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

DEP USE ONLY
Application Tracking # 1583075

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

Well Operator Range Resources Appalachia, LLC		DEP ID# 141142		Well Permit or Registration Number 37-125-29311	
Address 3000 Town Center Blvd.				Well Farm Name STEVENSON THOMAS 18134	
City Canonsburg		State PA	Zip Code 15317	Well # 8H	Serial #
Phone 724-743-6700	Fax	County Washington		Municipality Smith	

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).**

Describe in reasonable detail using a written description and / or diagram:

1. the proposed alternate method or materials, and
2. the manner in which the alternative will satisfy the goals of the laws and regulations.

PA Code Title 25 Chapter 78a, 78a.85 (c) prohibits an operator from disturbing, releasing pressure, or nipping up within 8 hours of cementing a casing string. Range is requesting approval to perform surface work on the wellhead prior to waiting 8 hours when casing equipment check valves are holding. Range will not enter the wellbore with anything other than wireline prior to waiting 8 hours on cement.

Range plans to utilize a "MBS" Multibowl System wellhead on this well which encompasses three strings of casing (mine, intermediate, and production). The casing weight is suspended at surface by way of a base plate in the cellar which supports the casing head. After installation of the casing head, subsequent casing strings are supported through mandrel hangers within the wellhead system. This wellhead design negates the need for the rig to support the casing string while the cement is curing. Without the need for the rig to support the casing string, the removal of cementing equipment & installation of wellhead equipment which is required for the next phase of drilling operations can be accomplished without disturbing the subsurface cemented portion of the casing. This equipment can include but is not limited to BOP equipment, flowline, and associated piping.

PA Code Title 25 Chapter 78a, 7a.83(h) requires an operator drilling in an area of mining to drill to a depth at least 30' but not more than 50' below the bottom of the coal seam. Range is requesting approval to drill to a depth at least 30' but no more than 100' below the bottom of the coal seam. In the event that loose material collects in the bottom of the wellbore, additional footage below the base of the coal seam may be needed to ensure the casing is properly landed in the wellhead. The casing shoe will still be set no greater than 50' below the base of the coal seam.

Optional: Approval by Coal Owner or Operator		Signature of Applicant / Well Operator	
Signature	Date	Signature <i>Callie M. Fry</i>	Date 8/25/2026
Print or Type Signer's Name and Title		Print or Type Signer's Name and Title Callie M. Fry – Drilling Engineer II	

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

DEP USE ONLY	
Approved by (DEP Manager) 	Conditions ☐ YES, See Attached ☒ NO
Date 9/25/2026	