

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS



AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Warren L. Shumaker et ux Operator Well No.: CNGD-486  
LOCATION: Elevation: 1671.12' Quadrangle: Thornton, WV 7.5'  
District: Knottsville County: Taylor  
Latitude: \_\_\_\_\_ Feet South of 39 Deg. 18 Min. 03 Sec.  
Longitude: \_\_\_\_\_ Feet West of 79 Deg. 56 Min. 44 Sec.

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Office Of Oil and Gas  
JUN 12 2024  
WV Department of  
Environmental Protection

Well Type: OIL \_\_\_\_\_ GAS XX

Company CoalQuest Development Coal Operator 100 Tygart Drive Grafton, WV 26354  
or Owner \_\_\_\_\_  
Agent Charles E. Duckworth Coal Operator \_\_\_\_\_  
or Owner \_\_\_\_\_  
Permit Issued Date 02/26/2020

AFFIDAVIT

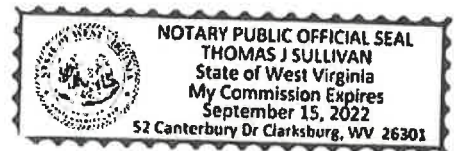
STATE OF WEST VIRGINIA,  
County of Monongalia ss:

Kevin S. Wright and Matthew A. Yearsley being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well say that said work was commenced on the 28th day of April, 2020, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Expandable Cement w/ Gas Blocker	4278'	1605'		
Expandable Cement	1605'	880'		
Thixotropic w/ Green Dye	880'	275'		
Expandable Cement	275'	Surface		
4 1/2" Casing	1605'	4378'	1605'	2773'
8 5/8" Casing	Surface	1058'	Milled 25'	1031'
16" Conductor	Surface	5'	0	5'

Description of monument: 77" of 7" casing with company name, well #, API #, and date cemented. and that the work of plugging and filling said well was completed on the 9th day of May, 2020.

And further deponents saith not. Matthew A. Yearsley  
Kevin S. Wright



Sworn and subscribe before me this 11th day of May, 2020

My commission expires: 09/15/22  
Thomas J. Sullivan  
Notary Public

Affidavit reviewed by the Office of Oil and Gas: Thomas J. Sullivan Title: OIL & GAS INSPECTOR

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

COALQUEST DEVELOPMENT, LLC.  
Coal Operator or Owner  
100 TYGART DRIVE GRAFTON, WV 26354  
Address

COALQUEST DEVELOPMENT, LLC.  
Coal Operator or Owner  
100 TYGART DRIVE GRAFTON, WV 26354  
Address

DONALD & LINDA HERSHMAN  
Lease or Property Owner  
299 SHUMAKER RIDGE RD., THORTON, WV 26354  
Address

ICG TYGART VALLEY, LLC  
Name of Well Operator  
100 TYGART DRIVE GRAFTON, WV 26354  
Complete Address

THORNTON  
Well Location  
KNOTTSTVILLE  
District  
TAYLOR  
County  
CNGD-486  
Well No.  
WARREN L. SHUMAKER, ET UX  
Farm

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JUN 12 2024

WV Department of  
Environmental Protection

STATE INSPECTOR SUPERVISING PLUGGING \_\_\_\_\_

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of MONONGALIA ss:

**KEVIN S. WRIGHT** and **MATTHEW A. YEARSLEY** being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 28<sup>th</sup> day of April, 2020 and that the well was plugged in the following manner:

Sand or Zone Record Formation	Filling Material	Casing/Tubing Size	Casing Pulled	Casing Left In
Removed 4019' of 1 1/2" tubing from surface to 4019'. Cleaned a 3 3/4" hole through 4 1/2" casing from surface to 4278'. Tagged solid plug at 4278'. Cemented bottom hole with 160 sacks of Expandable Cement with Gas Blocker Additive from 4278' to 1605'. Removed 1605' of 4 1/2" casing from surface to 1605'. Left 2773' of 4 1/2" casing from 1605' to 4378'. Cleaned a 7 7/8" hole from surface to 1605'. Tagged solid plug at 1605'. Cemented Intermediate plug from 1605' to 880' with 195 sacks of Expandable Cement. Section milled 8 5/8" casing from 465' to 490' through the Lower Kittanning Coal Seam (475' to 480'). Left 465' of 8 5/8" casing from surface to 465' and 566' from 490' to 1056'. Due to extreme 8 5/8" casing bond, no additional perforations or rips are required per the Leer Mine 101C Petition. Casing depths were taken from previous well records.		4 1/2" Casing	1605'	2773'
		8 5/8" Casing	Milled 25'	1031'
		16" Conductor	0	5'
<b>Cemented hole from 880' to surface as follows:</b> From 880' to 275' with 180 sacks of Thixotropic Cement with Green Dye. From 275' to surface with 75 sacks of Expandable Cement. Cement did circulate at surface. Used a total of 610 sacks of cement to cement the well to surface. Left 5' of 16" conductor in wellbore from surface to 5'.				
<b>Coal Seams</b>	<b>Description of Monument</b>			
Lower Kittanning Coal Seam	475' - 480'	77" of 7" casing w/ company name, well number, permit number and date cemented stated on 7" casing. Well marker will be attached to cement plug at ground level.		

... and that the work of plugging and filling said well was completed on the 9<sup>th</sup> day of May, 2020

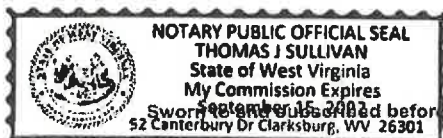
And further deponents saith not.

*Kevin S. Wright*

Kevin S. Wright

*Matthew A. Yearsley*

Matthew A. Yearsley



*[Signature]*  
Notary Public

My commission expires: 09/15/22

Permit No. 47-091-00419  
Well No. CNGD-486  
Latitude: 39° 18' 03" N  
Longitude: 79° 56' 44" W

06/28/2024

## Plugging Report for MSHA

Well Number: CNGD-486 (0419) Mine: Arch Coal - Leer Mine

Permit Number: 47-091-00419

Date Clean Out Started: 4/28/2020

Date Well Bore Plugged: 5/9/2020

Lower Kittanning Coal Seam: 475 ft. To 480 ft.

From	To	Type of Cement
4278'	1605'	Expandable Cement w/ Gas Blocker
1605'	880'	Expandable Cement
880'	275'	Thixotropic Cement w/ Green Dye
275'	Surface	Expandable Cement

### Casing Remaining In Well Bore

	Top	Bottom	Left	Pulled
Sucker Rods				
2 3/8" tubing				
4 1/2" casing	1605'	4378'	2773'	1605'
7" casing				
7" fiberglass				
8 5/8" casing	Surface	1056'	1031'	Milled 25'
11 3/4" casing				
16" Conductor	Surface	5'	5'	0

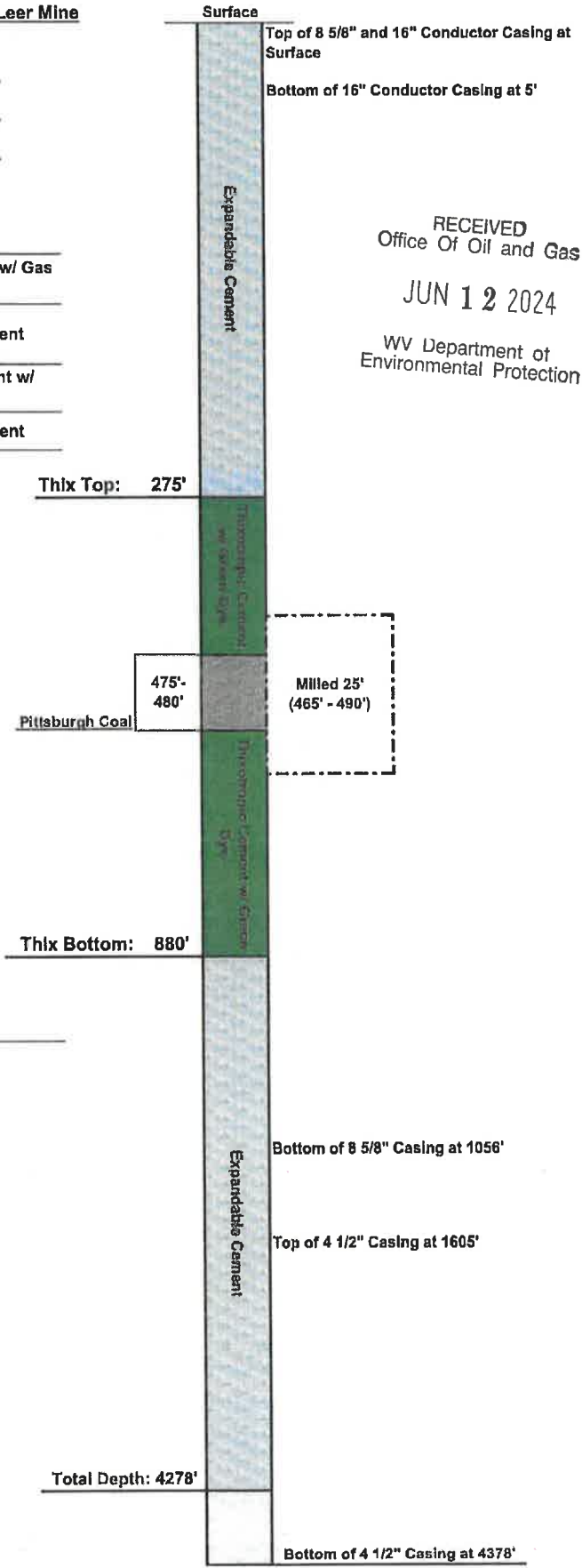
### Cement:

Expandable	430	sacks
Thixotropic	180	sacks
Econofill		sacks
Mud Flush	1000	gal
Other		
Est. Top Thix		ft
Did Cement Circ.	Yes	

### Comments:

Caving: Extreme Moderate Normal  
 Lost Circulation: Extreme Moderate Normal  
 Difficulty in Removing Casing: Extreme Moderate Normal  
 Debris In Well Bore: Wood Steel Other: \_\_\_\_\_

Surface Elevation (Surveyed)	1648'
Bottom of Coal Structure (Map)	1168'
Difference	480'



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