

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 #: 47-069-00107

Farm name: Chad Glauser OHI 8H Operator Well No.: 834321

LOCATION: Elevation: 1250 Quadrangle: Valley Grove

District: Triadelphia County: Ohio
Latitude: 3940' Feet South of 40 Deg. 02 Min. 30 Sec.
Longitude 4290' 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'	348 Cu. Ft.
Agent: Eric Gillespie	13 3/8"	744'	744'	797 Cu. Ft.
Inspector: Bill Hendershot	9 5/8"	2203'	2203'	954 Cu. Ft.
Date Permit Issued: 2-6-2012	5 1/2"	13095'	13095'	3112 Cu. Ft.
Date Well Work Commenced: 6-28-2012				
Date Well Work Completed: 8-30-2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6493'				
Total Measured Depth (ft): 13103'				
Fresh Water Depth (ft.): 30',300'				
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) 6,950'-12,965'

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
LED 11-28-2012

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.

Marlene Williams
Signature

12-5-2012
Date

01/11/2013

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 _____
Triple Combo in Surface and Intermediate sections. MWD GR in curve and lateral sections.

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:

(See attached)

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

Formations Encountered:

Top Depth /

Bottom Depth

Surface: _____

(See attached)

PERFORATION RECORD ATTACHMENT

Well Number and Name: 834321 Chad Glauser OHI 8H

PERFORATION RECORD			STIMULATION RECORD							
Date	Interval Perforated		Date	Interval Treated		Fluid		Propping Agent		Average Injection
	From	To		Type	Amount	Type	Amount			
8/13/2012	12,539	12,965	8/23/2012	12,539	12,965	Sik wtr	10,294	Sand	604,480	79.9
8/23/2012	12,032	12,456	8/23/2012	12,032	12,456	Sik wtr	10,376	Sand	602,860	79.4
8/23/2012	11,524	11,948	8/24/2012	11,524	11,948	Sik wtr	10,309	Sand	605,420	78.5
8/24/2012	11,015	11,440	8/24/2012	11,015	11,440	Sik wtr	10,348	Sand	602,620	78.8
8/25/2012	10,507	10,932	8/25/2012	10,507	10,932	Sik wtr	10,308	Sand	597,500	79.6
8/25/2012	9,999	10,424	8/25/2012	9,999	10,424	Sik wtr	10,320	Sand	598,140	79.7
8/28/2012	9,491	9,916	8/28/2012	9,491	9,916	Sik wtr	10,347	Sand	597,280	79.7
8/29/2012	8,983	9,408	8/29/2012	8,983	9,408	Sik wtr	10,420	Sand	598,600	80.4
8/29/2012	8,475	8,900	8/29/2012	8,475	8,900	Sik wtr	10,303	Sand	603,960	79.7
8/30/2012	7,966	8,392	8/30/2012	7,966	8,392	Sik wtr	10,140	Sand	600,620	79.9
8/30/2012	7,458	7,883	8/30/2012	7,458	7,883	Sik wtr	10,337	Sand	597,820	79.7
8/31/2012	6,950	7,375	8/30/2012	6,950	7,375	Sik wtr	10,229	Sand	598,680	80

LATERAL WELLBORE**Maximum TVD of wellbore: 6493 ft TVD @ 13103 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	687	687
SS/SLTSTN	687	687	800	800
SHALE	800	800	1080	1080
SS/SHALE	1080	1080	1320	1320
SHALE	1320	1320	1440	1440
SS	1440	1440	1590	1590
SHALE	1590	1590	1694	1694
BIG LIME	1694	1694	1720	1720
BIG INJUN	1720	1720	1964	1964
SHALE	1964	1964	2280	2280
SS/SHALE	2280	2280	2340	2340
SHALE	2340	2340	3206	3206
SS/SHALE	3206	3206	3270	3270
SHALE/SS	3270	3270	3330	3330
SHALE	3330	3330	6378	6243
GENESEO	6378	6243	6406	6260
TULLY	6406	6260	6467	6294
HAMILTON	6467	6294	6777	6408
MARCELLUS	6777	6408	13103	6493
TD	13103	6493		0