

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: Poling Operator Well No.: J-1293

LOCATION: Elevation: 1550' Quadrangle: Thornton
District: Knottsville County: Taylor
Latitude: 39.302693 Feet South of 39 Deg. 18 Min. 09 Sec.
Longitude: -79.962036 Feet West of -79 Deg. 57 Min. 44 Sec.

Well Type: OIL GAS

Company ICG Tygart Valley, LLC Coal Operator CoalQuest Development, LLC
100 Tygart Drive or Owner 100 Tygart Drive
Grafton, WV 26354 Grafton, WV 26354
Coal Operator
Agent _____ or Owner _____
Permit Issued Date _____

AFFIDAVIT

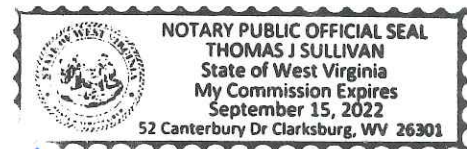
STATE OF WEST VIRGINIA,
County of Monongalia ss:

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 27th day of July, 2020, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Expandable Cement w/ Gas Blocker	2525'	1070'		
Thixotropic Cement w/ Green Dye	1070'	305'		
Expandable Cement	305'	Surface		
1 1/2" Tubing	2525'	Unknown	2525'	Unknown
4 1/2" Casing	1070'	5091'	1070'	4021'
8 5/8" Casing	Surface	1062	Milled 26.7'	1035.3'
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 18th day of August, 2020.

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



Sworn and subscribe before me this 26th day of Aug, 2020

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

Affidavit reviewed by the Office of Oil and Gas: _____ Title: _____

Plugging Report for MSHA

Well Number: J-1293 (0535) Mine: Arch Coal - Leer Mine

Permit Number: 47-091-00535

Date Clean Out Started: 7/27/2020

Date Well Bore Plugged: 8/18/2020

Lower Kittanning Coal Seam: 505.9 ft. To 512.6 ft.

From	To	Type of Cement
2525'	1070'	Expandable Cement w/ Gas Blocker
1070'	305'	Thixotropic Cement w/ Green Dye
305'	Surface	Expandable Cement

Casing Remaining in Well Bore

	Top	Bottom	Left	Pulled
Sucker Rods				
1 1/2" Tubing	2525'	Unknown	Unknown	2525'
4 1/2" Casing	1070'	5091'	4021'	1070'
7" Casing				
7" Fiberglass				
8 5/8" Casing	Surface	1062'	1035.3'	Milled 26.7'
11 3/4" Casing				
16" Conductor	Surface	5'	5'	0

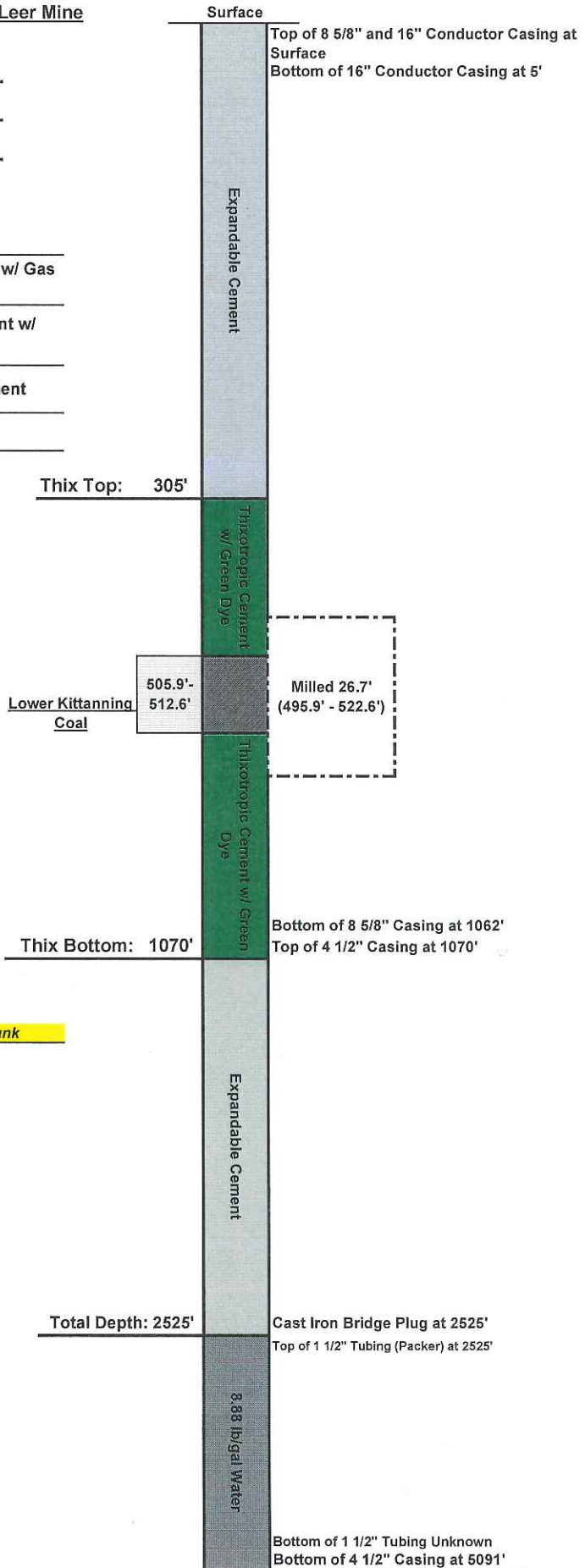
Cement:

Expandable	<u>195</u>	sacks
Thixotropic	<u>225</u>	sacks
Econofill		sacks
Mud Flush	<u>1000</u>	gal
Other		
Est. Top Thix		ft
Did Cement Circ.	<u>Yes</u>	

Comments:

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

Surface Elevation (Surveyed)	<u>1550</u>
Bottom of Coal Structure (Map)	<u>1037.4</u>
Difference	<u>512.6'</u>



Note: All depths shown were measured from 10' above the surface.

AFFIDAVIT OF PLUGGING AND FILLING WELL

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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
GEORGE D. & NATHAN POLING
Lease or Property Owner
395 CURRENT STREET GRAFTON, WV 26354
Address

ICG TYGART VALLEY, LLC
Name of Well Operator
100 TYGART DRIVE GRAFTON, WV 26354
Complete Address
THORNTON
Well Location
KNOTTSVILLE
District
TAYLOR
County
J-1293
Well No.
POLING
Farm

STATE INSPECTOR SUPERVISING PLUGGING _____

AFFIDAVIT

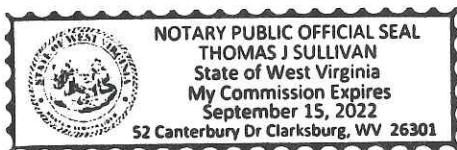
STATE OF WEST VIRGINIA,
County of MONONGALIA ss:

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 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 27th day of July, 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 2525' of 1 1/2" tubing from surface to 2525' (Top of Packer). Several attempts were made to retrieve the packer but all attempts were unsuccessful. Left an unknown amount of 1 1/2" tubing in the hole from 2525' to an unknown depth. WV DEP State Inspector approved the setting of a cast iron bridge plug above the 1 1/2" tubing packer at 2525'. Cemented bottom hole with 90 sacks of Expandable Cement with Gas Blocker Additive from 2525' to 1070'. Removed 1070' of 4 1/2" casing from surface to 1070'. Left 4021' of 4 1/2" casing in the hole from 1070' to 5091'. Cleaned a 7 7/8" hole from surface to 1070'. Tagged solid plug at 1070'. Section milled 8 5/8" casing from 495.9' to 522.6' through the Lower Kittanning Coal Seam (505.9' to 512.6'). Left 1035.3' of 8 5/8" casing from surface to 495.9' and 539.4' from 522.6' to 1062'. Due to extreme 8 5/8 casing bond, no additional perforations or rips are required per the Leer Mine 101C Petition. All electronic logs were measured 10' above the surface. Bottom of 4 1/2" casing was taken from previous well records.		1 1/2" Tubing	2525'	Unknown
		4 1/2" Casing	1070'	4021'
		8 5/8" Casing	Milled 26'	1035.3'
		16" Conductor	0'	5'
<u>Cemented hole from 1070' to surface as follows:</u> From 1070' to 305' with 225 sacks of Thixotropic Cement with Green Dye. From 305' to surface with 105 sacks of Expandable Cement. Cement did circulate at surface. Used a total of 330 sacks of cement to cement the well to surface. Left 5' of 16" conductor in wellbore from surface to 5'.				
Coal Seams	Description of Monument			
<u>Lower Kittanning Coal Seam</u>	505.9' – 512.6'			
	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 18th day of August, 2020

And further deponents saith not.



Kevin S. Wright

Kevin S. Wright

Matthew A. Yearsley

Matthew A. Yearsley

Sworn to and subscribed before me this 26th day of Aug, 2020

[Signature]

Notary Public

My commission expires: 09/15/22

Permit No. 47-091-00535
Well No. J-1293
Latitude: 39° 18' 09" N
Longitude: -79° 57' 44" W