

8000-PM-OOGM0024 4/2012



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

DEP USE ONLY
Application Tracking # 1565167

Site: 14811
Client: 49820
OGO-47090-04/08/26-trs

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

Well Operator Herman Riemer Gas Company		DEP ID# OGO-47090	Well Permit or Registration Number 37-019-01463	
Address 134 Winfield Road			Well Farm Name Behning	
City Sarver	State PA	Zip Code 16055	Well # 9	Serial #
Phone 724-352-1802	Fax	County Butler	Municipality Buffalo	

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.**

Herman Riemer Gas Company is requested that the department allows them to plug the Behning #9 with an attainable bottom of 1468'. Reasons, they believe the well has been under fresh water for at least 40 years, which has caused the sands, slates, and other formations to start to plug themselves in the open hole part of the well. When they TD the well they worked the bridge at 1468', loose parts of the open hole was falling around the tools. They stopped so they would not lose the hole. The 4 7/8th casing packer is set at 954'. There is 514' of open hole above the TD. After running calipers to see the size of the hole, Riemer Gas discovered a cavern in the open hole that the wire line company feels is around 10' long and up to 20" wide or more from 1170' to 1180'. Riemer Gas feels the cavern could cause trouble with caves and they could possibly lose the open hole at 1180' to 1190' if the cavern caves more. They feel that working the hole is too risky with it being full of fresh water (They tried to bail the well down but it just kept filling in with water). Riemer Gas also feels that pulling the 4 7/8th out and running new pipe could possibly risk losing the over 500' of open hole that they now have.

TO SATISFY THE GOALS: Herman Riemer Gas Company will pump solid cement from 1468' to surface. Riemer Gas will fill the open hole from 1468' to 954' (Included the cavern from 1180' to 1170') they will pump cement on their first plug from 1468' to almost 900' to secure the packer. Riemer Gas will cut the 4 7/8th at 900' and remove it. Then Riemer Gas will find the 6 1/4" packer and fill cement from 900' to 50' above the 6 1/4" packer. Then they will attempt to pull the 6 1/4" casing out or they will perf it every 50' to surface, then cement the well to surface. There is no gas coming from the well. Riemer Gas feels that the long exposure of fresh water has ruined the gas sands and has caused multiple bridges in the open hole. Riemer Gas feels that a solid cement plug of 514' on top of the bridges in the open hole will contain any possible gas that the fresh water hasn't yet diminished. Riemer Gas will get even more cement to the open hole after they pull or perf the casing. Riemer Gas will try to get a total of 1468' of cement in the well.

Optional: Approval by Coal Owner or Operator		Signature of Applicant / Well Operator	
Signature	Date	Signature	Date
		<i>James H Riemer ext opnt 2 26</i>	
Print or Type Signer's Name and Title		Print or Type Signer's Name and Title	
		<i>JAMES H Riemer EXT.</i>	

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	Date
<i>Brian MacQuarrie</i>	<input type="checkbox"/> YES, See Attached <input checked="" type="checkbox"/> NO	4/10/2026

