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:	1-26-2012	
API#:	47-097-03718	

arm name: Lynette Howes	Operator Well No.: 5H (831596)					
OCATION: Elevation: 1850'	Quadrangle:	Buckhannon	R	RECEIVE MAR 2 0 2012		
District: Washington	County: Upsi	nur				
Latitude: 11.182' Feet South of 38 Deg	, 55 <u>Mir</u>	n. 00 Se	^			
Chaganaska Annalashia I I C	g. <u>10</u> Mir	n. 00 Se	c. MO	OLOGICAL SU RGANTOWN, W		
Company: Chesapeake Apparachia, E.E.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"	20'	20'	Driven		
Agent: Eric Gillespie	13 3/8"	500'	500'	478 cf		
Inspector: Bill Hatfield	9 5/8"	2460'	2460'	1129 cf		
Date Permit Issued: 4/29/2010	5 1/2"	13259'	13259'	2178 cf		
Date Well Work Commenced: 7/19/2010						
Date Well Work Completed: 1/20/2011						
Verbal Plugging:						
Date Permission granted on:						
Rotary Cable Rig						
Total Vertical Depth (ft): 7335'						
Total Measured Depth (ft): 13259'						
Fresh Water Depth (ft.): 400'						
Salt Water Depth (ft.): None						
Is coal being mined in area (N/Y)? N						
Coal Depths (ft.): None						
Void(s) encountered (N/Y) Depth(s) N						
Void(s) encountered (N/Y) Depth(s) N OPEN FLOW DATA (If more than two producing format Producing formation Marcellus Pay Gas: Initial open flow 1,959 MCF/d Oil: Initial open Final open flow MCF/d Final open flo Time of open flow between initial and final tests Static rock Pressure 3,301 psig (surface pressure) a	zone depth (ft)_ flowB wBbHours	7,996'-13,118' bl/d bl/d	ata on separate s	heet)		
Second producing formation Pay zo Gas: Initial open flow MCF/d Oil: Initial open						
Final open flowMCF/d Final open flo						
Time of open flow between initial and final tests						
Static rock Pressure psig (surface pressure) a	fter Hou	rs				

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.

Malad William
Signature

3-19-2012 Date

Were core samples taken?	Yes	_ No_N	W	ere cuttin	gs caught d	uring drilling	Yes Y	No
Were Electrical, Mechanical LWD GR from 5561-13259' MD.	or Geophy	rsical logs recor	ded on this wel	l? If yes,	please list_			
NOTE: IN THE AREA FRACTURING OR STIM DETAILED GEOLOGICA COAL ENCOUNTERED E	ULATING AL REC	G, PHYSICAL ORD OF THI	CHANGE, ET TOPS AND	ГС. 2). ТІ ВОТТО	HE WELL MS OF A	LOG WHIC	H IS A S	YSTEMATIC
Perforated Intervals, Fracturin	ng, or Stim	ulating:						
See Attached								

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Plug Back Details Including F	Plug Type	and Depth(s):	PBTD ceme	ent @ 1	3,168'			
Formations Encountered: Surface:			Top Depth		/		Bottom I	<u> Depth</u>
See Attached								
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Formation/Lithology	Top Depth (ft)	Bottom Depth (ft)
SS/LS	0	500
SS/SHALE	500	800
SHALE/SS	800	1100
SHALE/SS	100	1400
Big Lime	1400	1600
Big Injun	1600	1710
SHALE/SS	1710	2450
SILT/SHALE	2450	6050
SHALE/LS	6050	6750
SHALE	6750	7413
Geneseo	7413	7493
Tully	7493	7527
Hamilton	7527	7693
Marcellus	7693	13259

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PERFORATION RECORD ATTACHMENT

Well Name and Number: Lynette Howes 5H (831596)

PERFO	RATION R	ECORD	RD STIMULATION RECORD							
	Interval F	Perforated				Fluid		Propping Agent		Average
Date	From	То	Date	Interval	Treated	Туре	Amount	Туре	Amount	Injection
1/8/2011	12,796	13,118	1/8/2011	12,796	13,118	Slk Wtr	8,975	Sand	404,692	91.0
1/9/2011	12,396	12,718	1/9/2011	12,396	12,718	Slk Wtr	11,966	Sand	401,511	84.0
1/12/2011	12,002	12,318	1/12/2011	12,002	12,318	Slk Wtr	10,931	Sand	400,473	90.0
1/13/2011	11,596	11,918	1/13/2011	11,596	11,918	Slk Wtr	9,365	Sand	403,449	92.0
1/14/2011	11,202	11,524	1/14/2011	11,202	11,524	Slk Wtr	8,974	Sand	407,258	88.0
1/15/2011	10,796	11,118	1/15/2011	10,796	11,118	Slk Wtr	8,905	Sand	404,399	92.0
1/16/2011	10,396	10,718	1/16/2011	10,396	10,718	Slk Wtr	9,923	Sand	405,365	94.0
1/17/2011	9,996	10,318	1/17/2011	9,996	10,318	Slk Wtr	9,754	Sand	403,992	94.0
1/18/2011	9,596	9,918	1/18/2011	9,596	9,918	Slk Wtr	9,570	Sand	401,258	90.0
1/19/2011	9,196	9,518	1/19/2011	9,196	9,518	Slk Wtr	8,998	Sand	400,241	87.0
1/19/2011	8,796	9,118	1/19/2011	8,796	9,118	Slk Wtr	9,382	Sand	406,549	91.0
1/20/2011	8396	8718	1/20/2011	8,396	8,718	Slk Wtr	9,753	Sand	413,000	87.0
1/20/2011	7996	8318	1/20/2011	7,996	8,318	Slk Wtr	9,755	Sand	426,538	94.0
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