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:	June 7, 2013	
API#:	47-051-01486	

Farm name: Hall	Operator Well No.: 2H								
LOCATION: Elevation: 1320'				Quadran	ngle: Gle	en Easto	on 7.5'		
District: Franklin				County:	Marshal	11			
Latitude: 14.395	Feet South of	39	Deg.	47	Min.	30	Sec.	<del></del>	
Longitude 10,365	_Feet West of	80	Deg.	42	_Min	30	Sec.		

Company: Gastar Exploration USA, Inc.

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Address: 229 West Main Street, Suite 301	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Clarksburg, WV 26301	20"		40'	Sanded
Agent: Michael McCown	13 - 3/8"		1,058'	957 ft^3
Inspector: Bill Hendershot	9 - 5/8°		2,529'	945 ft^3
Date Permit Issued: 8/22/2011	5 -1/2"		11,422'	3,618 ft^3
Date Well Work Commenced: 10/16/2011	2 - 3/8"		6,225'	
Date Well Work Completed: 1/9/2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig V	·			
Total Vertical Depth (ft): 6,770'				
Total Measured Depth (ft): 11,440'				
Fresh Water Depth (ft.): 60'				
Salt Water Depth (ft.): 1,600'				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 9/2-932: 1073-1083				
Void(s) encountered (N/Y) Depth(s) No				

oducing formations please include additional	data on separate sheet)
Pay zone depth (ft) 6,770'	•
il: Initial open flow 31 Bbl/d	
Final open flow 51 Bbl/d	
d final tests 96 Hours	_
face pressure) after 96 Hours	Reco
Pay zone depth (ft)	Received
il: Initial open flow Bbl/d	AUG
Final open flowBbl/d	2 20
d final tests Hours	Mr. 00
face pressure) afterHours	WV Dept. of Environment Co
i c fi	l: Initial open flow 31 Bbl/d  Final open flow 51 Bbl/d  I final tests 96 Hours  ace pressure) after 96 Hours  Pay zone depth (ft)  I: Initial open flow Bbl/d  Final open flow Bbl/d  I final tests Hours

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.

11/22/2013

Were core samples taken? YesNo	X Were cuttings caught during drilling? Yes No X
Were Electrical, Mechanical or Geophysical lo	ogs recorded on this well? If yes, please list Gamma Ray Log
FRACTURING OR STIMULATING, PHY DETAILED GEOLOGICAL RECORD (	T THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, YSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATION OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING BORE FROM SURFACE TO TOTAL DEPTH.
Perforated Intervals, Fracturing, or Stimulating	<b>3</b> :
See attached sheet:	
Plug Back Details Including Plug Type and De	<sup>:pth(s):</sup> n/a
Formations Encountered: Surface:	Top Depth / Bottom Depth
Sewickley Coal 912 - 932	Geneseo 6541 - 6563
Pittsburgh Coal 1073 - 1083	Tully 6563 - 6610
Maxton 2073 - 2123	Hamilton 6610 - 6740
Big Lime 2124 - 2140	Marcellus 6740 - 6770
Big Injun 2144	
Base of Big Injun 2307	
Weir 2445 - 2625	
Berea 2645 - 2885	
Gordon 2905 - 2935	
Benson 3622 - 3632	
Java 5244 - 5564	
Rhinestreet 6097 - 6449	
Cashaqua 6449 - 6570	
Middlesex 6570 - 6591	
West River 6591 - 6651	

Fluid & Sand Volume Summary - Hall #2H

		12/28/2011	12/28/2011	12/23/2011	12/21/2011	12/19/2011	12/18/2011	12/16/2011	12/15/2011	12/14/2011	12/12/2011	12/11/2011	12/10/2011	12/8/2011	12/6/2011			Date
	Totals	14	13	12	11	10	9	<b>∞</b>	7	6	5	4	ω	2	ь			Stage
		7278	7498	7798	8098	8398	8698	8998	9298	9598	9898	10198	10498	10798	11098	₽	From	Perforated interval
		7408	7708	8008	8308	8608	8908	9208	9508	9808	10108	10408	10708	11008	11308	#	딥	d interval
Water to Recover		slk wtr	sik wtr	slk wtr	slk wtr			Fluid Type										
Recover	125890	8474	8639	8712	8742	8809	8598	8876	8665	8105	9766	9379	9947	9042	10136	bbls		Frac Fluid
<u>127900 bbls</u>	2010	56	75	89	76	85	99	127	146	158	373	190	217	319	0	bbls	Down	Pump
bbls	1241925	88871	90127	88781	88909	88268	88095	88435	88186	88053	91866	88863	87963	88414	87094	lbs		100 mesh
	3845146	222136	285192	277728	287688	289835	259966	288913	289931	209441	284404	289221	286683	286429	287579	lbs		40/70 M
	5087071	311007	375319	366509	376597	378103	348061	377348	378117	297494	376270	378084	374646	374843	374673	lbs		Total Sand
		81	81	80	81	80	81	8	8	81	<u>8</u> 1	82	79	82	82	BPM		Avg Inj