

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



ORIGINAL

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: Haislip Estate Operator Well No.: J-1217

LOCATION: Elevation: 1640' Quadrangle: Thornton (638)
District: Knottsville County: Taylor
Latitude: _____ Feet South of 39 Deg. 17 Min. 24 Sec.
Longitude: _____ Feet West of 79 Deg. 59 Min. 00 Sec.

Well Type: OIL _____ GAS X

Company CoalQuest Development, LLC Coal Operator 100 Tygart Drive
or Owner Grafton WV, 26354

Agent Charles E. Duckworth Coal Operator _____
or Owner _____

Permit Issued Date 5/14/2018

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Taylor ss:

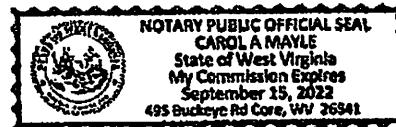
Ralph K. Harman and Kevin S. Wright being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well say that said work was commenced on the 24th day of July, 2017, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Expandable	620'	1232'		
Thixotropic	1232'	492'		
Expandable	492'	Surface		
1 1/2" tubing	Surface	6188'	6188'	0'
4 1/2"	Surface	8312'	2760'	2562'
8 5/8"	Surface	1206'	Milled 39'	1167'
16" Conductor	Surface	6'	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 10th day of August, 2018.

And further deponents saith not.

Ralph K. Harman
Kevin S. Wright



Sworn and subscribe before me this 16th day of Aug, 2018

My commission expires: 9-13-22

Carol A Mayle
Notary Public

Affidavit reviewed by the Office of Oil and Gas: Samuel K. Reynolds Title: INSPECTOR

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AUG 17 2018
08/24/2018

Plugging Report for MSHA

Well Number: J-1217 Mine: ICG Tygart Valley, LLC
 Permit Number: 47-091-00494
 Date Clean Out Started: 7/24/2018
 Date Well Bore Plugged: 8/10/2018
 Lower Kittanning Coal Seam: 693 ft. To 697 ft.

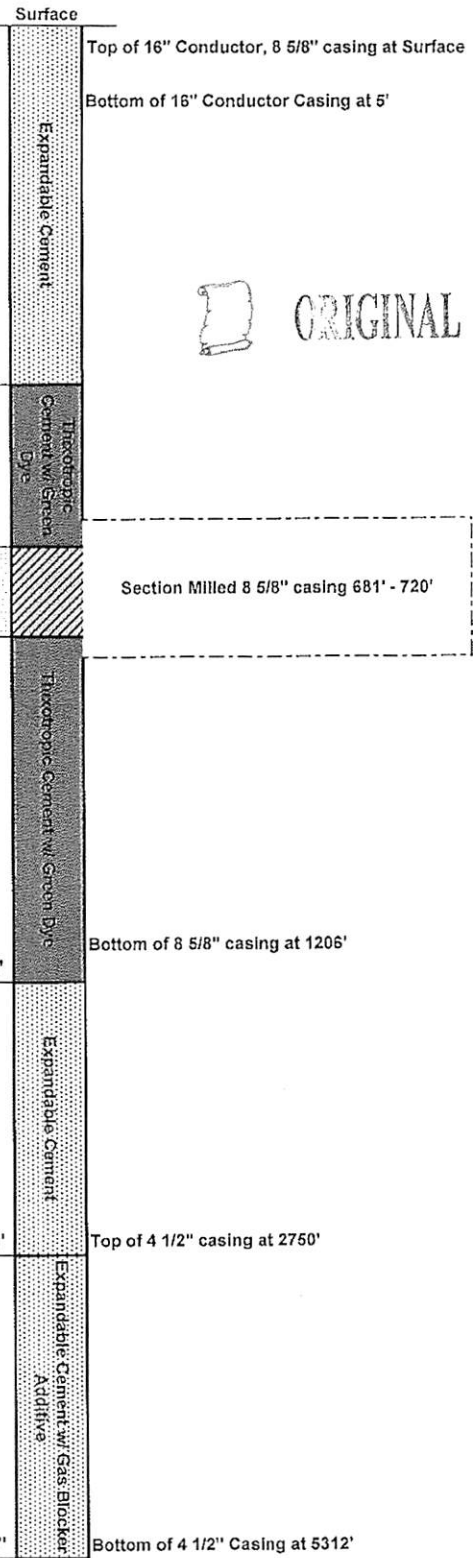
Plugs:	From	To	Type of Cement
	5207'	2750'	Class A Expandable Cement with Gas Blocker
	2750'	1232'	Expandable Cement
	1232'	492'	Thixotropic Cement with green dye
	492'	Surface	Expandable Cement

Thix Top: 492'

Thix Bottom: 1232'

2750'

Total Depth: 5207'



ORIGINAL

Casing Remaining in Well Bore

	Top	Bottom	Left	Pulled
1 1/2" tubing	Surface	5166'	0'	5156'
2 3/8" tubing				
4 1/2" casing	Surface	5312'	2562'	2750'
7" casing				
8 5/8" casing	Surface	1206'	1167'	Milled 39'
9 5/8" casing				
11 3/4" casing				
16" conductor casing	Surface	5'	5'	0'
Other				

Lower Kittanning Coal

Section Milled 8 5/8" casing 681' - 720'

Bottom of 8 5/8" casing at 1206'

Top of 4 1/2" casing at 2750'

Bottom of 4 1/2" Casing at 5312'

Cement:

Expansive	660	sacks
Thixotropic	215	sacks
Econofill		sacks
Mud Flush	1000	Gal.
Other		
Est. Top Thix	492'	
Did Cement Circ.	Yes	

Comments:

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

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AUG 17 2018

08/24/2018
WV Department of
Environmental Protection

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 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
CHARLES E. HAISLIP
Lease or Property Owner
1682 FAIRMONT AVENUE FAIRMONT, WV 26554
Address

IGG TYGART VALLEY, LLC
Name of Well Operator
100 TYGART DRIVE, GRAFTON, WV 26354
Complete Address
THORNTON (88)
Well Location
KNOXTSVILLE
District
TAYLOR
County
J-1217
Well No.
HAISLIP ESTATE
Farm



ORIGINAL

STATE INSPECTOR SUPERVISING PLUGGING

Conrad C. Reynolds

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 IGG Tygart Valley, LLC well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 24th day of July, 2018 and that the well was plugged in the following manner:

Formation	Filling Material	Casing Size & Kind	Casing Pulled	Casing Left In
Removed 5156' of 1 1/2" tubing from surface to 5156'. Cleaned 3 3/4" hole through 4 1/2" casing from surface to 5207'. Tagged plug at 5207'. Cemented bottom hole with 175 sacks of Expandable cement with gas blocker additive from 5207' to 2750'. Removed 2750' of 4 1/2" casing from the surface to 2750'. Left 2562' of 4 1/2" casing from 2750' to 5312'. Cleaned 7 7/8" hole from surface to 2750'. Set intermediate plug from 2750' to 1232' with 375 sacks of Expandable cement. Section milled 8 5/8" casing from 681' to 720' through the Lower Kittanning Coal Seam (693' to 697'). Left 681' of 8 5/8" casing from surface to 681' and 488' from 720' to 1206'. Due to extreme bond of 8 5/8" casing, no additional perforations or rips were required per Leer Mine's 101C Petition. Casing depths were taken from previous well records. Cemented hole from 1232' back to surface as follows: From 1232' to 492' with 215 sacks of Thixotropic cement with green dye. From 492' to the surface with 110 sacks of Expandable cement. Cement did circulate at the surface. Left 5' of 16" conductor from the surface to 5'.	1 1/2" Tubing	5156'	0'	
		4 1/2"	2750'	2562'
		8 5/8"	Milled 39'	1167'
		16" Conductor	0'	5'
Coal Seams		Description of Monument		
LOWER KITTANNING	693' to 697'	77" of 7" casing w/company name, well number, permit number and date cemented eteled 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 10th day of August, 2018

And further deponents saith not.

Ralph K. Harman
Ralph K. Harman

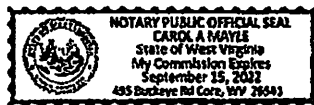
Kevin S. Wright
Kevin S. Wright

Sworn to and subscribed before me this 16th day of Aug 2018

Conrad A. Mayle
Notary Public

My commission expires: 9-15-22

Permit No. 47-91-90484-P
Well No. J-1217
Latitude: 39° 17' 24"
Longitude: 79° 59' 00"



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Office of Oil and Gas

AUG 17 2018

WV Department of Environmental Protection
08/24/2018