work Commenced: 11/8/2010	2.375"		6,917'	
Date Well Work Completed: 11/11/2011				
Verbal Plugging:	Well TD at 6,624' TVD Logged and Plugged Back			
Date Permission granted on:	Kicked Well Off - See Details on Page 2			
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6,539				
Total Measured Depth (ft): 13,069				
Fresh Water Depth (ft.): 83				
Salt Water Depth (ft.): 1,791				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 1,022				
Void(s) encountered (N/Y) Depth(s) N/A				

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

Producing formation Marcellus Pay zone depth (ft) 7,039' to 12,954'

Gas: Initial open flow 1,200 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 3,290 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 64 Hours

Static rock Pressure 2,950 psig (surface pressure) after 101 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.

W. J. [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 Triple Combo, 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 19 intervals from 12640' to 7039'. Performed 19 individual stages of slick water stimulation using 7222068 gals (81.1615%) fresh water, 52539 gals (0.7275%) 15% HCl, 145853 gals (2.0195%) 10 lb Guar Gel, 1145588 gals (15.8623%) 20 lb Guar Gel, 107 gals (0.0015%) Corrosion Inhibitor, 1566 gals (0.0217%) Bio-Cide, 5023 gals (0.0696%) Friction Reducer, 540 gals (0.0075%) Scale Inhibitor, 8 gals (0.0001%) Anti-Foam, 4955 gals (0.0686%) Surfactant, 1206 lbs (0.0020%) Gel, 21420 (0.0356%) Polymer Gel, 347 lbs (0.0006%) Iron Stabilizer, 1564 gal (0.0217%) Clay Stabilizer, 251 lbs (0.0004%) Soda Ash, 818560 lbs 80/100 Sand, and 5368692 lbs 40/70 Sand. AvBDP = 5864 psi, AvTP = 6946 psi, AvMTP = 9272 psi, AvSIP = 4561, AvRate = 80.79 bpm
Plug Back Details Including Plug Type and Depth(s): Well was plugged back for kick off with 3% Gel from 6624' to 6606', Class H cement plug (16 ppg) from 6606' to 5030'.

Formations Encountered:	Top Depth	/	Bottom Depth
Surface:			

See attached sheet for formations encountered and their depths.

Nice et al Unit A #1H
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 Stone Energy Corporation
 Pilot Hole

	Top (ft TVD)	Bottom (ft TVD)
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	5940
Rhinestreet	5940	6288
Cashaqua	6288	6402
Middlesex	6402	6418
West River	6418	6486
Geneseo	6486	6506
Tully limestone	6505	6538
Hamilton	6538	6564
Marcellus	6564	6622
Onondaga	6622	6626
Driller depth	6624	
Logger depth	6626	

Depths Taken From Electric Log For Pilot Hole

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	Horizontal		(ft)	Bottom (ft)	
	Top (ft TVD)	Top (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		*	5945	5946
Rhinestreet	5945	5946	~	6274	6290
Cashaqua	6274	6290	~	6406	6450
Middlesex	6406	6450	~	6419	6470
West River	6419	6470	~	6486	6590
Geneseo	6486	6590	~	6507	6642
Tully limestone	6507	6642	~	6534	6744
Hamilton	6534	6744	~	6562	6830
Marcellus	6562	6830	~	6539	13069
TD	6539	13069			

* From Pilot Hole Log

~ From MWD Gamma Log