



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

Received electronically on 06/25/2026 bgr
Site 170963 Client 244896 OGO-65675
eFacts: DIVERSIFIED PROD LLC

DEP USE ONLY
Application Tracking # 1574375

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

Well Operator Diversified Production LLC		DEP ID# 65675		Well Permit or Registration Number 37-085-21434	
Address 395 Airport Road				Well Farm Name Watson	
City Indiana		State PA	Zip Code 15701	Well # 2	Serial #
Phone Northern PA 724-422-7878 Southern PA 724-397-5333	Fax N/A			County Mercer	Municipality East Lackawannock

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.

Watson 2 well- API 37-085-21434. The well had stuck 1 1/2" tubing in the well, and we could not not get down the tubing past about 1450' initially, and could not pump down the tubing, We did a series of tubing back offs, working our way down the well, encountering tubing blockages along the way, was finally able to cut tubing at 4651', on top of another salt blockage.. We went in the well with washover pipe with a mill collar on bottom, and circulated out some salt, made it 10' or so, then started getting metal shavings back to surface, indicating the potential of collapsed casing in the salt section of the well. Our Concern was not to forfeit any remaining casing/wellbore integrity by continuing to mill. We had not encountered any gas shows as we progressed to this point on the well.

Proposed alternate method: 1st, Cut 4 1/2" casing at about 4650', but casing would not come free, stuck in salt. We ran a bond log in well, decided to perf at 4615(at the casing cut), then shot 4 shots at 4450', 4340', and 4250'. We set a squeeze plug across all perfs and casing cut up to 4200', but cement top checked afterwards was high at about 4030'. We drilled out cement to 4108'. Went in well, cut casing at 4070', then pulled 4 1/2" casing from the well. We set a class A cement plug from 4070 to about 3433' to cover the Big Lime. We will tag each cement plug to ensure the plug is there, was at 3433'. There will be a gel spacer spotted from 3433' up to 743', then we set a class A cement surface casing plug from 743' to 543'. We tagged the final plug at 570'. The well was checked for gas, all good. Pea Gravel was installed in the well from the surface casing plug at 570' to surface. After everything was verified, the well casing was cut off 3' below grade, and has the well ID plate welded on.

Optional: Approval by Coal Owner or Operator		Signature of Applicant / Well Operator	
Signature	Date	Signature 	Date 6/18/2026
Print or Type Signer's Name and Title		Print or Type Signer's Name and Title Nicholas Bumgardner, Permitting Supervisor	

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 06/29/2026



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

DEP USE ONLY
Application Tracking #

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

Well Operator Diversified Production LLC		DEP ID# 65675		Well Permit or Registration Number 37-085-21434	
Address 395 Airport Road				Well Farm Name Watson	
City Indiana		State PA	Zip Code 15701	Well # 2	Serial #
Phone Northern PA 724-422-7878 Southern PA 724-397-5333	Fax N/A			County Mercer	Municipality East Lackawannock

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.

Watson 2 well- API 37-085-21434. The well had stuck 1 1/2" tubing in the well, and we could not not get down the tubing past about 1450' initially, and could not pump down the tubing, We did a series of tubing back offs, working our way down the well, encountering tubing blockages along the way, was finally able to cut tubing at 4651', on top of another salt blockage.. We went in the well with washover pipe with a mill collar on bottom, and circulated out some salt, made it 10' or so, then started getting metal shavings back to surface, indicating the potential of collapsed casing in the salt section of the well. Our Concern is not to forfeit the casing/wellbore integrity any worse by continuing to mill. We have not encountered any gas shows as we progressed to this point on the well.

Proposed alternate method: Cut 4 1/2" casing at about 4650', pull 4 1/2" casing from the well. Run 1 1/2" tubing in the well, then set a 600' class A cement plug from 4650 to about 4050'. We will tag each cement plug to ensure the plug is there, then cement with class A cement up to above the Big Lime to about 3,450'. There will be a gel spacer spotted from 3450' up to 743', then will set a class A cement surface casing plug from 743' to 543'. The well will be checked for gas, if OK, Pea Gravel will be installed in the well from the surface casing plug to surface. After everything is verified, the well casing will be cut off 3' below grade, and have the ID plate welded on.

Optional: Approval by Coal Owner or Operator		Signature of Applicant / Well Operator	
Signature	Date	Signature 	Date 5/21/2026
Print or Type Signer's Name and Title		Print or Type Signer's Name and Title Nicholas Bumgardner, Permitting Supervisor	

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)  OGI - Thomas Antonishak	Conditions ☒ YES, See Attached ☐ NO	Date 05/21/2026

Watson 2

37-085-21434

Alternate method of well plugging review - approved with the following conditions.

1. Each cement plug must be tagged the next day or after ample setup time - no sooner than 8 hours after pumping to ensure accurate depth placement of each planned cement plug.



05/21/2026