



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

Electronically Received 7/13/26gmc

DEP USE ONLY
Application Tracking # 1575865

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

Site#170944 Client# 244896

Well Operator Diversified Production LLC		DEP ID# 65675		Well Permit or Registration Number 37-085-21415	
Address 395 Airport Road				Well Farm Name Moose	
City Indiana	State PA	Zip Code 15701	Well # 1	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.

Moose 1 well- API 37-085-21415. Began work on well on about 6/11. The well had 1 1/2" tubing stuck in the well, and we could not get down the tubing past about 4210', was able to cut tubing at 4200', above the salt blockage.. We went in the well with mill to dress tubing cut, then washover pipe with a mill shoe on bottom, and circulated out some salt, made it 4775' or so, then started getting metal shavings back to surface, indicating the potential of collapsed casing in the salt section of the well. The concern was not to forfeit the casing/wellbore integrity any more/worse by continuing to mill. We have not encountered any gas shows as we progressed to this point on the well. Went in hole to retrieve tubing, tubing parted at/we were able to recover 4617' of 1 1/2" tubing from the well. On 7/10/2026, we ran a bond log, tagged at 4690', and saw some 4 1/2" casing annular debris and cement uphole from that attainable bottom, from 4458' to 4470'(TOC 4458'). Per the completion report, there were no gas shows from the well during the drilling process in Feb 1992.

Proposed alternate method: Requested Attainable bottom at 4690'(loggers TD), and identified a cement stringer top at approx 4458'. Cut 4 1/2" casing above cement at about 4400', pull 4 1/2" casing from the well. Run tubing in the well, then set a 900' class A cement plug from 4400 to about 3600'. We will tag the cement plug to ensure the plug is in place, then cement with class A cement up to well above the Big Lime to about 3,600' or acceptable depth above the Marcellus.. There will be a gel spacer spotted from 3600' up to 754, then will set a class A cement surface casing plug from 754' to 554'. The well will be checked for gas the following morning. 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 with API number welded on installed by tack weld.

Optional: Approval by Coal Owner or Operator		Signature of Applicant / Well Operator	
Signature	Date	Signature 	Date 7/13/2026
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 07/13/2026
OGI - Tom Antonishak		