

Approved by (DEP Manager)

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS MANAGEMENT

	DEP USE ONLY			
Application Tracking #				
151	2463			

Date

1/28/25

YES, See Attached

ALT SITE ID: WLPAD - CONNER SAMUEL 17458 WELL PAD

RECEIVED 1/14/2025

Proposed Alternate Method or Material for Casing, Plugging, Venting or Equipping a Well

Well Operator	1	DEP ID#	Well Permit or Registration Number	er .	
Range Resources Appalachia, LL	С	141142	37-125-29167		
Address	-		Well Farm Name		
3000 Town Center Blvd.			CONNER SAMUEL 1745		
City	State	Zip Code	Well #	Serial #	
Canonsburg	PA	15317	1H		
Phone	Fax		County	Municipality	
724-743-6700			Washington	Cecil	
of the Coal and Gas Resource Methods.) Attach proof of noti	A proposed alternate method is subject to provisions in §3221 of the 2012 Oil and Gas Act, 58 Pa. C.S. §3221 Section 13 of the Coal and Gas Resource Coordination Act, 58 P.S. §513 and 25 PA Code §§78.75-78.75a (relating to Alternate Methods.) Attach proof of notification of coal operator(s).				
1. the proposed alter	nate method or	materials, ai	iption and / or diagram: nd the goals of the laws and	regulations	
The CONNER SAMUEL pad is in to be mined out. The estimated to present. A mine balance cement known fresh groundwater (DFGV which is approximately 57' above below DFGW, as well as leave en placement of mine baskets on the Providing ample space between isolation between DFGW and the string less than 50' below the DF estimated top of the mine void.	n a known mined op is at 274' GL. job is anticipated by within a 2,500' the top of the mough room from e coal protective the surface casine mined-out coal.	out area. The No other work to be require radius of the ine void. Curr the surface of casing string g seat and to With this alte	e Pittsburgh Coal is greater the kable coal seams other than ed on the 13-3/8" Coal Protect CONNER SAMUEL pad is crently, it is not possible to set casing string shoe and the to (per Chapter §78a.83(c) & § p of the mine will allow for the rnate method, we are requestionable coal seams of the season of the sea	nan 28" thick and is anticipated the Pittsburgh Coal are ctive casing string. The deepest correlated to a depth of 217' GL a water string at least 50' p of the mine for proper 78a.83(h) as shown below). The best cement coverage and string to set a surface casing	
§78a.83. Surface and coal protect	ctive casing and o	cementing pro	ocedures.		
(c.) The operator shall drill to app					
consolidated rock, whichever is depth.	leeper, and imme	ediately set ar	nd permanently cement a str	ing of surface casing to that	
(h) Unless an alternative method alternative methods), when a we well is drilled through a coal pilla the bottom of the coal seam. The operator shall equip the casing was practical.	Il is drilled throug r, the operator she operator shall so	h a coal sean all drill to a de et and cemen	n at a location where the coa epth of at least 30 feet but no t a coal protection string of c	Il has been removed or when a more than 50 feet deeper than asing to this depth. The	
Optional: Approval by Coal O	wner or Operato		Signature of Applicant / We	-	
Signature			Signature	Date	
Print or Type Signer's Name and Title			Randi Robertson Print or Type Signer's Name and Title	1/8/2025	
		F	Randi Robertson		
If optional approval is sign	ed by coal ow	ner or oper	ator, the 15-day objection	on period may be waived.	

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Address	······································		Well Farm Name		
3000 Town Center Blvd.			CONNER SAMUEL 17458		
City	State		Well #	Serial #	
Canonsburg	PA	15317	1H	M	
Phone	Fax		County	Municipality	
724-743-6700	<u> </u>		Washington	Cecil	22224 2 11 12
A proposed alternate method is					
of the Coal and Gas Resource Methods.) Attach proof of not			513 and 25 PA CO	de §§/8./5-/8./5a (re	lating to Alternate
Describe in reasonable			rintion and / or dia	aramı	
1. the proposed alte				graiii.	
				laws and regulations.	
25 PA Code Chapter 78a.84(f) r			_	_	
greater than 3,000 psi shall be p					
maximum pressure to which the					
the pressure test shall be confire					
requesting to perform a Casing					
bumped and reducing the test fr					art 2, Second
Edition - 12/2010 Section 5.10.2	•	•	•		
Preferably, pressure testing cas					
testing will be limited by the pres be done after the cement has se					
pressure should be held on the					
duration to 10 minutes ensures					
test for the full 30 minutes could					
While in this critical gel phase, a					
could affect the cement bond. I					
pressure balance until a minimu			opsi is achieved and	d the CIT would then be	e performed per
requirements in applicable statu	tes and regulation	S			
Optional: Approval by Coal O	wner or Operator	r	Signature of Appli	icant / Well Operator	
Signature	I	Date	Signature		Date
			Randi Robe	rtson	1/8/2025
Print or Type Signer's Name and Title			Print or Type Signer's Nar	me and Title	
			Randi Robertson		
		<u> </u>			

If optional approval is signed by coal owner or operator, the 15-day objection period may be waived.

	DEP USE ONLY	
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	☐ YE	S, See Attached
see page 1	□ NC)