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:	1-27-2012
API#:	47-009-00084

Farm name: Barry Greathouse A	Operator We	ll No.: 5H	RECEIVED		
LOCATION: Elevation: 1150'	_ Quadrangle:	Tiltonsville WV		MAR 19 2012	
District: Buffalo	County: Broo	ke	v	WV GEOLOGICAL SURVEY	
Latitude: ²⁹⁷⁰ Feet South of ⁴⁰ Deg.	12 Mir	ı. <u>30</u> Se		MORGANTOWN, WV	
Longitude 6140' Feet West of 80 Deg	. 37 Mir	n. <u>30</u> Se	c.		
Company: Chesapeake 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 73154-0496	20"	90'	90'	Driven	
Agent: Eric Gillespie	13 3/8"	368'	368'	434 cf	
Inspector: Bill Hendershot	9 5/8"	1716'	1716'	783 cf	
Date Permit Issued: 1/11/2011	5 1/2"	12733'	12733'	3370 cf	
Date Well Work Commenced: 5/26/2011					
Date Well Work Completed: 9/23/2011					
Verbal Plugging:					
Date Permission granted on:					
Rotary Cable Rig					
Total Vertical Depth (ft): 5,747'					
Total Measured Depth (ft): 12,733'					
Fresh Water Depth (ft.): 120'					
Salt Water Depth (ft.): 1136'					
Is coal being mined in area (N/Y)? N					
Coal Depths (ft.): 270'					
Void(s) encountered (N/Y) Depth(s) N					
OPEN FLOW DATA (If more than two producing formation Producing formation Marcellus Pay 2 Gas: Initial open flow 1,267 MCF/d Oil: Initial open flow Time of open flow between initial and final tests Static rock Pressure 3,736 psig (surface pressure) af Second producing formation Pay 201	zone depth (ft) 6 low 100 Bl Bb Hours ter Hour	,515-12,597' ol/d l/d	ata on separate sl	neet)	
Gas: Initial open flow MCF/d Oil: Initial open fl	owBt	ol/d			
Final open flow MCF/d Final open flow		l/d			
Time of open flow between initial and final tests		'C			
psig (surface pressurepsig (surface pressure) and	reinour	3		•	
I certify under penalty of law that I have personally examined a	ınd am familiar	with the inform	nation 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

Mallone (Velliamo)
Signature

that the information is true, accurate, and complete.

vere core samples taken? YesNo_N Were cuttings caught during drilling? Yes_Y No_					
Were Electrical, Mechanical or Geophysical logs recorded of LWD GR from 5001-12677' MD	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 SYSTEMATIODS AND BOTTOMS OF ALL FORMATIONS, INCLUDING M SURFACE TO TOTAL DEPTH.				
Perforated Intervals, Fracturing, or Stimulating:	RECEIVED				
(See Attached)	MAR 19 2012				
	WV GEOLOGICAL SURVE MORGANTOWN, WV				
Plug Back Details Including Plug Type and Depth(s): Cen	nent @ 12,647'				
Formations Encountered: Top Surface:	o Depth / Bottom Depth				
(See Attached)					
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Formation/Lithology	Top Depth (ft)	Bottom Depth (ft)
LS/SHALE	0	270
Pittsburg Coal	270	280
SHALE	280	450
SS/SHALE	450	1260
Big Lime	1260	1395
Big Injun	1395	1550
SHALE/SS	1550	4850
SHALE	4850	6012
Geneseo	6012	6034
Tully	6034	6055
Hamilton	6055	6284
Marcellus	6284	12733

RECEIVED

MAR 19 2012

WV GEOLOGICAL SURVEY MORGANTOWN, WV

PERFORATION RECORD ATTACHMENT

Well Name and Number: Barry Greathouse A 5H (832968)

MAR 19 2012

well name	and Numi	er: Barry	Greathouse	A 5H (832	968)			WV GEO:	0000-		
DEDEC	RATION R	ECOPD				OTIBELL AT	ION DECOR	- MORG	LOGICAL SU	RVEY	
TENTO		Perforated		STIMU				ATION RECORD TO THE TOWN, WV			
Date	From	To	Date	Interval	Treated	Type	Amount		ng Agent Amount	Average	
9/11/2011	12,215		9/11/2011	12,215	12,597	Slk Wtr	14,519	Type Sand	572,958	Injection 87.0	
9/12/2011	11,740		9/12/2011	11,740	12,122	Slk Wtr	10,143	Sand	574,144	89.0	
9/13/2011	11,265		9/13/2011	11,265	11,647	Slk Wtr	14,522	Sand	574,781	87.0	
9/14/2011	10,790		9/14/2011	10,790	11,172	Slk Wtr	9,615	Sand	573,504	88.0	
9/15/2011	10,315		9/15/2011	10,315	10,697	Sik Wtr	9,756	Sand	570,504	82.0	
9/15/2011	9,840		9/15/2011	9,840	10,222	Slk Wtr	11,446	Sand	574,385	84.0	
9/17/2011	9,365		9/17/2011	9,365	9,747	Slk Wtr	10,274	Sand	571,653	86.0	
9/17/2011	8,890		9/17/2011	8,890	9,272	Slk Wtr	9,750	Sand	574,385	87.0	
9/18/2011	8,415	8,797	9/18/2011	8,415	8,797	Slk Wtr	12,216	Sand	571,530	74.0	
9/19/2011	7,940	8,322	9/19/2011	7,940	8,322	Slk Wtr	9,707	Sand	571,840	85.0	
9/20/2011	7,463	7,847	9/20/2011	7,463	7,847	Slk Wtr	9,442	Sand	572,804	86.0	
9/21/2011	6,990	7,372	9/21/2011	6,990	7,372	Slk Wtr	12,095	Sand	318,929	86.0	
9/23/2011	6,515	6,899	9/23/2011	6,515	6,899	Sik Wtr	9,763	Sand	597,155	86.0	
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