



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

DEP USE ONLY
Application Tracking #

Client 213205
Site 888101
APS 1164351
Auth 1575092
Received 07/02/2026

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

Well Operator Pennsylvania General Energy		DEP ID# OGO-63025		Well Permit or Registration Number 37-081-22094-00-00	
Address 120 Market Street			Well Farm Name HL Hazlak Pad F		
City Warren	State PA	Zip Code 16365	Well # 2872	Serial # N/A	
Phone (814) 723-3230	Fax (814) 723-3502	County Lycoming	Municipality Shrewsbury Township		

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.

PGE would like to propose an alternative method to 78a.85c (8 hour WOC minimum). PGE is seeking permission to remove the landing joint(s) and N/U and/or N/D BOP's immediately following cementing operations (less than 8 hours after cementing) on our surface, intermediate and production casing strings on the HL Hazlak Pad F 2872 (Permit # 37-081-22094-00-00).

13-3/8" Surface Casing: After the surface casing string has been run we will land the weight of the casing string on the conductor using a casing hanger that locks into the landing ring and prevents vertical movement of the casing string. The hole will be circulated and conditioned using the rig pumps and then the casing string will be cemented in place.

Afterwards, the landing joint will be released from the casing hanger, the wellhead (A-section) will be installed, and the BOP will be installed and pressure tested. We will not trip in the hole until at least 8 hours after the cement is in place.

9-5/8" Intermediate Casing: A 9-5/8" mandrel casing hanger will be installed in the casing string and hung off in the wellhead prior to cementing operations. Once the plug is bumped and cementing operations are completed, the landing joint will be released from the hanger running tool and the pack-off assembly will be installed. We will not trip in the hole until at least 8 hours after the cement is in place.

5-1/2" Production Casing: A 5-1/2" mandrel casing hanger will be installed in the casing string and hung off in the wellhead prior to cementing operations. Once the plug is bumped and cementing operations are completed, the landing joint will be released from the hanger running tool, the pack-off assembly will be installed, and the BOP equipment will be nipped down from the wellhead.

The processes outlined above are widely used in the industry in lieu of welding on wellheads and using slips to install casing strings. These processes allow for work to continue on surface without causing pipe movement downhole and jeopardizing the quality of the cement job. Please see the attached diagram for more detail on the wellhead system that we will be utilizing on this well.

Optional: Approval by Coal Owner or Operator		Signature of Applicant / Well Operator	
Signature	Date	Signature	Date
		<i>Dustin Pottmeyer</i>	7/2/2026
Print or Type Signer's Name and Title		Print or Type Signer's Name and Title	
		Dustin Pottmeyer, Drilling Engineer	

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

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Approved by (DEP Manager) <i>Stephanie Wharton</i>	Conditions ☒ YES, See Attached ☐ NO
	Date 7/9/2026

General Conditions for alternate method to 25 PA Code §78a.85(c)

1. The operator shall inspect all equipment for defects. All defective equipment shall be repaired or replaced prior to use.
2. At a minimum, Cement Bond Logs shall be run following the surface and intermediate casing cement jobs at the first new well drilled on the pad. A qualified company representative shall evaluate the Cement Bond Log Reports prior to running and cementing subsequent strings of casing. Copies of the reports shall be provided to the Department upon request.
3. Annular gas checks shall be conducted prior to drilling out the conductor, surface, and intermediate casing shoes. The presence or absence of combustible gas at each annulus shall be documented in the Driller's Log.
4. If defective cement is identified following #2 and #3, the operator shall contact the Oil & Gas Inspector and repair the defective cement prior to running and cementing subsequent strings of casing.
5. All three (3) annular spaces shall be isolated and vented for monitoring purposes.