

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

DATE: 11-28-2012  
API #: 47-069-00136

Farm name: Chad Glauser OHI 5H Operator Well No.: 835090

LOCATION: Elevation: 1240' Quadrangle: Valley Grove

District: Triadelphia County: Ohio  
Latitude: 3950' Feet South of 40 Deg. 02 Min. 30 Sec.  
Longitude 4310' Feet West of 80 Deg. 35 Min. 00 Sec.

Company: Chesapeake Appalachia, L.L.C.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 18496 Oklahoma City, OK 73154-0496	20"	100'	100'	409 Cu. Ft.
Agent: Eric Gillespie	13 3/8"	745'	745'	1080 Cu. Ft.
Inspector: Bill Hendershot	9 5/8"	2200'	2200'	1030 Cu. Ft.
Date Permit Issued: 7-17-2012	5 1/2"	11757'	11757'	2784 Cu. Ft.
Date Well Work Commenced: 7-21-2012				
Date Well Work Completed: 8-23-2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6429'				
Total Measured Depth (ft): 11757'				
Fresh Water Depth (ft.): 576'				
Salt Water Depth (ft.): 1135'				
Is coal being mined in area (N/Y)? Y				
Coal Depths (ft.): 678'				
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) 6,800-11,612'

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

Final open flow Not Tested 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

Office of Oil & Gas

DEC 06 2012

Well Production Report

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.

Matthew Williams  
Signature

12-5-2012  
Date

01/11/2013



**PERFORATION RECORD ATTACHMENT**

Well Number and Name: 835090 Chad Glauser OHI 5H

PERFORATION RECORD			STIMULATION RECORD							
Date	Interval Perforated		Date	Interval Treated	Fluid		Propping Agent		Average Injection	
	From	To			Type	Amount	Type	Amount		
8/11/2012	11,283	11,612	8/18/2012	11,283	11,612	Sik wtr	7,770	Sand	401,220	78
8/18/2012	10,875	11,205	8/18/2012	10,875	11,205	Sik wtr	7,524	Sand	401,280	79.7
8/18/2012	10,468	10,797	8/19/2012	10,468	10,797	Sik wtr	7,389	Sand	400,620	79
8/19/2012	10,060	10,390	8/19/2012	10,060	10,390	Sik wtr	7,626	Sand	399,220	79.1
8/19/2012	9,653	9,982	8/19/2012	9,653	9,982	Sik wtr	7,607	Sand	399,260	79.7
8/19/2012	9,245	9,575	8/19/2012	9,245	9,575	Sik wtr	7,226	Sand	402,220	79.8
8/20/2012	8,838	9,167	8/20/2012	8,838	9,167	Sik wtr	7,495	Sand	395,820	80.1
8/20/2012	8,430	8,760	8/20/2012	8,430	8,760	Sik wtr	7,193	Sand	397,080	79.9
8/20/2012	8,025	8,355	8/20/2012	8,025	8,355	Sik wtr	7,318	Sand	397,840	79.7
8/21/2012	7,615	7,945	8/22/2012	7,615	7,945	Sik wtr	7,232	Sand	399,100	79.9
8/22/2012	7,208	7,537	8/22/2012	7,208	7,537	Sik wtr	7,283	Sand	397,400	80
8/22/2012	6,800	7,130	8/23/2012	6,800	7,130	Sik wtr	7,187	Sand	398,460	79

**LATERAL WELLBORE****Maximum TVD of wellbore:** 6429 ft TVD @ 6766 ft MD

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
SS	0	0	678	678
PITTSBURGH COAL	678	678	686	686
SS/SLTSTN	686	686	830	830
SHALE	830	830	1130	1130
SS/SHALE	1130	1130	1314	1314
SHALE	1314	1314	1340	1340
SS/SHALE	1340	1340	1648	1648
SHALE	1648	1648	1696	1696
SS	1696	1696	1890	1890
BIG INJUN	1890	1890	2030	2030
SHALE	2030	2030	2300	2300
SLTSTN	2300	2300	2480	2480
SHALE	2480	2480	4010	4010
SLTSTN	4010	4010	4040	4040
SHALE	4040	4040	4220	4220
SLTSTN	4220	4220	4400	4400
SHALE	4400	4400	4490	4490
SLTSTN	4490	4490	5360	5360
SHALE	5360	5360	6322	6247
GENESEO	6322	6247	6345	6263
TULLY	6345	6263	6380	6288
HAMILTON	6380	6288	6595	6396
MARCELLUS	6595	6396	11757	6363
TD	11757	6363		0