

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: Charles Gough Operator Well No.: 462

LOCATION: Elevation: 1628.90' Quadrangle: Thornton (638)
District: Knottsville County: Taylor
Latitude: _____ Feet South of 39 Deg. 18 Min. 45 Sec.
Longitude: _____ Feet West of 79 Deg. 59 Min. 53 Sec.

Well Type: OIL _____ GAS X

Company ICG Tygart Valley, LLC Coal Operator 100 Tygart Drive
or Owner Grafton WV, 26354
Coal Operator _____
Agent Charles Duckworth or Owner _____
Permit Issued Date 08/10/2016

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Taylor ss:

Michael W. Campbell 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 8th day of August, 2016, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Expandable	5580'	919'		
Thixotropic	919'	574'		
Expandable	574'	Surface		
4 1/2"	1210'	Unknown	1210'	Unknown
8 5/8"	Surface	977'	Milled 29'	948'
16" Conductor	Surface	20'	0'	20'

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WV Department of
Environmental Protection

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 24th day of August, 2016.

And further deponents saith not.

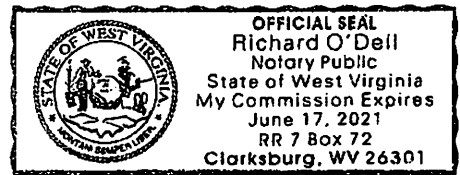
[Signature]

[Signature]

Sworn and subscribe before me this 26th day of March, 2018

My commission expires: 06/17/2021

[Signature]
Notary Public



Affidavit reviewed by the Office of Oil and Gas: [Signature] Title: OIL & GAS INSPECTOR

COPY

Logging Report for MSHA

Well Number: 47-091-00462-00-00 Mine: ICG Tygart Valley, LLC
 Permit Number: 47-91-00462-P
 Date Clean Out Started: 8/8/2016
 Date Well Bore Plugged: 8/24/2016
 Lower Kittanning Coal Seam: 774 ft. To 779 ft.

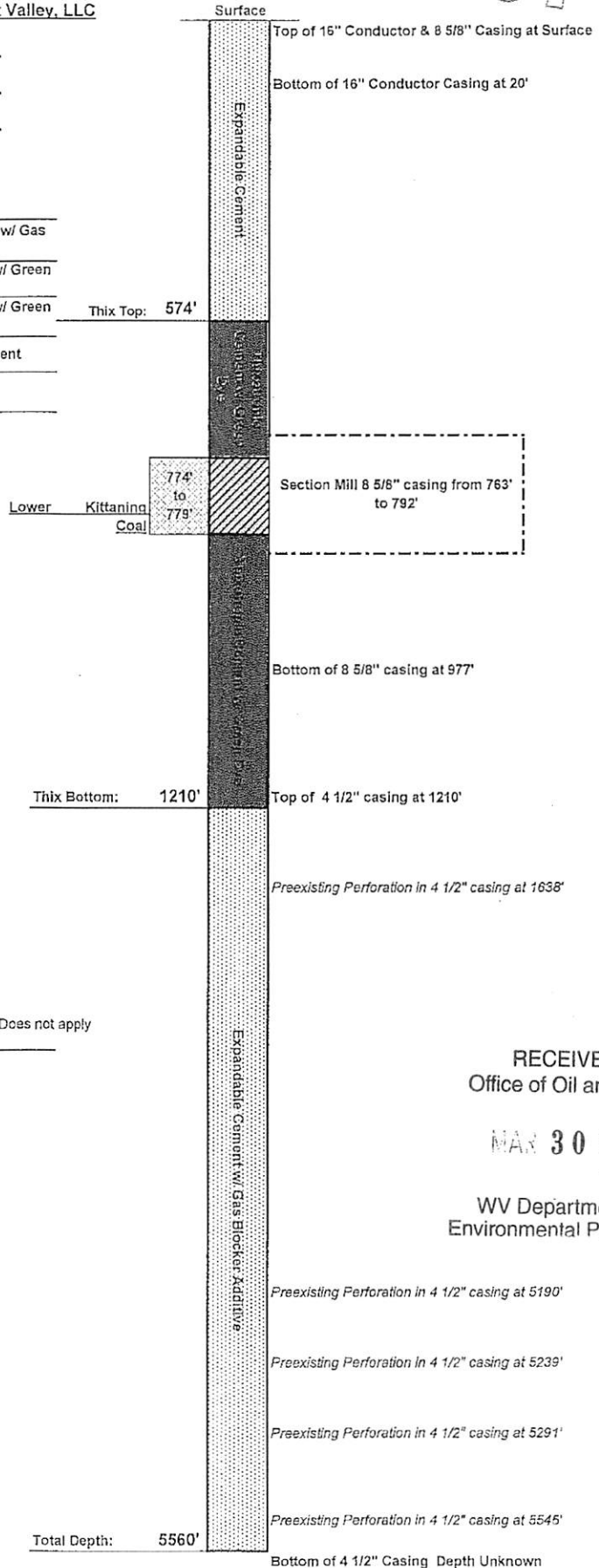
From	To	Type of Cement
5560'	1210'	Expandable Cement w/ Gas Blocker
1210'	919'	Thixotropic Cement w/ Green Dye
919'	574'	Thixotropic Cement w/ Green Dye
574'	Surface	Expandable Cement

Casing Remaining in Well Bore

	Top	Bottom	Left	Pulled
1 1/2" tubing				
2 3/8" tubing				
4 1/2" casing	1210'	Unknown	Unknown	1210'
7" casing				
8 5/8" casing	Surface	977'	948'	Milled 29'
11 3/4" casing				
16" conductor casing	Surface	20'	20'	0'
Other				

Cement:		
Expansive	400	sacks
Thixotropic	240	sacks
Econofill	0	sacks
Mud Flush	1000	Gal.
Other		
Est. Top Thix	574'	
Did Cement Circ.	Yes	

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: _____



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FORM WR-38
(Affidavit of Plugging)

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
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
2708 CRANBERRY SQUARE MORGANTOWN, WV 26508
Address
COALQUEST DEVELOPMENT, LLC
Coal Operator or Owner
2708 CRANBERRY SQUARE MORGANTOWN, WV 26508
Address
CHARLES N. & BETTY J. GOUGH
Lease or Property Owner
203 ROCKET CENTER ROAD, KEYSER, WV 26726
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
47-091-00462-00-00
Well No.
GOUGH, CHARLES N. ETUX.
Farm

STATE INSPECTOR SUPERVISING PLUGGING

[Signature]

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of MONONGALIA ss:

MICHAEL CAMPBELL 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 8th day of August, 2016 and that the well was plugged in the following manner:

Formation	Filling Material	Casing Size & Kind	Casing Pulled	Casing Left In
Tripped in hole with 2 3/8" drill pipe and tagged solid plug at 5560'. Cemented bottom hole plug from 5560' to 1210' with 275 sacks of Expandable Cement with Gas Blocker additive. Removed 1210' of 4 1/2" casing from Surface to 1210'. Left an unknown amount of 4 1/2" casing in the hole from 1210' to an unknown depth. Remaining 4 1/2" casing had preexisting perforations at the following depths: 5545', 5291', 5239', 5190', and 1638'. Cleaned 7 7/8" hole through 8 5/8" casing from Surface to 1210'. Tagged bottom hole plug at 1210'. Cemented intermediate plug from 1210' to 919' with 130 sacks of Thixotropic Cement with green dye. Section milled 29' of 8 5/8" casing from 783' to 792'. Section milled through Lower Kittanning Coal seam from 774' to 779'. Due to extreme bond, left 948' of 8 5/8" casing in the hole from Surface to 977'. Tagged top of intermediate plug with 7 7/8" bit at 919'. Left 20' of 16" conductor casing in the hole from Surface to 20'.		16" Conductor Casing	0'	20'
		8 5/8" Casing	Milled 29'	948'
		4 1/2" Casing	1210'	Unknown
Cemented hole from 919' back to Surface as follows: From 919' to 564' with 110 sacks of Thixotropic Cement with green dye. From 564' back to the Surface with 125 sacks of Expandable Cement. Cement did circulate at the Surface.				
Coal Seams		Description of Monument		
<u>LOWER KITTANNING</u>	<u>774' to 779'</u>	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 24th day of August, 2016

And further deponents saith not.

[Signature]
Michael Campbell

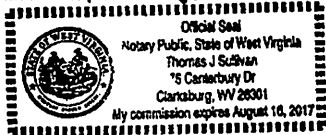
[Signature]
Kevin S. Wright

Sworn to and subscribed before me this 28th day of August 2016

[Signature]
Notary Public

RECEIVED
Office of Oil and Gas

My commission expires: 08/16/17



Permit No. 47-91-00462-P
Well No. 47-091-00462-00-00

MAR 30 2018

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Environmental Protection