

WR-35 Rev. 8/23/13 Page 1 of 4

State of West Virginia Department of Environmental Protection - Office of Oil and Gas Well Operator's Report of Well Work

API <u>47</u> -095 _ 16	27 _{County} TYL	.ER	District MCELROY	1
Quad CENTERPOINT 7.5				
Farm name STACKPOLE,			Well Number E-12	
Operator (as registered with t		(LLC		
Address 5260 DUPONT F	ROAD City	PARKERSBURG	State WV	Zip 26101
As Drilled location NAD 8 Top he Landing Point of Cu Bottom H	ole Northing 4,368,923	M	e, and deviation survey Easting 525,550 M Easting M	
Elevation (ft) 1,004'	GL Type of W	ell □New E Existing	g Type of Report	□Interim ■Final
Permit Type Deviated	□ Horizontal □ Ho	rizontal 6A 🛔 Vertic	cal Depth Type	□ Deep ■ Shallow
Type of Operation Converge	t 🗆 Deepen 🗆 Drill	🗆 Plug Back 🗆 I	Redrilling Rework	■ Stimulate
Well Type 🛛 Brine Disposal	□CBM □Gas □Oil ■	Secondary Recovery	□ Solution Mining □ Sto	orage 🗆 Other
Type of Completion		roduced 🗆 Brine 🖽	Gas □ NGL	□ Other
Drilling Media Surface hole Production hole Air Mud Type(s) and Additive(s N/A	Mud ■ Fresh Water □		iate hole ■ Air □ Mud	■ Fresh Water □ Brine
Date permit issued10/0				
Date completion activities be				
Verbal plugging (Y/N)	N Date permission gr	anted	Granted by	
Please note: Operator is requ	ired to submit a plugging a	pplication within 5 days	s of verbal permission to p	lug
Freshwater depth(s) ft	None	Open mine(s) (Y.	/N) depths	N
Salt water depth(s) ft	Mana	Void(s) encounte	red (Y/N) depths	N
Coal depth(s) ft	None	Cavern(s) encou	ntered (Y/N) depths	N
Is coal being mined in area ()	(/N) N	REGEIV Office of Oil		Reviewed by:
		APR 1 7 2	2014	

WV Department of Environmental Protection

•									
WR-35 Rev. 8/23/13									Page 2 of 4
API 47- 095	1627	Farm nam	e STACKPO	DLE, ALL	EN D E	TAL We	I number E	-12	
CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft		Basket Depth(s)		ment circulate (Y/N) vide details below*
Conductor	1							T	THE COLLEGE VOICE
Surface	12 1/4"	8 5/8"	265'	New		LS	64'		Y
Coal									
Intermediate 1									
Intermediate 2									
Intermediate 3									
Production	8"	4 1/2"	2935.7	New		J-55			N
Tubing								1	
Packer type and de	epth set								
Comment Details	•	·····							
							·		····
CEMENT DATA	Class/Type of Cement	Number of Sacks	Siuny wt (ppg)		ield ³/sks)	Volume		nent	Woc
Conductor				133	/520)		Top (,MD)	(hrs)
Surface	Reg Neat	85	15.6	1	.18	100	Surf	face	8
Coal									
Intermediate 1									
Intermediate 2									
Intermediate 3									
Production	50:50 Pozmix	170	14.2	1.27		216	1900'	(calc)	8
Tubing								<u> </u>	
Drillers TD (ft) Deepest format Plug back prod	ion penetrated Go	rdon		Loggers TI Plug back t	• • —				
Kick off depth	(ft <u>)</u> NA								
Check all wirel	ine logs run	-	density resistivity	口 deviate 图 gamma			nduction emperature	□soni	ic
Well cored	Yes 🖺 No	Conventional	I Sidewal	11	w	ere cuttings	collected	Yes i	□ No
DESCRIBE TH	E CENTRALIZE	R PLACEMENT	USED FOR	EACH CA	SING ST	TRING NA			
							· · · · · · · · · · · · · · · · · · ·		
WAS WELL C	OMPLETED AS	SHOT HOLE	□Yes ■ N	o DE	TAILS				
						······			
WAS WELL C	OMPLETED OPE	EN HOLE?	Yes 🖺 No	DETA	ILS				

WERE TRACERS USED □ Yes ■ No TYPE OF TRACER(S) USED ____

WR-35 Rev. 8/23/13

API 47- 095 - 1627 Farm name STACKPOLE, ALLEN D ET AL Well number E-12

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
1	12/11/13	2870'	2882'	48	Gordon
		_			
		:			

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
1	12/12/13	10	3471	3091	3201	9,000	420	0
						-		
								- · · · · · · · · · · · · · · · · · · ·
						· · · · · · · · · · · · · · · · · · ·		
						<u> </u>		
 		· · · · · · · · · · · · · · · · · · ·						
						ļ	<u> </u>	
<u> </u>	 				-			
								···
				-				
			<u> </u>					
					· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·

Please insert additional pages as applicable.

WR-35 Rev. 8/23/13													Page 4	_ of _4_
API 47- 095	1627		_ Farm	name_S	TACK	POLE, A	LLE	N D ET	AL_Well	number	E-12			
PRODUCING Gordon	FORMATIO	<u>ON(S)</u>	 	DEPTH 2838'		TVD	28:	38'	MD	ı				
Please insert a	dditional noc	200 00 0m	— —		· · · · · · · · · · · · · · · · · · ·			······································						
GAS TEST		•	•	C Ones	a Flour		ΟĬĬ	теет.	- Flow	D				
SHUT-IN PRE	-			-						•	E TEST		hen	
OPEN FLOW	Gas		Oil		NGL		W	ater	GAS I	MEASU	RED BY	 Y		1
LITHOLOGY/ FORMATION	TOP DEPTH IN NAME TV	FT DI	BOTTOM EPTH IN FT TVD	DEPTE	OP H IN FT ID	BOTTO DEPTH II MD			E ROCK TY FLUID (FRE					
	0				0				SEE	ORIGINA	1 14/611	PECO		
				+		-			JEE		4/8/1996	RECO	-	
											1707 1000			
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~								······································						
		j								•				
				_										
	<u> </u>		<del></del>		<del>-,</del>									
	<u> </u>			<del></del>				··· -						
	<del>                                     </del>					<u> </u>								<del></del>
<del> </del>	<del> </del> -													
Please insert ac	ditional pag	ges as ap	plicable.	ı		L			······································				••	
D-1111 Canan	NA	_	_											
Drilling Contra Address	actor		<del></del>		City				State		7in			
											Z.p _		···	
Logging Comp														
Address					City			<del>,</del> -	State	<u> </u>	Zip			
Cementing Co	mpany NA													
Address							_		State		Zip			
Stimulating Co	mpany Pro	oducers	Service Co	πp.										
Address 109 Sc					City	Zanesville	e		State	ОН	Zip _	13701		
Please insert ac			plicable.		_	- <del></del>			_ <del>_</del>					
	Dogodijela	imar						m 1 .	304 400	1.1107				
Completed by	A CORE LIGHT	J.	10201-		Title O	perations M		i elephor er	ne 304-420	Doto A	11/14			_
Signature	5		xy en		. 144	,				Dale			_	
Submittal of H	udraulic Fra	cturing	Chemical	Disclos	re Info	-mation	Δt	tach conv	of ERACI	ביי היי	Danieta	.,		