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

Farm name: Chad Glauser OHI 5F	Operator We	Operator Well No.: 835090							
LOCATION: Elevation: 1240	Quadrangle:	Quadrangle: Valley Grove							
District: Triadelphia	County: Ohio	County: Ohio							
Latitude: 3950'									
Longitude 4310'	Feet West of 80D	eg. <u>35</u> Mi	n. 00 Se	ec.					
Company: Chesapea	ke Appalachia, L.L.C.								
Address: P.O. Box	18496	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.				
Oklahoma City, OK 73	154-0496	20"	100'	100'	409 Cu. Ft.				
Agent: Eric Gillespi	e	13 3/8"	745'	745'	1080 Cu. Ft.				
Inspector: Bill Her	dershot	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 Com	menced: 7-21-2012								
Date Well Work Com	0.00.0040								
Verbal Plugging:									
Date Permission grant	ed on:								
Rotary 🗸 Cable	Rig								
Total Vertical Depth	(ft): 6429'								
Total Measured Dept	h (ft): 11757'								
Fresh Water Depth (1									
Salt Water Depth (ft.									
Is coal being mined in	area (N/Y)? Y								
Coal Depths (ft.): 678									
Void(s) encountered (1	N/Y) Depth(s) N								
OPEN FLOW DATA (If mo				lata on separate s	heet)				
	MCF/d Oil: Initial ope								
	sted MCF/d Final open to ween initial and final tests								
-	psig (surface pressure								
· · · · · · · · · · · · · · · · · · ·									
	ion Pay MCF/d Oil: Initial ope								
	MCF/d On. initial open f			200					
	ween initial and final tests_			Weight.	*				
Static rock Pressure	psig (surface pressure) after Hou	ırs						

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.

Maline Lillians
Signature

12.5-3012 Date

Were core samples taken? YesNo_X	Were cuttings caught during drilling? Yes X NoNo
Were Electrical, Mechanical or Geophysical logs recorded MWD GR in the curve and lateral sections	on this well? If yes, please list
FRACTURING OR STIMULATING, PHYSICAL CH	LLOWING: 1). DETAILS OF PERFORATED INTERVALS, ANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING M SURFACE TO TOTAL DEPTH.
Perforated Intervals, Fracturing, or Stimulating:	
(See Attached)	
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Plug Back Details Including Plug Type and Depth(s):	
Formations Encountered: To Surface:	Depth / Bottom Depth
(See attached)	
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PERFORATION RECORD ATTACHMENT

Well Number and Name: 835090 Chad Glauser OHI 5H

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