8000-PM-OOGM0024 4/2012

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

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

DEP USE ONLY
Application Tracking #
1589422

Received 10/16/26
10/20/26 dg
OGO-15547 Seneca Resources Co LLC
6/26/19

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

Well Operator	DEP ID#	Well Permit or Registration Number
Seneca Resources	72933	37-065-00979

Address	Well Farm Name
51 Zents Blvd	Verstine-Hibbard

City	State	Zip Code	Well #	Serial #
Brookville	PA	15825	5949	

Phone	Fax	County	Municipality
814-849-4555	814-849-4795	Jefferson	Knox

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.**

As actual TD was unable to be attained, as a result of a bridge that could not be penetrated, we began to plug from a depth of 1,172'. From that depth we placed solid cement to a depth of 165'

1,172' to 1,139' 6 sacks

1,139' to 844' 55 sacks

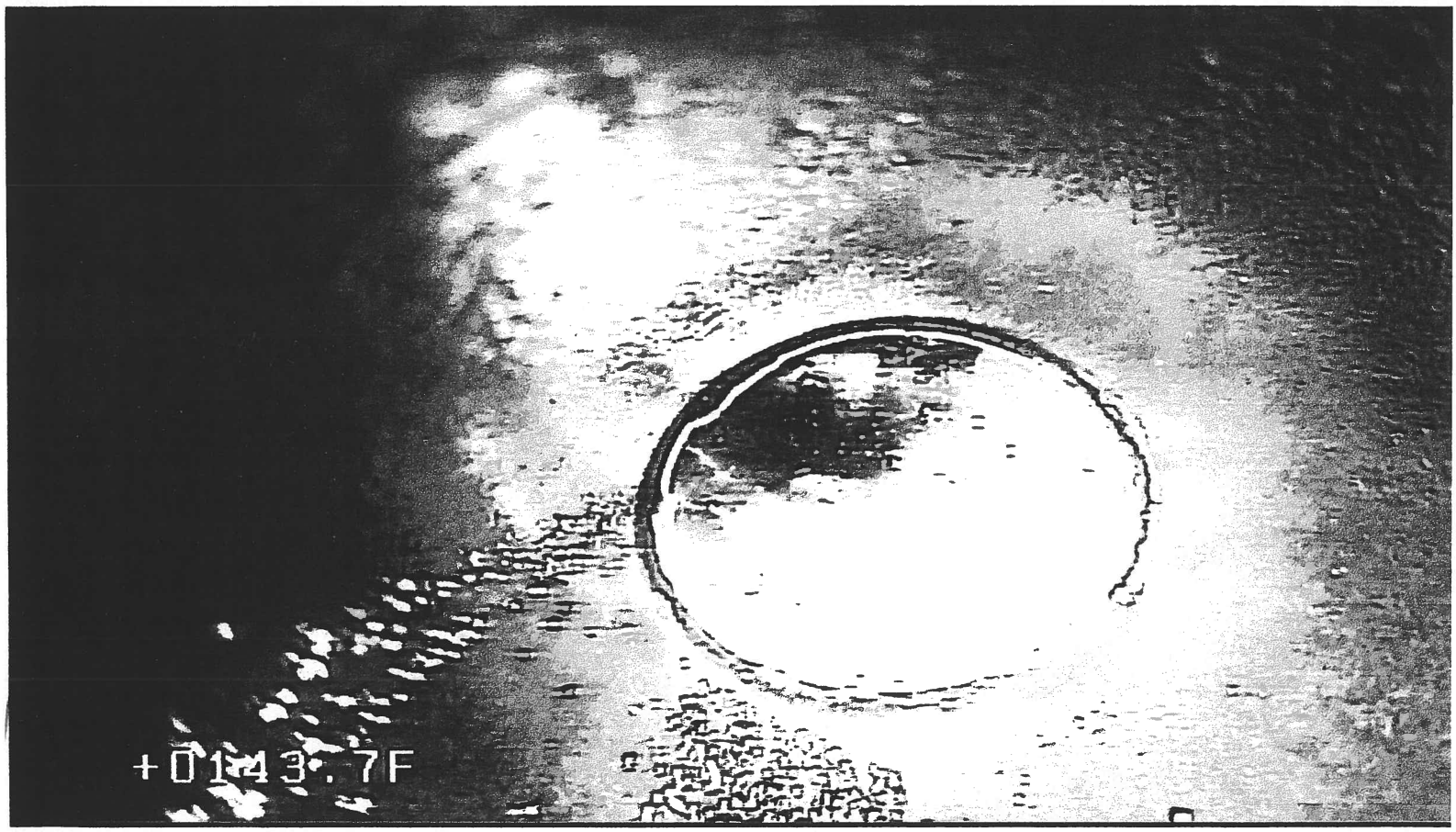
844' to 398' 125 sacks

398' to 165' 75 sacks

Optional: Approval by Coal Owner or Operator		Signature of Applicant / Well Operator	
Signature	Date	Signature	Date 10/22/19
Print or Type Signer's Name and Title		Print or Type Signer's Name and Title	

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
	☐ YES, See Attached ☑ NO	10/30/2026


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From June 26, 2019 to July 3, 2019:

Typical plugging procedures of rig up, tag installed bridge, attempt to pull (then ultimately cut and pull) 4.5" casing from well, attempt to run new packer and casing (unsuccessfully). While coming out of hole with packer, packer was destroyed by the poor condition (badly corroded) 7' casing.
Actual days worked 5

From July 3, 2019 to July 22, 2019:

Worked at attempting to get back through the corroded 7", began cut and fishing operations on 7", in order to get to a point where we could run a steel dye collar on 4.5" casing to screw back on the threads of the 4.5" stub left in well.
Actual days worked 11

From July 22, 2019 to August 1, 2019:

Attempted to get to bottom with the steel dye collar. Were successful twice to get to bottom but unsuccessful with screwing on to stub.
Ending depth 1,094'
Actual days worked 8

From August 1, 2019 to August 7, 2019:

Attempt to run larger packer on 4.5" casing and set above stub left in well. Successful.
Ending depth 1,094' (new packer depth)
Actual days worked 4

From August 7, 2019 to August 21, 2019:

RIH with a number of different drilling, fishing, and magnet tools to clean out metal and other debris that had fallen into the stub left behind.
Ending depth 1,150'
Actual days worked 10

From August 21, 2019 to September 3, 2019:

RIH with drilling tools, sand pump, and bailer in order to remove installed bridge from well.
Ending depth 1,172'
Actual days worked 11