



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

Received electronically on 06/23/2026 bgr  
Site 760283 Client 292594 OGO-68215

|                                          |
|------------------------------------------|
| DEP USE ONLY                             |
| Application Tracking #<br><b>1573988</b> |

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

|                                                |                    |                           |                    |                                                           |          |
|------------------------------------------------|--------------------|---------------------------|--------------------|-----------------------------------------------------------|----------|
| Well Operator<br><b>Hilcorp Energy Company</b> |                    | DEP ID#<br><b>68215</b>   |                    | Well Permit or Registration Number<br><b>37-073-20367</b> |          |
| Address<br><b>1111 Travis St.</b>              |                    |                           |                    | Well Farm Name<br><b>Pulaski Whiting</b>                  |          |
| City<br><b>Houston</b>                         | State<br><b>TX</b> | Zip Code<br><b>77002</b>  | Well #<br><b>1</b> |                                                           | Serial # |
| Phone<br><b>713-209-2400</b>                   | Fax                | County<br><b>Lawrence</b> |                    | Municipality<br><b>Pulaski</b>                            |          |

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.**

Hilcorp was unable to remove cut casing at 5,111' (2026 CBL) from the Whiting 1. Based on attached CBL review, Hilcorp is requesting the following alternate method: Cut 7-5/8", 30#, P-110 Production Casing at 4,175'. Retrieve 7-5/8" Casing. Set 145' cement plug from 5,005' – 5,150' inside 7-5/8" casing to cover the remaining Lockport. Pump 9ppg gelled fluid above the cementing 5,005' up to 4,200'. Set 584' cement plug from 3,616' – 4,200' over Bass Island, Oriskany, Onondaga & Marcellus. See attached procedure and wellbore schamtic.

|                                                     |      |                                                                                 |                          |
|-----------------------------------------------------|------|---------------------------------------------------------------------------------|--------------------------|
| <b>Optional: Approval by Coal Owner or Operator</b> |      | <b>Signature of Applicant / Well Operator</b>                                   |                          |
| Signature                                           | Date | Signature<br><i>Kandis Roland</i>                                               | Date<br><b>6/23/2026</b> |
| Print or Type Signer's Name and Title               |      | Print or Type Signer's Name and Title<br><b>Kandis Roland - Regulatory Tech</b> |                          |

If optional approval is signed by coal owner or operator, the 15-day objection period may be waived.

|                                                                                       |                                                                                                                                                                                                                          |            |      |                                                                                      |                   |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------|--------------------------------------------------------------------------------------|-------------------|
| <b>DEP USE ONLY</b>                                                                   |                                                                                                                                                                                                                          |            |      |                                                                                      |                   |
| Approved by (DEP Manager) OGI<br><i>[Signature]</i><br><b>OGI - Thomas Antonishak</b> | <table border="1"> <tr> <td>Conditions</td> <td>Date</td> </tr> <tr> <td> <input checked="" type="checkbox"/> YES, See Attached<br/> <input type="checkbox"/> NO         </td> <td><b>06/23/2026</b></td> </tr> </table> | Conditions | Date | <input checked="" type="checkbox"/> YES, See Attached<br><input type="checkbox"/> NO | <b>06/23/2026</b> |
| Conditions                                                                            | Date                                                                                                                                                                                                                     |            |      |                                                                                      |                   |
| <input checked="" type="checkbox"/> YES, See Attached<br><input type="checkbox"/> NO  | <b>06/23/2026</b>                                                                                                                                                                                                        |            |      |                                                                                      |                   |

**Pulaski Whiting 1**  
**37-073-20367**

**Proposed PxA V4**

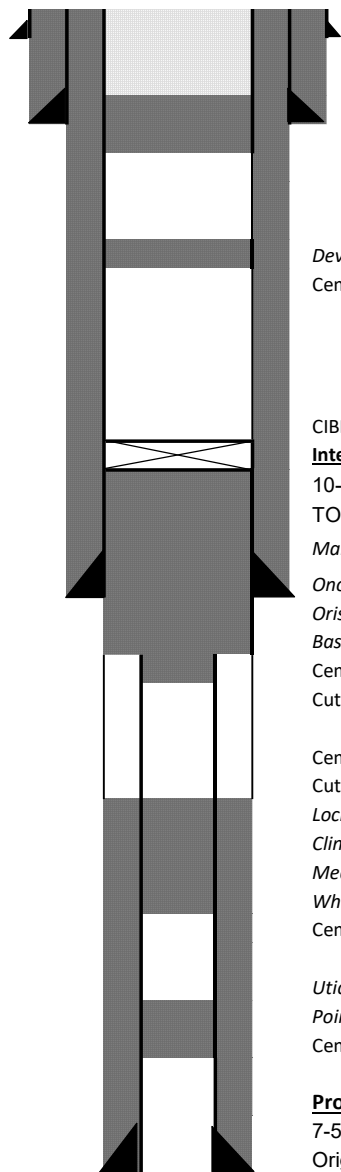
1. Rig up workover rig.
2. Run in hole. Set 442' cement plug from 7,338' – 7,780' inside 7-5/8" casing to cover Utica & Point Pleasant.
3. Pump 9ppg gelled fluid above the cement plug top 7,338' up to 5,779'.
4. Set 629' cement plug from 5,150' – 5,779' covering the Whirlpool, Medina, Clinton & a portion of the Lockport.
5. Run in hole with mechanical cutter. Attempted to cut 7-5/8", 30#, P-110 Production Casing at 5,130'. *After completing this cut, we were unable to inject at 1,800 psi and had no pipe movement.*
6. Cut 7-5/8", 30#, P-110 Production Casing at 4,175'.
7. Retrieve 7-5/8" Casing.
8. Set 145' cement plug from 5,005' – 5,150' inside 7-5/8" casing to cover the remaining Lockport.
9. Pump 9ppg gelled fluid above the cementing 5,005' up to 4,200'.
10. Set 584' cement plug from 3,616' – 4,200' over Bass Island, Oriskany, Onondaga & Marcellus.
11. Pump 9ppg gelled fluid above cement plug top 3616' up to 3,600'.
12. Pull out of hole.
13. Run in hole with cast iron bridge plug to 3,600'.
14. Pump 9ppg gelled fluid above cement plug top 3,600' up to 2,818'.
15. Pump 150' cement plug from 2,668' – 2,818' to cover the Devonian Shale show.
16. Pump 9ppg gelled fluid above plug top 2,668' up to 979'.
17. Pump 150' cement plug from 829'-979' to cover surface casing shoe.
18. Dump 829' of pea gravel from 0-829'.
19. Cut and cap well.

## Well Pulaski Whiting 1

API # 37-073-20367  
Lat / Long 41.086839 / - 80.425675  
V4

|                                      |                   |
|--------------------------------------|-------------------|
| Original Completion                  |                   |
| Present Completion as of 06/16/2025  |                   |
| Proposed Completion as of 06/16/2025 | <a href="#">x</a> |

### WELLBORE SCHEMATIC



**Conductor** 24" 94#, J-55 @ 47'

Pea gravel surface - 829'

Cement Plug @ 829' - 979'

**Surface Casing**

16" 84# J55 @ 879'

TOC @ 0'

*Devonian Shales @ 544' - 3,599', show @ 2,768'*

Cement Plug @ 2668' - 2818'

CIBP Plug Set @ 3,600'

**Intermediate Casing**

10-3/4" 46# J-55 @ 3,931'

TOC @ 0'

*Marcellus 3,716' - 3,728', No show*

*Onondaga @ 3,728' - 3,902', No show*

*Oriskany SS @ 3,902' - 3,918', No show*

*Bass Island @ 4,066' - 4,119', show @ 4,114'*

Cement 3,616' to 4,200'

Cut #2 7-5/8" 4,175'

Cement 5,005' to 5,150'

Cut #1 7-5/8" 5,130'. No injection @ 1,800 psi, no pipe movement

*Lockport @ 5,055' - 5,360', show @ 5208'*

*Clinton @ 5,478' - 5,525', No show*

*Medina @ 5,525' - 5,650', No show*

*Whirlpool @ 5,718' - 5,729', No show*

Cement 5,150' to 5,779'

*Utica @ 7,438' - 7,606', show @ 7,440'*

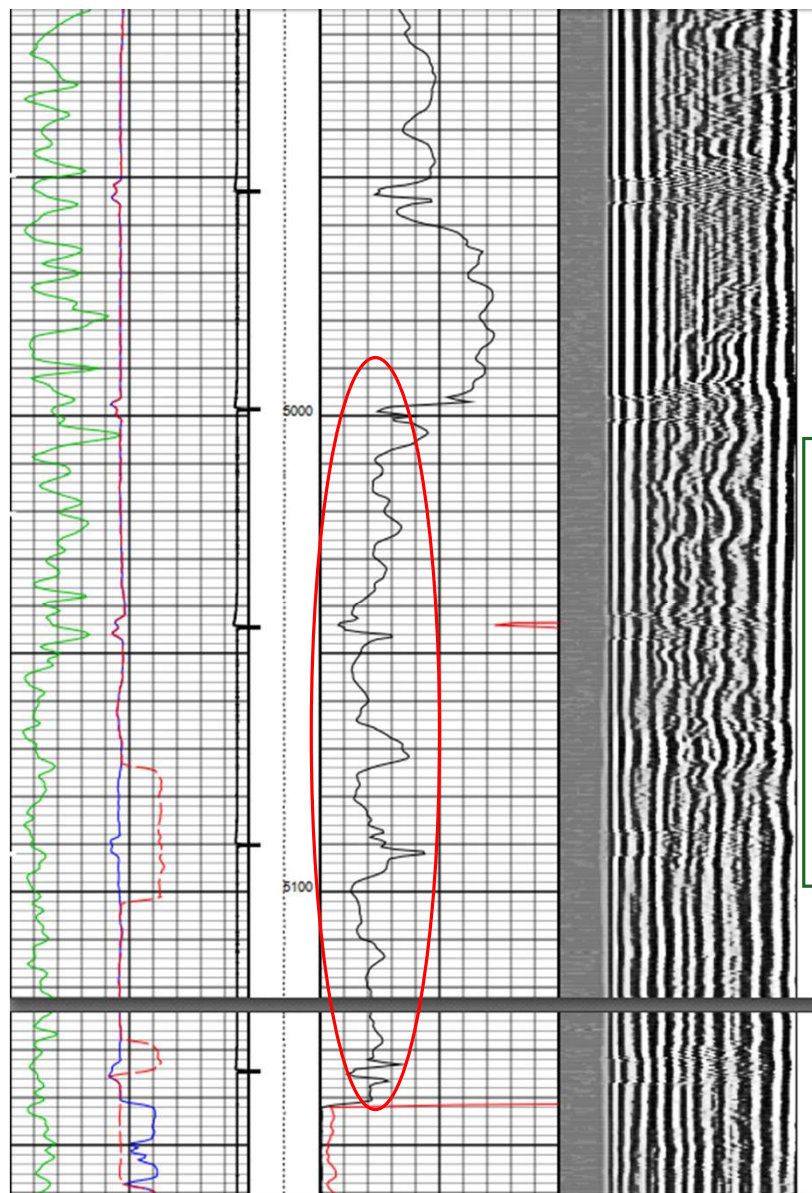
*Point Pleasant @ 7,606' - 7,730', No show*

Cement Plug @ 7,338' - 7,780'

**Production Casing**

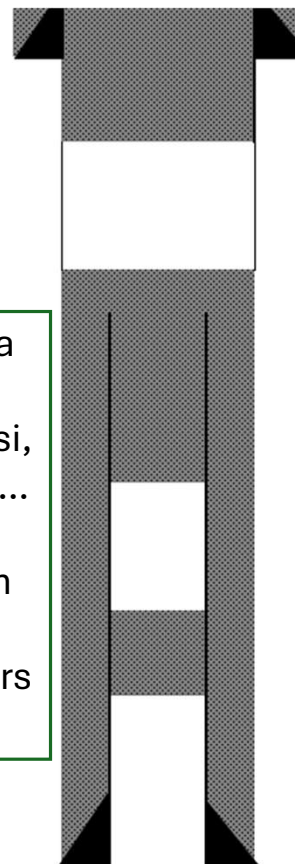
7-5/8" 30# , P-110 @ 8,304'

Original TOC @ 5,142'



With the recent data  
(cut 5,130', no  
injection at 1,800 psi,  
no pipe movement)...

This < 10 mv section  
on the CBL across  
the Lockport appears  
to be cement



*Onondaga @ 3,728' - 3,902', No show*  
*Oriskany SS @ 3,902' - 3,918', No show*  
*Bass Island @ 4,066' - 4,119', show @ 4,114'*  
Cement 3,616' to 4,169'

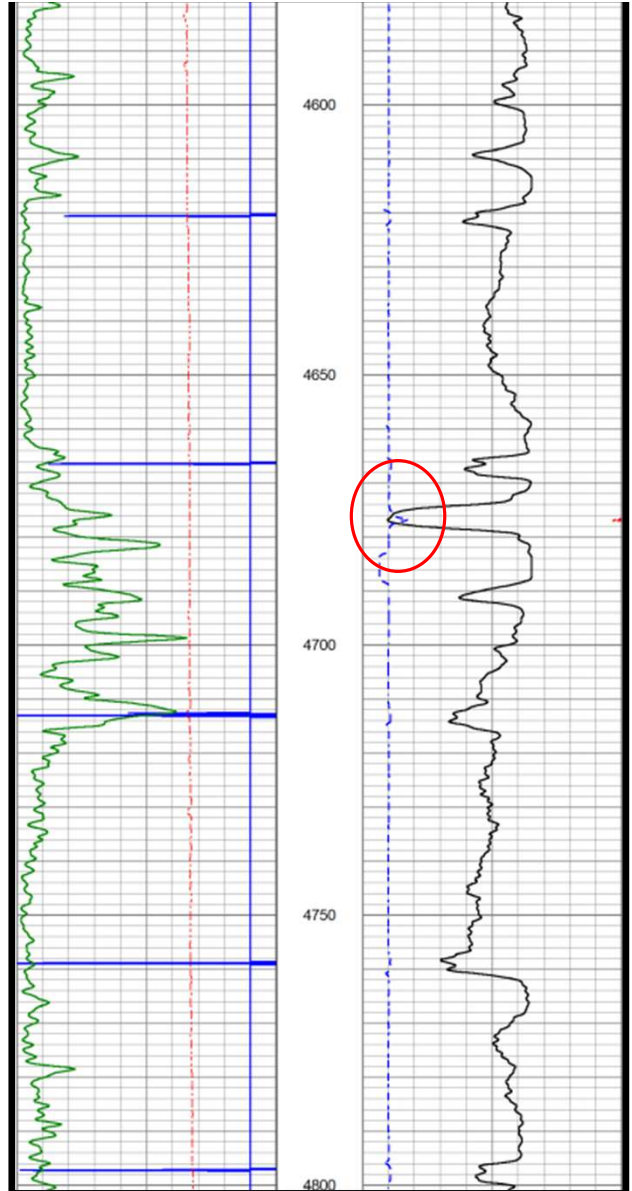
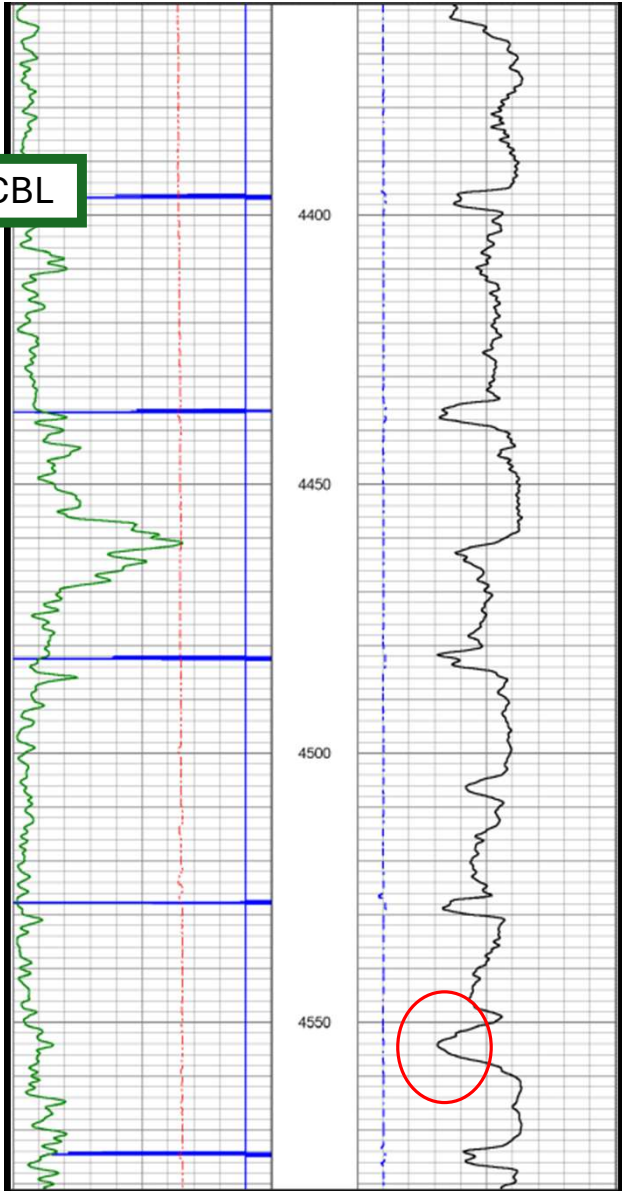
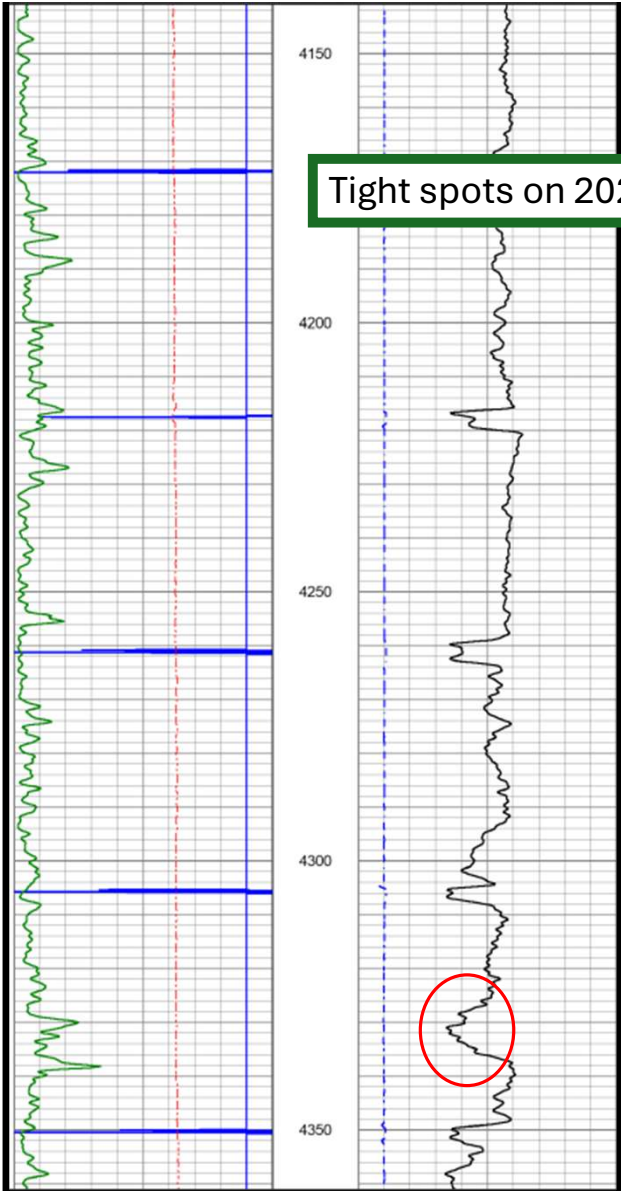
Cement 5,005' to 5,150'  
Cut 7-5/8" 5,130'  
*Lockport @ 5,055' - 5,360', show @ 5208'*  
*Clinton @ 5,478' - 5,525', No show*  
*Medina @ 5,525' - 5,650', No show*  
*Whirlpool @ 5,718' - 5,729', No show*  
Cement 5,150' to 5,779'

*Utica @ 7,438' - 7,606', show @ 7,440'*  
*Point Pleasant @ 7,606' - 7,730', No show*  
Cement Plug @ 7,338' - 7,780'

#### **Production Casing**

7-5/8" 30# , P-110 @ 8,304  
Original TOC @ 5,142'

Tight spots on 2026 CBL



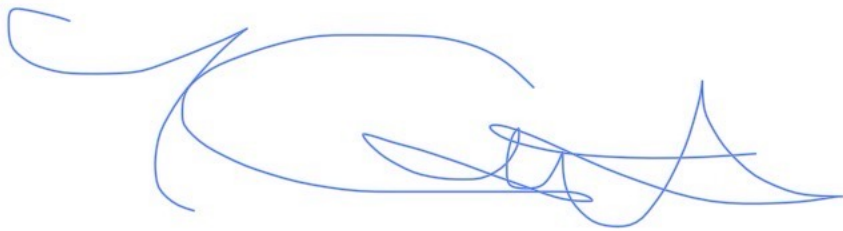
# Pulaski Whiting 1

37-073-20367

Alternate method of well plugging submitted and reviewed on 06/23/2026

- approved with the following conditions.

1. Set up for pumping cement plug #3 inside the 7 5/8" casing stump at depth of 5,158', which is the depth of the top of cement plug #2 tagged by wireline;
2. Cement plug #3 from 5,158' to 5,005';
3. tag top of cement plug #3 with sand line the next day or after adequate set up time (8hrs) to locate and verify;
4. the plug for 7 5/8" production casing cut & producible formations Bass Island, Oriskany, Onondaga, and Marcellus should be pumped as one continuous plug setting up just below the cut and just inside the 7 5/8" production casing at a depth of 4,200' to 3,616' minimally;
5. tag top of cement plug #4 with sand line the next day or after adequate set up time (8hrs) to locate and verify;



06/23/2026  
OGI Thomas Antonishak