## 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 Gougl	า	Operator Well	No.: 462			
	ATION: Elevation: 1628.90'			Thornton (			
District: Knottsville			County:	Taylor	·		
	Latitude:			18 <sub>Min.</sub>	45	Sec.	
	Landude					_	
	Longitude:	Feet vvest (	or <u>, , ,                                </u>	IVIII).		Sec.	
Well Type: C	IL GAS	<					
Company	ICG Tygart Valle	y, LLC Coal	Operator 100 Ty				
		or Ov	vner Grafto	n WV, 26354			
		Coal	Operator ——			······································	
Agent	Charles Duckw						
Permit Issue	d Date 08/10						······································
			AFFIDAN/IT				
STATE OF W	EST VIRGINIA,		AFFIDAVIT				
County of	Taylor 88:						
Michael W.	Campbell and	H Kevin	S. Wright	being first o	duly sw	orn according	o law depose
	ey are experienced in	the work of pluggir	ng and filling oil and	gas wells and	were en	nployed by the	above named
wall anamatan			and Citizens Alexander	•• •			
						d work was co	nmenced on
the 8th	and participated in theday ofAugust		and filling the ab- he well was plugge				nmenced on
				ed and filled i			mmenced on
the 8th	day ofAugust	, 20 <u>16</u> , and t	he well was plugge	ed and filled i		owing manner:	
the 8th	day ofAugust	, 20 <u>16</u> , and to	he well was plugge	ed and filled i		owing manner:	RECEIVED
TYPE Expandable Thixotropic Expandable	FROM 5560' 919' 574'	70 919' 574' Surface	PIPE RE	ed and filled i		owing manner:	
TYPE Expandable Thixotropic Expandable 4 1/2"	FROM 5560' 919' 574' 1210'	70 919' 574' Surface Unknown	PIPE RE	ed and filled i		owing manner:  LEFT  Unknown	RECEIVED Office of Oil and Gas
TYPE Expandable Thixotropic Expandable 4 1/2" 8 5/8"	FROM 5560' 919' 574' 1210' Surface	TO 919' 574' Surface Unknown 977'	PIPE RE	ed and filled i		Unknown	RECEIVED
TYPE Expandable Thixotropic Expandable 4 1/2"	FROM 5560' 919' 574' 1210' Surface	70 919' 574' Surface Unknown	PIPE RE	ed and filled i		owing manner:  LEFT  Unknown	RECEIVED Office of Oil and Gas
TYPE Expandable Thixotropic Expandable 4 1/2" 8 5/8" 16" Conductor	FROM 5580' 919' 574' 1210' Surface Surface	TO 919' 574' Surface Unknown 977' 20'	PIPE RE	ed and filled i	in the foll	Unknown 948' 20'	RECEIVED Office of Oil and Gas  WAR 3 0 2018  WV Department of Environmental Protection
TYPE Expandable Thixotropic Expandable 4 1/2" 8 5/8" 16" Conductor  Description	FROM  5560'  919'  574'  1210'  Surface  Surface	TO 919' 574' Surface Unknown 977' 20'	PIPE RE  12  Mille  (13, API #, and date cement	ed and filled i	in the foll	Unknown	RECEIVED Office of Oil and Gas  WAR 3 0 2018  WV Department of Environmental Protection
TYPE Expandable Thixotropic Expandable 4 1/2" 8 5/8" 16" Conductor  Description	FROM 5580' 919' 574' 1210' Surface Surface	TO 919' 574' Surface Unknown 977' 20'	PIPE RE  12  Mille  13, API #, and date cements  2016.	ed and filled i	in the foll	Unknown 948' 20'	RECEIVED Office of Oil and Gas  INTER 3 0 2018  WV Department of Environmental Protection ing and filling
TYPE Expandable Thixotropic Expandable 4 1/2" 8 5/8" 16" Conductor  Description said well was a	FROM  5560'  919'  574'  1210'  Surface  Surface	TO 919' 574' Surface Unknown 977' 20'	PIPE RE  12  Mille  13, API #, and date cements  2016.	ed and filled i	in the foll	Unknown 948' 20'	RECEIVED Office of Oil and Gas  WY Department of Environmental Protection ing and filling  OFFICIAL SEAL Richard O'Dell
TYPE Expandable Thixotropic Expandable 4 1/2" 8 5/8" 16" Conductor  Description said well was a	FROM 5560' 919' 574' 1210' Surface Surface Of monument: 77" of 7" case completed on the	TO 919' 574' Surface Unknown 977' 20'	PIPE RE  12  Mille  13, API #, and date cementst , 2016.	ed and filled i	in the foll	Unknown 948' 20'	RECEIVED Office of Oil and Gas  WV Department of Environmental Protection ing and filling  OFFICIAL SEAL Richard O'Dell Notory Public State of West Virginia
TYPE Expandable Thixotropic Expandable 4 1/2" 8 5/8" 16" Conductor  Description said well was a	FROM 5560' 919' 574' 1210' Surface Surface of monument: 77" of 7" cas completed on the24ti	TO 919' 574' Surface Unknown 977' 20'	PIPE RE  12  Mille  13, API #, and date cements  2016.	ed and filled i	in the foll	Unknown 948' 20'	RECEIVED Office of Oil and Gas  WV Department of Environmental Protection ing and filling  OFFICIAL SEAL Richard O'Dell Notary Public State of West Virginia My Commission Expires June 17, 2021
TYPE Expandable Thixotropic Expandable 4 1/2" 8 5/8" 16" Conductor  Description said well was a	FROM 5560' 919' 574' 1210' Surface Surface of monument: 77" of 7" cas completed on the24ti	TO 919' 574' Surface Unknown 977' 20'	PIPE RE  12  Mille  13, API #, and date cementst , 2016.	ed and filled i	in the foll	Unknown 948' 20'	RECEIVED Office of Oil and Gas  WV Department of Environmental Protection ing and filling  OFFICIAL SEAL Richard O'Dell Notary Public State of West Virginia My Commission Expires
TYPE Expandable Thixotropic Expandable 4 1/2" 8 5/8" 16" Conductor  Description said well was of And further	FROM 5580' 919' 574' 1210' Surface Surface of monument: 77" of 7" case completed on the24th	TO 919' 574' Surface Unknown 977' 20'	PIPE RE  12  Mille  13, API #, and date cementst , 2016.	MOVED  10' d 29' cled. and	in the foll	Unknown 948' 20'	RECEIVED Office of Oil and Gas  WV Department of Environmental Protection ing and filling  OFFICIAL SEAL Richard O'Dell Notary Public State of West Virginia My Commission Expires June 17, 2021 RR 7 Box 72
TYPE Expandable Thixotropic Expandable 4 1/2" 8 5/8" 16" Conductor  Description said well was a	FROM 5580' 919' 574' 1210' Surface Surface of monument: 77" of 7" case completed on the24th	TO 919' 574' Surface Unknown 977' 20'	PIPE RE  12 Mille  Mille  20  March  March	ed and filled i	in the foll	Unknown 948' 20'	RECEIVED Office of Oil and Gas  WV Department of Environmental Protection ing and filling  OFFICIAL SEAL Richard O'Dell Notary Public State of West Virginia My Commission Expires June 17, 2021 RR 7 Box 72
TYPE Expandable Thixotropic Expandable 4 1/2" 8 5/8" 16" Conductor  Description said well was of And further  Sworn and	FROM 5560' 919' 574' 1210' Surface Surface Of monument: 77" of 7" case completed on the24th deponents saith not.	TO 919' 574' Surface Unknown 977' 20'  ang with company name, we day ofAugus  Muscolinia day of	PIPE RE  12  Mille  2016.	MOVED  10' d 29' cled. and	d that th	Unknown 948' 20'	RECEIVED Office of Oil and Gas  WV Department of Environmental Protection ing and filling  OFFICIAL SEAL Richard O'Dell Notary Public State of West Virginia My Commission Expires June 17, 2021 RR 7 Box 72 Clarksburg, WV 26301
TYPE Expandable Thixotropic Expandable 4 1/2" 8 5/8" 16" Conductor  Description said well was of And further  Sworn and	FROM 5580' 919' 574' 1210' Surface Surface of monument: 77" of 7" case completed on the24th	TO 919' 574' Surface Unknown 977' 20'  ang with company name, we day ofAugus  Muscolinia day of	PIPE RE  12  Mille  2016.	ed and filled i	d that th	Unknown 948' 20'	RECEIVED Office of Oil and Gas  WV Department of Environmental Protection ing and filling  OFFICIAL SEAL Richard O'Dell Notary Public State of West Virginia My Commission Expires June 17, 2021 RR 7 Box 72

ing Report for MSHA Mine: ICG Tygart Valley, LLC 47-091-00462-00-00 Surface Well Number: Top of 16" Conductor & 8 5/8" Casing at Surface 47-91-00462-P Permit Nmber: 8/8/2016 Bottom of 16" Conductor Casing at 20' Date Clean Out Started: Expandable Cement 8/24/2016 Date Well Bore Plugged: To 779 ft. Lower Kittanning Coal Seam: 774 Plugs: From To Type of Cement Expandable Cement w/ Gas 5560' 1210' Blocker Thixatropic Cement w/ Green 1210' 919' Dye Thixatropic Cement w/ Green 574' Thix Top: 919' 574' Dye 574' Surface Expandable Cement Casing Remaining in Well Bore 774 Section Mill 8 5/8" casing from 763" Top Bottom Left Pulled to 1 1/2" tubing 2 3/8" tubing 4 1/2" casing to 792' Kittaning Lower 779 1210 Unknown Unknown 1210' 7" casing 977' 948' Milled 29' 8 5/8" casing Surface 11 3/4" casing 16" conductor Surface 20' 201 0 casing Other Bottom of 8 5/8" casing at 977" Cement: Thix Bottom: 1210' Top of 4 1/2" casing at 1210' Expansive 400 Thixatropic 240 sacks Econofill n sacks Mud Flush 1000 Gal. Preexisting Perforation in 4 1/2" casing at 1638' Other Est. Top Thix 574' Did Cement Circ. Comments: Caving: Extreme Moderate Normal Normal Lost Circulation: Extreme Moderate Normal Difficulty in Removing Casing: Does not apply Moderate Normal Extreme Debris in Well Bore: Other: Expandable Cement w/ Gas Blocker Additive Wood Steel RECEIVED Office of Oil and Gas MAR 30 2018 WV Department of **Environmental Protection** Preexisting Perforation in 4 1/2" casing at 5190'

Preexisting Perforation In 4 1/2" casing at 5239'

Preexisting Perforation in 4 1/2" casing at 5291'

Preexisting Perforation in 4 1/2" casing at 5545'

Bottom of 4 1/2" Casing Depth Unknown

5560'

Total Depth:

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

**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:

	Filling Material	Casing	Casing Pulled	Casing Left In		
Formation		Size & Kind				
	drill pipe and tagged solid plug at 5560'. Cemented b' to 1210' with 275 sacks of Expandable Cement	16" Conductor Casing	0,	20'		
with Gas Blocker additive.	Removed 1210' of 4 ½" casing from Surface to nount of 4 ½" casing in the hole from 1210' to an	8 5/8" Casing	Milled 29'	948'		
unknown depth. Remaining following depths: 5545', 52 through 8 5/8" casing from 1210'. Cemented inlemmed Thixotropic Cement with gr 783' to 792'. Section miller 779'. Due to extreme bond to 977'. Tagged top of inte conductor casing in the hol Cemented hole from 919' From 919' to 564' with 110	g 4 ½" casing had preexisting perforations at the 1911, 5239', 5190', and 1638'. Cleaned 7 7/8" hole Surface to 1210'. Tagged bottom hole plug at late plug from 1210' to 919' with 130 sacks of een dye. Section milled 29' of 8 5/8" casing from 1 through Lower Kittanning Coal seam from 774' to 1, left 948' of 8 5/8" casing in the hole from Surface mediate plug with 7 7/8" bit at 919'. Left 20' of 16"	4 1/2" Casing	1210'	Unknown		
Coal Seams		Description of Monument				
LOWER KITTANNING	774' to 779'	77" of 7" casing w/company name, well number,				
(Name)		permit number and date cemented stated on 7"				
(Name)	lame) 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.

My commission expires:

Sworn to and subscribed before me this 29th day of August 2016

mission expires: OS (1661)

Public, State of West Thomas J Suffivan 15 Carderbury Dr

Clarksburg, WV 26301 My commission expires August 16, 2017 Notary Public

RECEIVED Office of Oil and Gas

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

MAR 30 2018

WV Department of **Environmental Protection**