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:	March 8, 2012
API#:	47-103-02625

CATION: Elevation: 805'	Quadrangle:						
District: Grant Latitude: 39.504472 Feet South of 39 Deg.	County: Wetz						
Longitude -80.6356 Feet West of 80 Deg.							
Company: Triad Hunter, LLC							
Address: P.O. Box 430	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.			
Reno, Ohio 45773				<u> </u>			
Agent: Kimberly Arnold	20"	44'	44'				
Inspector: David Scranage	13 3/8"	793.8'	793.8'	719.8 cu. ft.			
Date Permit Issued: 01/20/2011	9 5/8"	3140.55'	3140.55'	1174.1 cu. ft.			
Date Well Work Commenced: 03/04/2011	5 1/2"	13182.26'	13182.26'	3293.28 cu. ft.			
Date Well Work Completed: 09/16/2011							
Verbal Plugging:							
Date Permission granted on:							
Rotary Cable Rig							
Total Vertical Depth (ft): 6914'							
Total Measured Depth (ft): 12517'							
Fresh Water Depth (ft.):							
Salt Water Depth (ft.):							
Is coal being mined in area (N/Y)? No							
Coal Depths (ft.): 225'-340', 380'-394', 590'-598'							
Void(s) encountered (N/Y) Depth(s) None							
		1 1155 1 1		h4)			
OPEN FLOW DATA (If more than two producing formation Producing formation Marcellus Shale Pay	ons piease inci zone depth (ft)		na on separate s	meet)			
Gas: Initial open flow <sup>3.8</sup> M MCF/d Oil: Initial open f		Bbl/d		)			
Final open flow 4.93 M MCF/d Final open flow	w 59 B	bl/d					
Time of open flow between initial and final tests 117		•	n de la companya de La companya de la co				
Static rock Pressure 2879 psig (surface pressure) a	fter 117 Hou	ırs	1117	e i de la companya d La companya de la companya de			
Second producing formation Pay zo	ne depth (ft)	(,					
Gas: Initial open flowMCF/d Oil: Initial open f		Bbl/d	the state of the state of	and the second			
Final open flow MCF/d Final open flow				in the section of th			
Time of open flow between initial and final tests  Static rock Pressurepsig (surface pressure) a							
ertify under penalty of law that I have personally examined							
the attachments and that, based on my inquiry of those indi	viduals immed	ately responsib	le for obtaining	the information I be			
t the information is true, <u>accurate</u> , and complete.							
a formation of his strange		3 3	<u> </u>				
Signature			Date				

Were core samples taken?	YesNo W	Vere cuttings caught during drilling? Yes X NoNo
Were Electrical, Mechanical		il? If yes, please list
FRACTURING OR STIM DETAILED GEOLOGIC	BELOW PUT THE FOLLOWING	G: 1). DETAILS OF PERFORATED INTERVALS, TC. 2). THE WELL LOG WHICH IS A SYSTEMATIC D BOTTOMS OF ALL FORMATIONS, INCLUDING
Perforated Intervals, Fracturi	ng, or Stimulating:	
Please refer to attached	I perforation and fracture treatme	ent report
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Plug Back Details Including	Plug Type and Depth(s):	
Formations Encountered: Surface:	Top Depth	/ Bottom Depth
0'-35' sand	520'-580' shale	2465'-2470' Berea
35'-50' shale	580'-590' sand	2470'-2650' shale
50'-65' sand	590'-598' shale	2650'-2710' Gordon
65'-185' shale	598'-601' coal	2710'-2805' shale
185'-225' sand	601'-700' shale	2805'-2815' Fourth Sd
225'-340' shale	700'-760' sand	2815'-2900' Shale
340'-343' coal	760'-960' shale	2900'-2905' Fifth Sd
343'-355' shale	960'-1600' sand and shale	2905'-6759' Devonian Shale
355'-380' sand	1600'-1655' sand	6759'-6783' Hamilton
380'-394' shale	1655'-1795' shale	6783'-6874' Tully
394'-395' coal	1795'-1810' Little Lime	6874' Marcellus
395'-415' shale	1810'-1835' Pencil Cave	
415'-430' sand	1835'-1885' Big Lime	
430'-460' shale	1885'-2085' Big Injun	
460'-520' sand	2085'-2465' shale	8 · · ·

WVDNR 1102
Perf Spacing for 16 stages

( "	Stape	Stage	Stage	Stage	Stage	Stage	Stage	Stage	Stage																
	П	15	14	ಟ	12	듸	10	9	8	7	6	5	4	3	2	1		_							
	7810	8120	8340	8740	9050	9368	9670	9985	10290	10600	10910	11220	11530	11840	12144	12460	Plug Depth						Dis		
	7772'-7769'	8082'-8079'	8392'-8389'	8702'-8699'	9012'-9009'	9322'-9319'	9632'-9626'	9942'9939'	10252'-10249'	10562'-10559'	10872'-10869'	11182'-11179'	11492'-11489'	11802'-11799'	12112'-12109'	12426'-12423'	Interval 1		90 @:	Start Depth:	Stages:	Perf length:	Dist between Perfs:	Num Clusters:	Stage Length:
	7695'-7692'	8005'-8002'	8315'-8312'	8625'-8622'	8935'-8932'	8245'-9242'	9555'-9552'	9865'-9862'	10175'-10172'	10845'-10482'	10795'-10792'	11105'-11102'	11415'-11412'	11725'-11722'	12035'-12032'	12377'-12374'	Interval2		7597'	12460	16	ω	41'-77'	4 to 5	310
	7618'-7615'	7928'-7925'	8238'-8235'	8548'-8545'	8858'-8855'	9168'-9165'	9478'-9475'	9788'-9785'	10098'-10095'	10408'-10405'	10718'-10715'	11028'-11025'	11338'-11335'	11648'-11645'	11958*-11955'	12314'-12311'	Interval 3								
	7541'-7538'	7851'-7848'	8261'-8158'	8471'-8468'	8778'-8781'	9091'-9088'	7401'-9398'	9711'-9708'	10021'-10018'	10331'-10328'	10641'-10638'	10951'-10948	11261'-11258'	11571'-11568'	11881'-11878'	12251'-12248'	Interval 4								
																12188'-12185'	Interval S								
	310	310	220	400	310	318	302	315	305	310	310	310	310	310	304	316	Stage Length	FT				F	78, 44 4 4 5		
	7231	7203	7415	7281	7110	7180	7303	7519	7760	7403	7403	7466	7552	7616	7643	7463	Avg Treating Pressure	PSI		E.			e de la	# ~**	
	6969	7608	7900	7591	7481	7469	7579	7909	8611	7785	7623	8159	8040	8113	8635	7731	Max Pressure	PSI							
	83.6	83.9	83.2	84.1	84.2	85.3	83.3	82.4	81.3	82.2	83.9	79.5	83.8	80.1	81.3	78.6	Avg Rate	BPM							
	85.3	84.7	86	87.1	86.3	86.3	84.4	83.2	84	85.2	84.7	84	85.2	84.1	83.3	84.5	Max Rate	вРМ							
***************************************	9827	9997	10057	9899	10121	9970	10069	9934	11242	9684	9960	40432	10024	10087	10162	10152	Fluid Vol	bbls							
	427000	427000	427100	42/400	42 7000	427000	427100	42/200	426500	426800	427200	427000	427000	427000	427000	431400	lotal Sand	- is							
		}		<u>L</u>	_L_		1.		_L		丄			1_											09/