

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPPLICATE, 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: Frey Operator Well No.: Frey #2

LOCATION: Elevation: 1749' Quadrangle: Thornton (638)
District: Knottsville County: Taylor
Latitude: _____ Feet South of 39 Deg. 22 Min. 00 Sec.
Longitude: _____ Feet West of 79 Deg. 55 Min. 00 Sec.

Well Type: OIL _____ GAS X

Company CoalQuest Development, LLC Coal Operator 100 Tygart Drive
or Owner Grafton WV, 26354
Coal Operator _____
Agent Charles E. Duckworth or Owner _____
Permit Issued Date 05/24/2019

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Taylor ss:

Ralph K. Harman 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 23rd day of May, 2019, and the well was plugged and filled in the following manner:

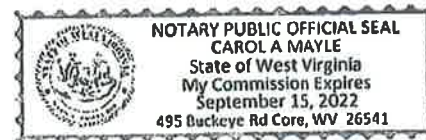
TYPE	FROM	TO	PIPE REMOVED	LEFT
Expandable Cement	5042'	2000'		
Expandable Cement	2000'	1224'		
Thixotropic w/ Green Dye	1224'	555'		
Expandable Cement	555'	Surface		
4 1/2" Casing	1855'	5190'	1855'	3335'
8 5/8" Casing	Surface	1116'	Milled 27'	1089'
16" Conductor Casing	Surface	5'	0	5'

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 12th day of June, 2019.

And further deponents saith not.

Ralph K. Harman
Matthew A. Yearsley

Sworn and subscribe before me this 20th day of June, 2019



My commission expires: 9-15-22

Carol A. Mayle
Notary Public

Affidavit reviewed by the Office of Oil and Gas: Ernest L. Spayd 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

TERRY AUSTIN
Lease or Property Owner
5357 KNOTTSVILLE ROAD THORNTON, WV 26440
Address

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

THORNTON 7.5'
Well Location
KNOTSVILLE
District

TAYLOR
County
FREY #2
Well No.
Frey
Farm

STATE INSPECTOR SUPERVISING PLUGGING

Carol A. Mayle

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of MONONGALIA ss:

RALPH K. HARMAN 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 ICG Tygart Valley, LLC well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 23RD day of May, 2019 and that the well was plugged in the following manner:

Formation	Filling Material	Casing Size & Kind	Casing Pulled	Casing Left In
Cleaned a 3 3/4" hole through 4 1/2" casing from surface to 5042'. Tagged solid plug at 5042'. Cemented bottom hole with 190 sacks of Expandable Cement with gas blocker additive from 5042' to 2000'. Removed 1855' of 4 1/2" casing from surface to 1855'. Left 3335' of 4 1/2" casing from 1855' to 5190'. Cleaned a 6 1/2" hole from surface to 1855'. Section milled 8 5/8" casing from 745' to 772' through the Lower Kittanning Coal Seam from 755' to 762'. Left 745' of 8 5/8" casing from surface to 745' and left 344' from 772' to 1116'. Due to extreme bond of 8 5/8" casing no additional perforations or rips required per Leer Mines 101C Petition.		4 1/2" Casing	1855'	3335'
		8 5/8" Casing	Milled 27'	1089'
		16" Conductor Casing	0	5'
<u>Cemented hole from 2000' to surface as follows:</u> From 2000' to 1224' with 190 sacks of Expandable Cement. From 1224' to 555' with 210 sacks of Thixotropic Cement with Green Dye. From 555' to surface with 120 sacks of Expandable Cement. Cement did circulate at surface.				
<u>Coal Seams</u>	<u>755' - 762'</u>	<u>Description of Monument</u>		
<u>LOWER KITTANNING</u>		77" of 7" casing w/company name, well number, permit number and date cemented stated on 7" casing. Well marker will be attached to the cement plug at ground level.		

... And that the work of plugging and filling said well was completed on the 12th day of June, 2019

And further deponents saith not.

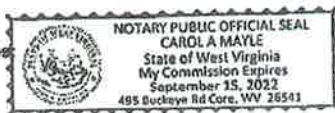
Ralph K. Harman
Ralph K. Harman

Matthew A. Yearsley
Matthew A. Yearsley

Sworn to and subscribed before me this 26th day of June 2019

Carol A. Mayle
Notary Public

My commission expires



Permit No. 47-091-00808
Well No. Frey #2
Latitude: 39° 22' 00"
Longitude: 79° 56' 00"

Plugging Report for MSHA

Well Number: Frey #2 Mine: Arch Coal - Leer Mine
 Permit Number: 47-091-00808
 Date Clean Out Started: 6/23/2019
 Date Well Bore Plugged: 6/12/2019
 Lower Kittanning Coal Seam: 755' ft. To 762' ft.

Plugs:	From	To	Type of Cement
	<u>5042</u>	<u>2000'</u>	<u>Expandable Cement</u>
	<u>2000'</u>	<u>1224'</u>	<u>Expandable Cement</u>
	<u>1224'</u>	<u>555'</u>	<u>Thixotropic Cement w/ Green Dye</u>
	<u>555'</u>	<u>Surface</u>	<u>Expandable Cement</u>

Casing Remaining in Well Bore

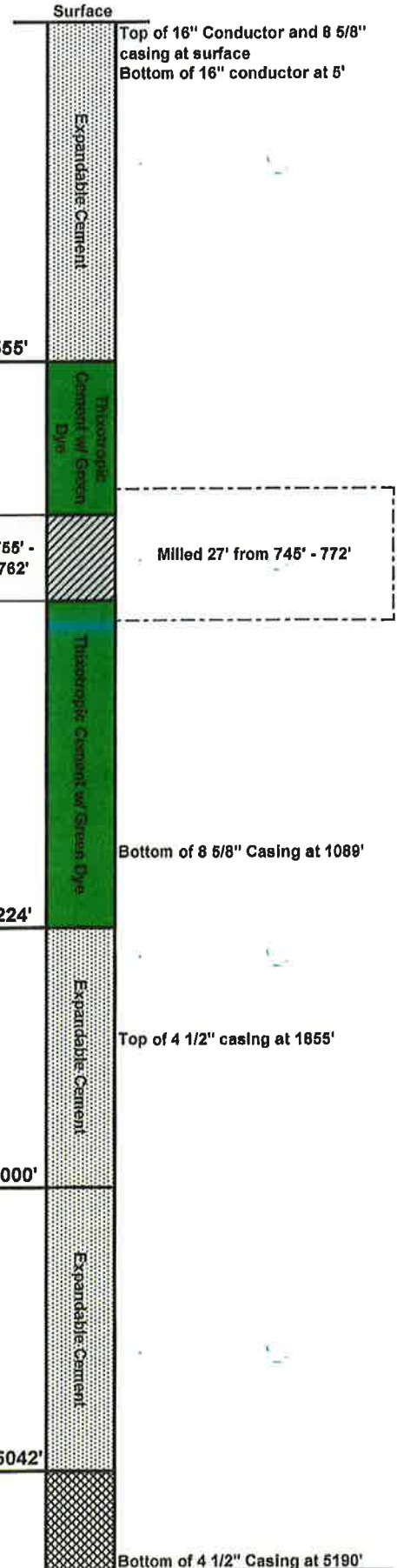
	Top	Bottom	Left	Pulled
1 1/2" tubing				
2 3/8" tubing				
4 1/2" casing	1855'	5190'	3336'	1855'
7" casing				
9 5/8" casing				
8 5/8" casing	Surface	1118'	1089'	Milled 27'
13 3/8" casing				
16" conductor casing	Surface	5'	5'	0'
Other				

Cement:

Expansive	<u>500</u>	sacks
Thixotropic	<u>210</u>	sacks
Econofill		sacks
Mud Flush	<u>1000</u>	Gal.
Other		
Est. Top Thix		
Did Cement Circ.	<u>Yes</u>	

Comments:

Caving: Extreme Moderate Normal
 Lost Circulation: Extreme Moderate Normal
 Difficulty In Removing Casing: Extreme Moderate Normal Does not apply
 Debris In Well Bore: Wood Steel Other: _____



Total Depth: 5042'