

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: 3/28/2013
API #: 47-5101391

RECEIVED
Office of Oil and Gas

Farm name: Starovic Unit Operator Well No.: 2H

LOCATION: Elevation: 1170.07" Quadrangle: Cameron

APR 08 2013

District: Cameron County: Marshall
Latitude: 39 Feet South of 49 Deg. 58 Min. 64.41 Sec.
Longitude 80 Feet West of 35 Deg. 02 Min. 35.12 Sec.

REC'D
ENVIRONMENTAL PROTECTION

Company: Chief Oil & Gas LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
6051 Wallace Road Ext. Ste 300 Wexford PA 15090	24"		80'	
Agent: Sam Fragale	20"		395'	393.45
Inspector: Derrick Haught	13.375"		1182'	1161
Date Permit Issued: 9/29/2010	9.625"		2368'	945
Date Well Work Commenced: 10/29/2010	5.5"		10415'	994
Date Well Work Completed: 12/7/2010				
Verbal Plugging: N/A				
Date Permission granted on: N/A				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 6836.6'				
Total Measured Depth (ft): 10427'				
Fresh Water Depth (ft.): 350'				
Salt Water Depth (ft.): 2122'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 457', 786', 841', 858'				
Void(s) encountered (N/Y) Depth(s) N				

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

Producing formation Marcellus Pay zone depth (ft) 7429'
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

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.

Sam Fragale
Signature

3/28/13
Date

04/12/2013

Were core samples taken? Yes _____ No **X**

Were cuttings caught during drilling? Yes _____ No **X**

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list n/a

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.

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Perforated Intervals, Fracturing, or Stimulating:

7702' - 8056', 8121' - 8475', 8540' - 8894', 9413' - 9847', 9965' - 10021'

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

Formations Encountered: Top Depth / Bottom Depth
Surface:

<u>Formations Encountered:</u>	<u>Top Depth</u>	/	<u>Bottom Depth</u>
Dirt & Rock	0'	/	80'
Sand & Shale	80'	/	310'
Shale	310'	/	670'
Sand & Shale	670'	/	1210'
Shale	1210'	/	1337'
Sand & Shale	1337'	/	2430'
Shale	2430'	/	2650'
Sand & Shale	2650'	/	2890'
Sandstone	2890'	/	3400'
Shale	3400'	/	4718'
Sand & Shale	4718'	/	5365'
Silt/ Shale	5365'	/	6130'
Sand & Shale	6130'	/	6512'
Marcellus	6512'	/	10427'