

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

 COPY

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPPLICATE, 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 Operator Well No.: 1101

LOCATION: Elevation: 1617' Quadrangle: Thornton (638)
District: Knottsville County: Taylor
Latitude: _____ Feet South of 39 Deg. 17 Min. 55 Sec.
Longitude: _____ Feet West of 79 Deg. 58 Min. 59 Sec.

Well Type: OIL _____ GAS X

Company CoalQuest Development, LLC Coal Operator 100 Tygart Drive
or Owner Grafton WV, 26354
Agent Charles Duckworth Coal Operator _____
or Owner _____
Permit Issued Date 11/04/17

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Taylor ss:

Russell A. Smallwood 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 29th day of November, 2017, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Expandable	5221'	1129'		
Thixotropic	1129'	595'		
Expandable	595'	Surface		
4 1/2"			2351'	2892'
7"			Milled 28'	853'
9 5/8"			0'	30'
16" Conductor			0'	5'

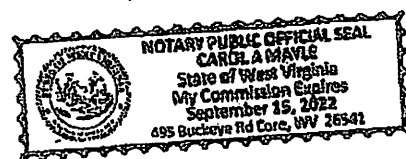
Description of monument: 7 7/8" casing with company name, well #, API #, and date cemented. and that the work of plugging and filling said well was completed on the 21st day of December, 2017.

And further deponents saith not. Russell A. Smallwood

Kevin S. Wright

Sworn and subscribe before me this 2nd day of Jan, 2018

My commission expires: 9-15-22
Carol A. Mayle
Notary Public



Affidavit reviewed by the Office of Oil and Gas: Carol L. Harwood Title: OIL & GAS INSPECTOR

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Office of Oil and Gas

MAR 23 2018

Plugging Report for MSHA

Well Number: 1101 Mine: ICG Tygart Valley, LLC
 Permit Number: 47-091-01101-P
 Date Clean Out Started: 11/29/2017
 Date Well Bore Plugged: 12/21/2017
 Lower Kittanning Coal Seam: 695 ft. To 702 ft.

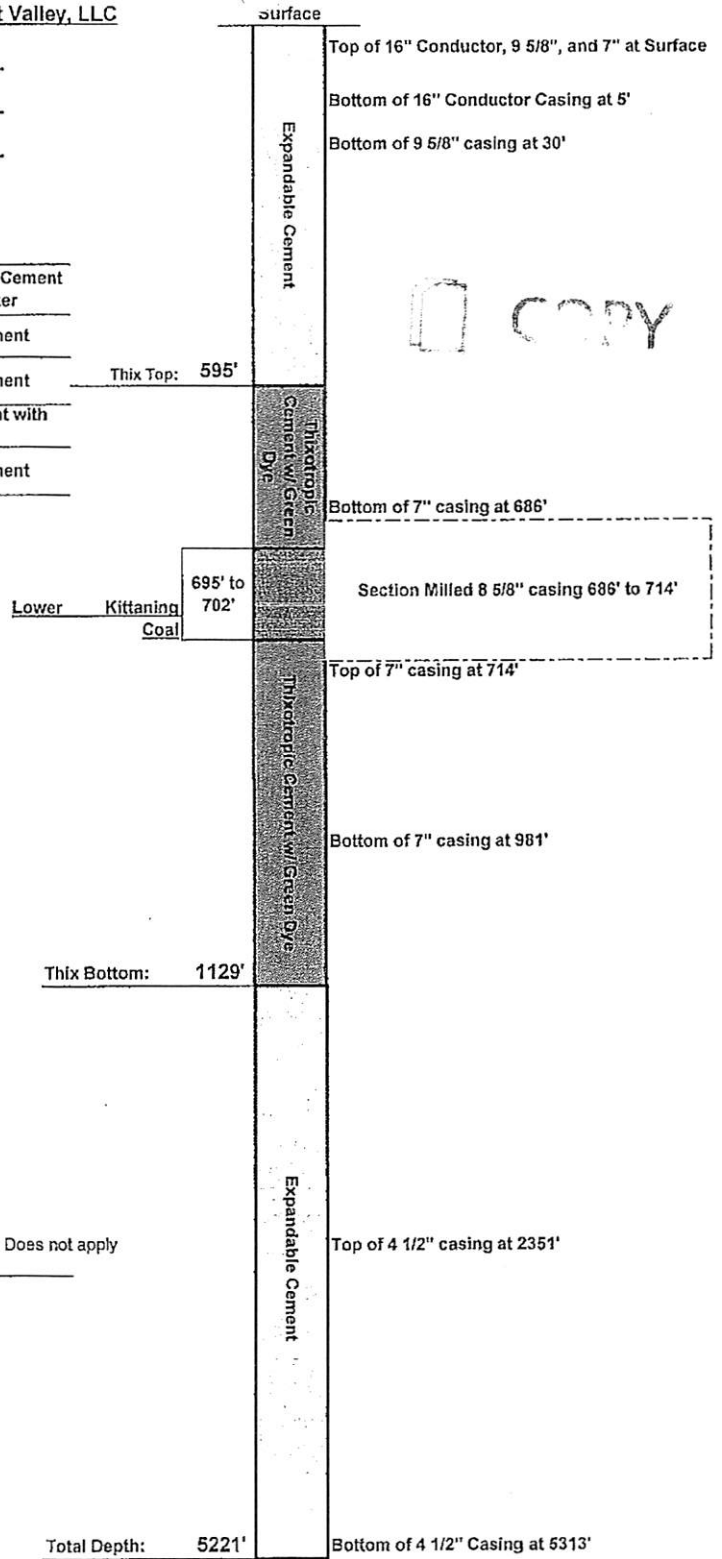
From	To	Type of Cement
5221'	2801'	Class A Expandable Cement with Gas Blocker
2801'	2351'	Expandable Cement
2351'	1129'	Expandable Cement
1129'	595'	Thixotropic Cement with green dye
595'	Surface	Expandable Cement

Casing Remaining in Well Bore

	Top	Bottom	Left	Pulled
1 1/2" tubing				
2 3/8" tubing				
4 1/2" casing	2351'	5313'	2962'	2351'
7" casing	Surface	981'	953'	None
8 5/8" casing				
9 5/8" casing	Surface	30'	30'	None
11 3/4" casing				
16" conductor casing	Surface	5'	5'	None
Other				

Cement:		
Expansive	120	sacks
Thixotropic	115	sacks
Econofill		sacks
Mud Flush	1000	Gal.
Other		
Est. Top Thix	595'	
Did Cement Clrc.	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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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 F. DRENNAN Jr.
Lease or Property Owner
651 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
1101
Well No.
CHARLES DRENNAN
Farm

COPY

STATE INSPECTOR SUPERVISING PLUGGING Ernest L. Reynolds
AFFIDAVIT

STATE OF WEST VIRGINIA,
County of MONONGALIA ss:

RUSSELL A. SMALLWOOD 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 29th day of November, 2017 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 5221'. Tagged solid plug at 5221'. Cement bottom hole with 170 sacks of Expandable cement with gas blocker additive from 5221' to 2801'. Set 1 st intermediate plug from 2801' to 2351' with 50 sacks of Expandable cement. Removed 2351' of 4 1/2" casing from surface to 2351'. Set 2 nd intermediate plug from 2351' to 1129' with 195 sacks of Expandable cement. Section milled 7" casing from 686' to 714' through the Lower Kittanning Coal Seam (695' - 702'). Left 686' of 7" casing in well from surface to 686' and 267' from 714' to 981'. Left 30' of 9 5/8" casing in well from surface to 30'. Left 5' of 16" conductor casing in well from surface to 5'. Casing depths were taken from previous well record.				
Cemented hole from top of bottom hole plug to surface as follows: From 1129' to 595' with 115 sacks of Thixotropic cement with green dye. From 595' to the surface with 120 sacks of Expandable cement. Cement did circulate at the surface. A total of 650 sacks of cement was used to plug the well.				
Coal Seams	Description of Monument			
LOWER KITTANNING	695' to 702'	77" of 7" casing w/company name, well number, permit number and date cemented stated on 7"		
(Name)		casing. Well marker will be attached to the cement plug at ground level.		
(Name)				
(Name)				

... And that the work of plugging and filling said well was completed on the 21st day of December, 2017

And further deponents saith not.

Russell A. Smallwood
Russell A. Smallwood

Kevin S. Wright
Kevin S. Wright

Sworn to and subscribed before me this 2nd day of Jan 2018

Carol A. Mayfield
Notary Public

My commission expires:



Permit No. 47-81-01101-P
Well No. 1101
Latitude: 39° 17' 56"
Longitude: 79° 58' 69"

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Office of Oil and Gas

MAR 23 2018

WV Department of
Environmental Protection