



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

Well Operator CNX Gas Company LLC		DEP ID# 37312	Well Permit or Registration Number 37-129-29123	
Address 1000 CONSOL Energy Drive			Well Farm Name Bell Point	
City Canonsburg	State PA	Zip Code 15317	Well # 6QHSU	Serial # PA1291994HSUT
Phone 724-485-4346	Fax	County Westmoreland		Municipality Bell 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.**

Please see the plugging procedure outlined on page 2.

CNX is seeking review and approval of this alternate method due to inability, after multiple attempts, to retrieve parted production casing.

CNX agrees to maintain a 2000' buffer for an offset Utica lateral along the lateral path of BP6QHSU. This modeling is subject to change. Any request to deviate from the 2000' buffer must be approved by the Department.

CNX will plug the BP6RHSU (129-29122) and BP6SHSU (129-29121) wells after plugging the BP6QHSU well.

Optional: Approval by Coal Owner or Operator		Signature of Applicant / Well Operator	
Signature	Date	Signature 	Date 8/25/2022
Print or Type Signer's Name and Title		Print or Type Signer's Name and Title Erika Whetstone Director Permitting	

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 08/25/2022

BP6QHSU Plug and Abandonment Plan

1. PU plug back BHA
 - a. 1100' of 2.875" tubing
2. TIH to deepest achievable depth outside of 5.5" casing fish — 10544'.
3. Space out for cement head rig up at 10529'.
4. Spot isolation plug as per Halliburton procedure in Open Hole (380 bbls based on washout)
5. Tag top of cement and ensure cement is inside 9.625" casing to an approximate depth of 10,100'.
6. TOOH
7. RU Horizontal Wireline and PU Baker CIBP
8. RIH and set CIBP in first full joint of casing above cement top at an approximate setting depth of 10,080'.
9. POOH and RD wireline
10. PU plug back BHA
11. TIH to top of plug
12. Spot isolation plug as per Halliburton procedure in 900' sections to 2800'. Laying down drillpipe while tripping out between plugs. Displace with foam wiper plugs after each plug.
13. TOOH
14. RU Horizontal Wireline and PU Baker CIBP
15. RIH and set CIBP in first full joint of casing above cement top.
16. POOH and LD setting tool
17. RD Wireline
18. PU plug back BHA
19. TIH to top of plug
20. Spot isolation plug as per Halliburton procedure in 900' sections to surface. Laying down drillpipe while tripping out between plugs. Displace with foam wiper plugs after each plug.
 - a. Note, place top of final plug 40' from wellhead flange to prevent risk of cement in BOP stack
21. ND BOP and thoroughly clean stack to prevent cement and/or spacer settling in BOP cavities
22. RDMO Patterson 873
23. Install permanent monitor lines on the 13-3/8" x 9-5/8" annulus and on the 9-5/8" casing from wellhead to surface. Monitoring lines will remain in the open and vented to the atmosphere.
24. Backfill cellar with gravel if needed for completion operations on offset wells