

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: McCartney, Claude R Operator Well No.: McCartney 1

LOCATION: Elevation: 1670' Quadrangle: Thornton (638)
District: Knottsville County: Taylor
Latitude: _____ Feet South of 39 Deg. 20 Min. 0 Sec.
Longitude: _____ Feet West of 79 Deg. 55 Min. 0 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 09/18/18

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Taylor ss:

Ralph K. Harman and Kevin S. Wright 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 21st day of September, 2018, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Expandable	5326'	980'		
Thixotropic	980'	372'		
Expandable	372'	Surface		
4 1/2"	1287'	5372'	1287'	4085'
7"	Surface	1769'	Milled 29'	1740'
9 5/8"	Surface	462"	0'	462'
13 3/8"	Surface	42'	0'	42'

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 8th day of October, 2018.

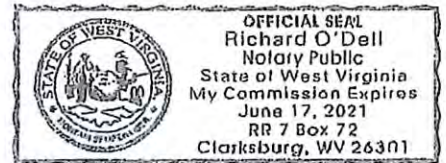
And further deponents saith not. [Signature]

Sworn and subscribe before me this 22nd day of October, 2018.

My commission expires: 06/17/2021

Notary Public

Affidavit reviewed by the Office of Oil and Gas: [Signature]



RECEIVED
Office of Oil and Gas
Title: OIL P605 INSPECTION

OCT 26 2018

Plugging Report for MSHA

Well Number: McCartney 1 Mine: ICG Tygart Valley, LLC
 Permit Number: 47-091-0128P
 Date Clean Out Started: 9/21/2018
 Date Well Bore Plugged: 10/8/2018
 Lower Kittanning Coal Seam: 572 ft. To 580 ft.

Plugs:

From	To	Type of Cement	
5328'	1287'	Expandable Cement	
1287'	980'	Expandable Cement	
980'	372'	Thixotropic Cement with green dye	Thix Top: 372'
372'	Surface	Expandable Cement	

Casing Remaining in Well Bore

	Top	Bottom	Left	Pulled
1 1/2" tubing				
2 3/8" tubing				
4 1/2" casing	1287'	5372'	4085'	1287'
7" casing	Surface	1769'	1740'	Milled 29'
9 5/8" casing	Surface	462'	462'	0'
13 3/8" casing	Surface	42'	42'	0
16" conductor				
Other				

Lower Kittanning Coal

572' to 580' Milled 29' 562' to 591'

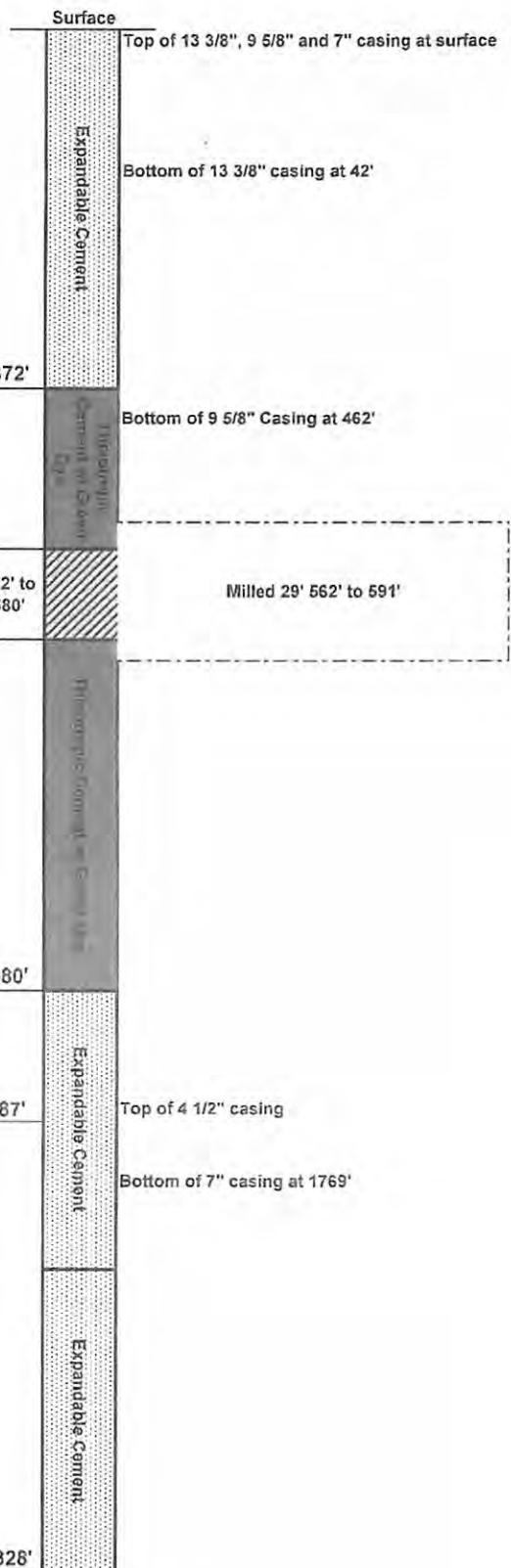
Cement:

Expansive	325	sacks	Thix Bottom: 980'
Thixotropic	115	sacks	
Econofill		sacks	
Mud Flush	1000	Gal.	
Other			
Est. Top Thix	372		
Did Cement Circ.	Yes		1287'

Comments:

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

Total Depth: 5328'



Supplemental

FORM WR-38
(Affidavit of Plugging)

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS WELLS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, 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
TIMOTHY B. CARR
Lease or Property Owner
6181 KNOTTSVILLE ROAD THORNTON, WV 26440
Address

ICG TYGART VALLEY, LLC
Name of Well Operator
100 TYGART DRIVE, GRAFTON, WV 26354
Complete Address
THORNTON (638)
Well Location
KNOTTSVILLE
District
TAYLOR
County
MCCARTNEY 1
Well No.
MCCARTNEY, CLAUDE R.
Farm

STATE INSPECTOR SUPERVISING PLUGGING _____
AFFIDAVIT

STATE OF WEST VIRGINIA,
County of MONONGALIA ss:

RALPH K. HARMAN and KEVIN S. WRIGHT 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 21st day of September, 2018 and that the well was plugged in the following manner:

Formation	Filling Material	Casing Size & Kind	Casing Pulled	Casing Left in
Cleansed 3 3/4" hole through 4 1/2" casing from surface to 5328'. Tagged solid plug at 5328'. Cemented bottom hole with 240 sacks of expandable cement with gas blocker additive from 5328' to 1287'. Removed 1287' of 4 1/2" casing from surface to 1287'. Left 4085' of 4 1/2" casing from 1287' to 5372'. Cleansed 6 1/4" hole from surface to 1287'. Tagged solid plug at 1287'. Due to extreme bond of 7" casing. Section milled 7" casing from 562' to 591' through the lower Kittanning Coal Seam (572' to 580'). Left 562' of 7" casing from surface to 562' and 1178' from 591' to 1769'. no additional perforations or rips required per Leer Mines 101C Petition. Casing depths were taken from previous well records.	Cemented hole from 1287' back to surface as follows: From 1287' to 980' with 40 sacks expandable cement. From 980' to 372' with 115 sacks of Thixotropic cement with green dye. From 372' to surface with 45 sacks of expandable cement. Cement did circulate at surface.	4 1/2"	1287'	4085'
		7"	Milled 29'	1740'
		9 5/8"	0'	462'
		13 3/8"	0'	42'
Coal Seams		Description of Monument		
<u>LOWER KITTANNING</u>	572' - 680'	77" of 7" casing w/company name, well number,		
(Name)		permit number and date cemented stated on 7"		
(Name)		casing. Well marker will be attached to the		
(Name)		cement plug at ground level.		

... And that the work of plugging and filling said well was completed on the 8th day of October, 2018

And further deponents saith not.

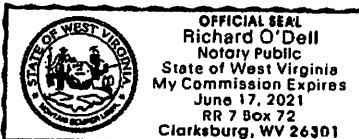
Ralph K. Harman
Ralph K. Harman

Kevin S. Wright
Kevin S. Wright

Sworn to and subscribed before me this 22nd day of October, 2018

Richard O'Dell
Notary Public

My commission expires:
06/17/2021



Permit No. 47-091-01128P
Well No. McCartney 1
Latitude: 39° 20' 0"
Longitude: 79° 55' 0"