

WR-35  
Rev (9-11)

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

DATE: March 19, 2012  
API #: 47-103-02651

**REVISED FOR  
COMPLETION**

Farm name: Nice, John E., etal Operator Well No.: Talkington-Nice #4H

LOCATION: Elevation: 1,300' Quadrangle: New Martinsville

District: Magnolia County: Wetzel  
Latitude: 12,800 Feet South of 39 Deg. 42 Min. 30 Sec.  
Longitude 1,120 Feet West of 80 Deg. 50 Min. 00 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"	45'	45'	Grouted to Surface
Agent: Tim McGregor	13-3/8"	1,167'	1,167'	1,107 - CTS
Inspector: Derek Haught	9-5/8"	2,536'	2,536'	1,080 - CTS
Date Permit Issued: 04/19/2011	5-1/2"		10,584'	2,378
Date Well Work Commenced: 05/15/2011	2-3/8"		6,876'	
Date Well Work Completed: 10/22/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6,482				
Total Measured Depth (ft): 10,590				
Fresh Water Depth (ft.): 60				
Salt Water Depth (ft.): 1,705				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 1,022				
Void(s) encountered (N/Y) Depth(s) None				

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

Producing formation MARCELLUS Pay zone depth (ft) 6,915' MD to 10,516' MD

Gas: Initial open flow 560 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 3,040 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 111 Hours

Static rock Pressure 2,480 psig (surface pressure) after 114 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

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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

3/19/2012  
Date

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

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

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list MWD Gamma, 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 11 individual intervals from 10,516' MD to 6,915' MD. Performed 11 individual stages of slick water stimulations. Total volumes pumped were 493,840 lbs. 80/100 Mesh sand, 3,808,260 lbs. 40/70 Mesh sand, 4,071,736 gals. Fresh Water (99.1282%), 56 gals. Corrosion Inhibitor (0.0014%), 165 lbs. Iron Stabilizer (0.0005%), 904 gals. Bio-Cide (0.0222%), 2,832 gals. Friction Reducer (0.0696%), 308 gals. Scale Inhibitor (0.0076%), 2819 gals Surfactant (0.0692%), 715 lbs. Breaker (0.0021%), 13,262 lbs. Polymer Gel (0.0391%), 908 gals. Clay Stabilizer (0.0223%), 15 gals. Antifoam (0.0004%), 23,981 gals 15% HCl (0.5890%), and 1,976 gals. 28% HCl (0.0485%).

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

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
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See attached sheet for the formations encountered and their depths.

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 Stone Energy Corporation  
 Horizontal

	Top (ft TVD)	Top (ft MD)		Bottom (ft TVD)	Bottom (ft 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		*	5881	5916
Rhinestreet	5881	5916	~	6207	6309
Cashaqua	6207	6309	~	6308	6460
Middlesex	6308	6460	~	6328	6494
West River	6328	6494	~	6400	6628
Geneseo	6400	6628	~	6422	6674
Tully limestone	6422	6674	~	6446	6730
Hamilton	6446	6730	~	6465	6780
Marcellus	6465	6780	~	6482	10590
TD	6482	10590			

\* From Pilot Hole Log

~ From MWD Gamma Log

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