

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: 9-12-12
API #: 47-93-00105 **D**

Farm name: Nine, Junior Operator Well No.: Nine #1

LOCATION: Elevation: 2223' Quadrangle: Saint George

District: Saint George County: Tucker
Latitude: 14190 Feet South of 39 Deg. 15 Min. 00 Sec.
Longitude 9000 Feet West of 79 Deg. 37 Min. 30 Sec.

Company: Saga Petroleum, LLC of Colorado

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
600 17th Street, Suite 1700N Denver, Colorado 80202	13.375"	40'	40'	Sanded
Agent: Paul Smith	9.625" J-55	170'	170'	122 SX
Inspector: Bryan Harris	7" J-55	1022'	1022'	150SX
Date Permit Issued: 5-14-2010	4.5 p-110		5554'	TOC 3220'
Date Well Work Commenced: 6-02-2010				
Date Well Work Completed: 7-30-2010				
Verbal Plugging:				
Date Permission granted on: 5-25-2010				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 5554				
Total Measured Depth (ft): 5554				
Fresh Water Depth (ft.): None				
Salt Water Depth (ft.): None				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): None				
Void(s) encountered (N/Y) Depth(s) N				

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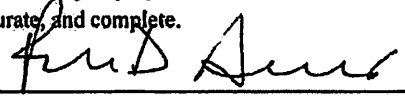
WV Department of
Environmental Protection

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

Producing formation Lower Marcellus Shale Pay zone depth (ft) 5517-5528
Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 986 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 72 Hours
Static rock Pressure 1850 psig (surface pressure) after 72 Hours

Second producing formation Upper Marcellus Shale Pay zone depth (ft) 5408-5448
Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 144 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 72 Hours
Static rock Pressure 1600 psig (surface pressure) after 72 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

9-12-2012
Date

03/22/2013

93-001050

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 Electrical

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:

5517-5526 w/37 holes, 5530-5534 w/9 holes, Broke down with 1000 gals. 15% HCL, slick water fraced with 16,762 Bbls., 2,216 sx 80/100 mesh sand, 3,515 sx 40/70 mesh sand, avg rate 64 BPM.

5406-5448 w/70 holes, Broke down with 1000 gals. 15% HCL acid, slick water fraced with 17,415 Bbls., 2,050 sx 80/100 mesh sand, 2,080 sx 40/70 mesh sand, 1,130 sx 30/50 mesh sand, avg rate 65 BPM.

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

Formations Encountered: _____ **Top Depth** _____ / _____ **Bottom Depth**
Surface: _____

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Formations Encountered:	Top Depth	Bottom Depth
Siltstone	0-450	
Benson Sandstone	450-467	
Siltstone/Shale	467-1102	
Alexander Sands	1102-1292	
Greenland Gap formation	1292-1750	
Sherr formation	1750-2100	
Braillier formation	2100-3619	
Elk Sand	3619-3750	
Grey Shale	3750-4568	reverse fault @ 4200'
Harrell Shale	4568-4608	
Tulley Limestone	4608-4642	
Mahantango formation	4642-5187	
Grey Shale	5187-5432	
Purcell Limestone	5432-5512	
Marcellus Shale	5512-5534	Onondaga Limestone 5534-5554 TD

03/22/2013