

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: Charles Drennan Jr. Operator Well No.: J-1295

LOCATION: Elevation: 1665' Quadrangle: Thornton (638)
District: Knottsville County: Taylor
Latitude: _____ Feet South of 39 Deg. 17 Min. 26 Sec.
Longitude: _____ Feet West of 79 Deg. 58 Min. 35 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 5/17/18

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 8th day of July, 2018, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Expandable	4911'	1170'		
Thixotropic	1170'	489'		
Expandable	489'	Surface		
4 1/2"	1790'	5593'	1790'	3803'
8 5/8"	Surface	1150'	Milled 24'	1128'
18" Conductor	Surface	5'	0'	5'

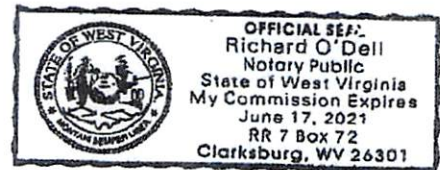
Description of monument: 77" of 7" casing with company name, well #, API #, and date cemented. and that the work of plugging and filling said well was completed on the 20th day of July, 2018.

And further deponents saith not. [Signatures]

Sworn and subscribe before me this 30th day of July, 2018

My commission expires: 06/17/2021

[Signature]
Notary Public



Affidavit reviewed by the Office of Oil and Gas: [Signature] Title: 8-1-18

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Office of Oil and Gas

AUG 01 2018

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

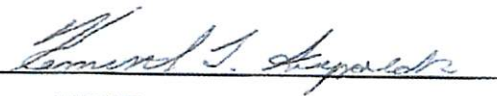
AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

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 F. JR. & BETTY DRENNAN
Lease or Property Owner
851 HAISLIP FARM ROAD GRAFTON, WV 26354
Address

ICG TYGART VALLEY, LLC
Name of Well Operator
100 TYGART DRIVE, GRAFTON, WV 26354
Complete Address
THORNTON (88)
Well Location
KNOTTSVILLE
District
TAYLOR
County
J-1295
Well No.
CHARLES DRENNAN JR.
Farm

 ORIGINAL

STATE INSPECTOR SUPERVISING PLUGGING



AFFIDAVIT

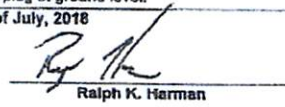
STATE OF WEST VIRGINIA,
County of MONONGALIA ss:

RALPH K. HARMAN and MATTHEW A. YEARSLEY being first duty 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 July, 2018 and that the well was plugged in the following manner:

Formation	Filling Material	Casing Size & Kind	Casing Pulled	Casing Left In
Cleaned 3 3/4" hole through 4 1/2" casing from surface to 4911'. Tagged plug at 4911'. Cemented bottom hole from 4911' to 1790' with 220 sacks of Expandable cement with gas blocker additive. Removed 1790' of 4 1/2" casing from the surface to 1790'. Left 3803' of 4 1/2" casing from 1790' to 5593'. Set intermediate plug from 1790' to 1170' with 205 sacks of Expandable cement. Cleaned 7 7/8" hole from surface to 1170'. Section milled 8 5/8" casing from 679' to 703' through the Lower Kittanning coal seam (689' - 693'). Left 679' of 8 5/8" casing from surface to 679' and 447' from 703' to 1150'. Due to extreme bond of 8 5/8" casing, no additional perforations or rips were required due to Leer Mines 101C Petition. All casing depths were taken from previous well records.	Cemented hole from 1170' back to surface as follows: From 1170' to 489' with 205 sacks of Thixotropic cement with green dye. From 489' to the surface with 125 sacks of Expandable cement. Cement did circulate at the surface. Left 5' of 16" conductor from the surface to 5'.	4 1/2"	1790'	3803'
		8 5/8"	Milled 24'	1126'
		16" Conductor	0'	5'
Coal Seams		Description of Monument		
<u>LOWER KITTANNING</u>	689' to 693'	77" of 7" casing w/company name, well number, permit number and date cemented stated on 7" casing. Well marker will be attached to the cement plug at ground level.		
(Name)				
(Name)				
(Name)				

... And that the work of plugging and filling said well was completed on the 20th day of July, 2018

And further deponents saith not.


Ralph K. Harman

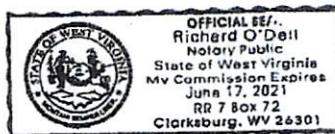

Matthew A. Yearsley

Sworn to and subscribed before me this 36th day of July, 2018


Notary Public

My commission expires:

06/17/2021



Permit No. 47-91-00634-P
Well No. J-1295
Latitude: 39° 17' 26"
Longitude: 79° 58' 35"

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AUG 01 2018

WV Department of
Environmental Protection

08/10/2018

Plugging Report for MSHA

Well Number: J-1295 Mine: ICG Tygart Valley, LLC
 Permit Number: 47-091-00534
 Date Clean Out Started: 7/8/2018
 Date Well Bore Plugged: 7/20/2018
 Lower Kittanning Coal Seam: 689 ft. To 693 ft.

From	To	Type of Cement
4911'	1790'	Class A Expandable Cement with Gas Blocker
1790'	1170'	Expandable Cement
1170'	489'	Thixotropic Cement with green dye
489'	Surface	Expandable Cement

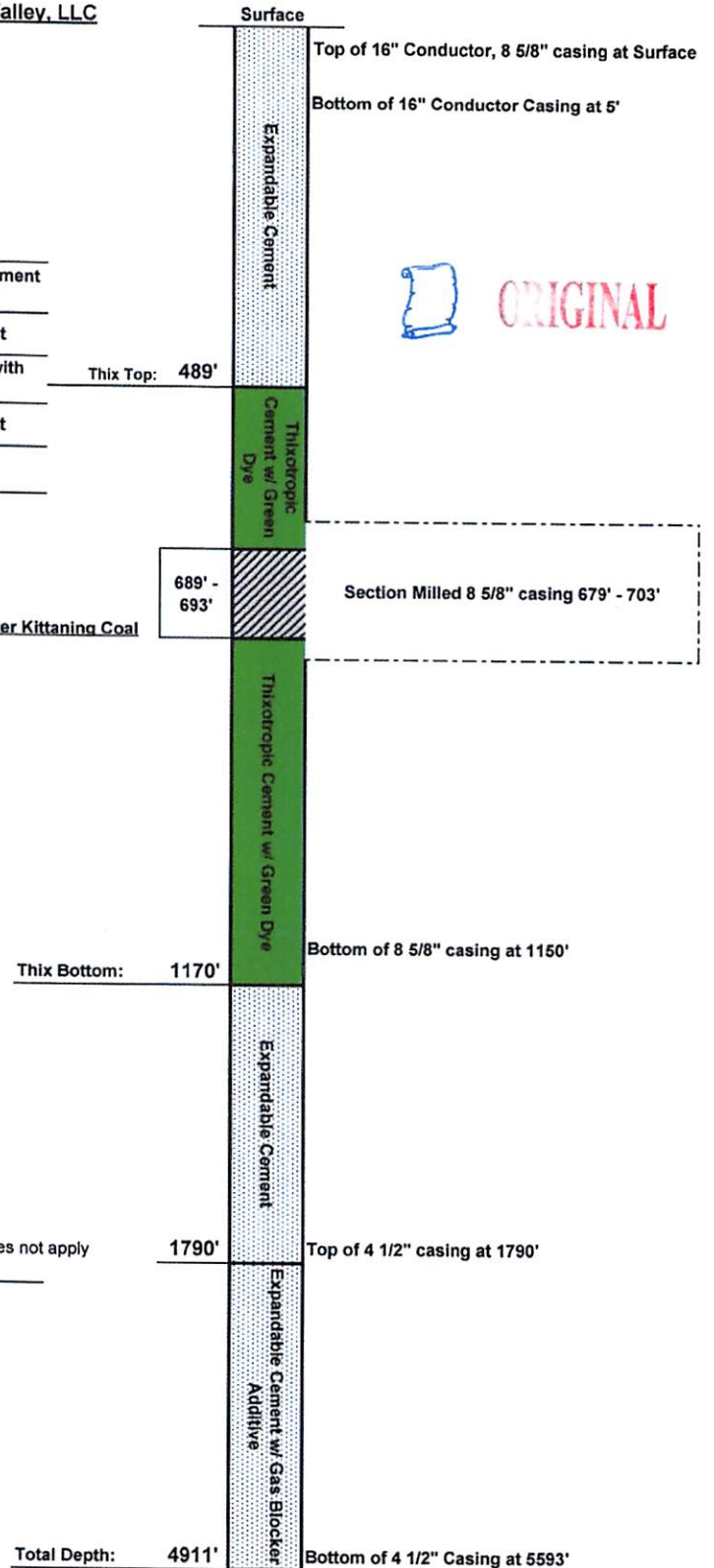
Casing Remaining in Well Bore

	Top	Bottom	Left	Pulled
1 1/2" tubing				
2 3/8" tubing				
4 1/2" casing	1790'	5593'	3803'	1790'
7" casing				
8 5/8" casing	Surface	1150'	1126'	Milled 24'
9 5/8" casing				
11 3/4" casing				
16" conductor casing	Surface	5'	5'	0'
Other				

Cement:

Expansive	550	sacks
Thixotropic	205	sacks
Econofill		sacks
Mud Flush	1000	Gal.
Other		
Est. Top Thix	489'	
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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AUG 01 2018

WV Department of
Environmental Protection

08/10/2018