

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

DATE: 3-11-2013  
API #: 47-069-00123

Farm name: Glenn Didriksen OHI 1H Operator Well No.: 834868

LOCATION: Elevation: 1,265' Quadrangle: Valley Grove WV.

District: Liberty County: Ohio  
Latitude: 3,300' Feet South of 40 Deg. 07 Min. 30 Sec.  
Longitude 3,970' 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'	Driven
Agent: Eric Gillespie	13 3/8"	695'	695'	109 Cu. Ft.
Inspector: Bill Hendershot	9 5/8"	2,158'	2,158'	971 Cu. Ft.
Date Permit Issued: 6-4-2012	5 1/2"	10,375'	10,375'	1,111 Cu. Ft.
Date Well Work Commenced: 10-19-2012				
Date Well Work Completed: 1-26-2013				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6,383'				
Total Measured Depth (ft): 10,375'				
Fresh Water Depth (ft.): 186' water well approx. 1200' east				
Salt Water Depth (ft.): 1100'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 653'				
Void(s) encountered (N/Y) Depth(s) Y 630-670'				

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

Producing formation Marcellus Pay zone depth (ft) 6,796-10,232

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

Final open flow 3,367\* MCF/d Final open flow 322 Bbl/d

Time of open flow between initial and final tests \_\_\_\_\_ Hours

Static rock Pressure 4,113\* psig (surface pressure) after 96 Hours \*Calculated

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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Office of Oil and Gas  
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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.

Marlene Williams  
Signature

3-18-2013  
Date

05/17/2013



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PERFORATION RECORD ATTACHMENT

Well Number and Name: 834868 GlennDidriksen OHI 1H

PERFORATION RECORD			STIMULATION RECORD							
Date	Interval Perforated		Date	Interval Treated	Type	Fluid		Propping Agent		Average Injection
	From	To				Amount	Type	Amount	Type	
1/20/2013	9,809	10,232	1/21/2013	9,809	10,232	Sik wtr	11,799	Sand	696,782	79.8
1/21/2013	9,521	9,755	1/21/2013	9,521	9,755	Sik wtr	11,202	Sand	698,880	79.8
1/21/2013	9,288	9,482	1/21/2013	9,288	9,482	Sik wtr	12,788	Sand	702,140	80
1/22/2013	8,976	9,210	1/22/2013	8,976	9,210	Sik wtr	11,794	Sand	700,240	79.7
1/22/2013	8,704	8,937	1/23/2013	8,704	8,937	Sik wtr	11,723	Sand	702,604	79.5
1/23/2013	8,435	8,665	1/23/2013	8,435	8,665	Sik wtr	12,973	Sand	700,120	79.5
1/23/2013	8,159	8,396	1/24/2013	8,159	8,396	Sik wtr	11,856	Sand	697,500	80.1
1/24/2013	7,886	8,120	1/24/2013	7,886	8,120	Sik wtr	11,885	Sand	697,500	79.8
1/25/2013	7,618	7,847	1/25/2013	7,618	7,847	Sik wtr	12,251	Sand	700,440	79
1/25/2013	7,341	7,579	1/26/2013	7,341	7,579	Sik wtr	11,921	Sand	686,216	79.9
1/26/2013	7,068	7,302	1/26/2013	7,068	7,302	Sik wtr	11,662	Sand	702,620	80.1
1/26/2013	6,796	7,029	1/26/2013	6,796	7,029	Sik wtr	11,668	Sand	699,000	77.6

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**LATERAL SIDETRACK WELLBORE****(no vertical pilot hole associated with this well)****Maximum TVD of wellbore: 6,383 ft TVD @ 7,218 ft MD**

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
LS/SS/SILT	0	0	630	630
NO RETURNS (DUE TO COAL VOID)	630	630	653	653
PITTSBURGH COAL (VOID)	653	653	670	670
NO RETURNS (DUE TO COAL VOID)	670	670	702	702
LS/SS/SILT	702	702	1060	1060
SH	1060	1060	1110	1110
SS	1110	1110	1236	1236
SS/SH	1236	1236	1540	1540
LS/SS	1540	1540	1590	1590
SS	1590	1590	1646	1646
SH/SS/LS	1646	1646	1684	1684
LS/SH	1684	1684	1752	1752
BIG INJUN	1752	1752	2031	2031
SHALE	2031	2031	2279	2279
SS/SH	2279	2279	2430	2430
SH	2430	2430	2970	2970
SS/SH	2970	2970	3030	3030
SH	3030	3030	3270	3270
SS/SH	3270	3270	3330	3330
SH	3330	3330	6260	6111
MIDDLESEX	6260	6111	6435	6181
GENESE0 (SH)	6435	6181	6478	6207
TULLY (LS)	6478	6207	6576	6249
HAMILTON	6576	6249	6884	6341
MARCELLUS (SH)	6884	6341		
TD OF LATERAL			10375	6314

05/17/2013