

WR-38
Rev. 5/08

API # 47-001-00566

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

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: W.D. Cleavenger Operator Well No.: BAR-566

LOCATION: Elevation: 1330.57 Quadrangle: Philippi (545)
District: Pleasant County: Barbour
Latitude: _____ Feet South of 39 Deg. 13 Min. 11 Sec.
Longitude: _____ Feet West of 80 Deg. 06 Min. 09 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 06/18/2018

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AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Taylor ss:

WV Department of
Environmental Protection

Ralph K. Harman and Matthew A. Yearsley 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 9th day of November, 2018, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Expandable	4433'	3124'		
Expandable	3124'	1214'		
Thixotropic with green dye	1214'	609'		
Expandable	609'	Surface		
4 1/2" Casing	4500'	3130'	3130'	1370'
8 5/8" Casing	943'	Surface	Milled 26' Window	917'
16" Conductor	5'	Surface	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 4th day of December, 2018.

And further deponents saith not.

Sworn and subscribe before me this 10th day of December, 2018

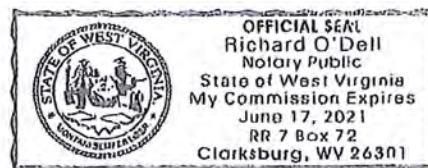
My commission expires: 06/17/2021

Notary Public

Affidavit reviewed by the Office of Oil and Gas:

Charles E. Duckworth

Title: Oil & Gas Inspector



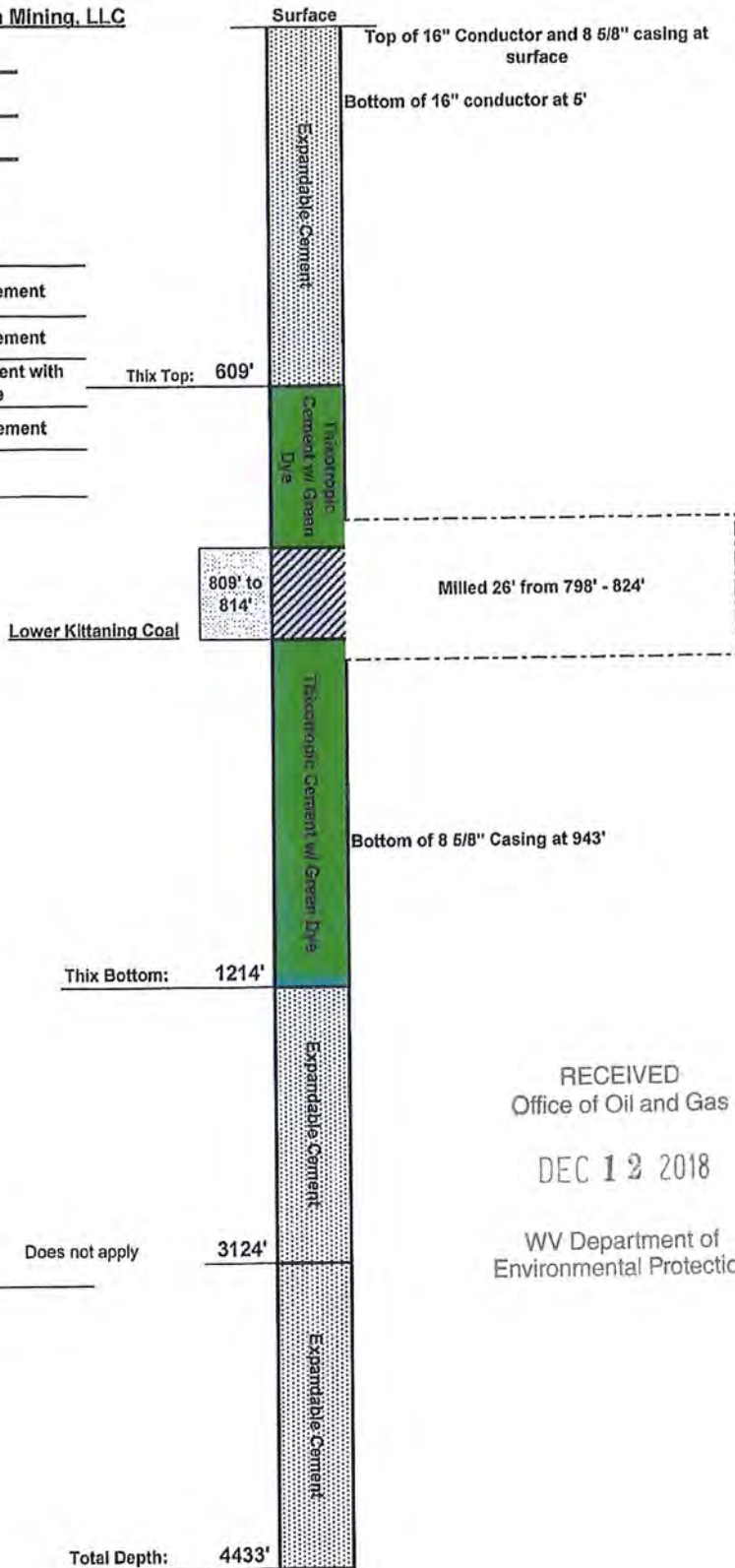
Plugging Report for MSHA

Well Number: BAR-566 Mine: Wolf Run Mining, LLC
 Permit Number: 47-001-00566
 Date Clean Out Started: 11/9/2018
 Date Well Bore Plugged: 12/4/2018
 Lower Kittanning Coal Seam: 809 ft. To 814 ft.

From	To	Type of Cement
4433'	3124'	Expandable Cement
3124'	1214'	Expandable Cement
1214'	609'	Thixotropic Cement with green dye
609'	Surface	Expandable Cement

Casing Remaining in Well Bore

	Top	Bottom	Left	Pulled
1 1/2" tubing				
2 3/8" tubing				
4 1/2" casing	3130'	4500'	1370'	3130'
7" casing				
9 5/8" casing				
8 5/8" casing	Surface	943'	917'	Milled 26'
13 3/8" casing				
16" conductor casing	Surface	5'	5'	0'
Other				



Cement:

Expansive	575	sacks
Thixotropic	175	sacks
Econofill		sacks
Mud Flush	1000	Gal.
Other		
Est. Top Thix	609	
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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WV Department of
Environmental Protection



Supplemental
12/14/2018

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 TRIPLICATED, 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
Suzan & Glenn Mirlitsch
Lease or Property Owner
721 Atlantic Avenue, Cape May, NJ 08204
Address

Wolf Run Mining, LLC
Name of Well Operator
100 TYGART DRIVE, GRAFTON, WV 26354
Complete Address
Philippi (545)
Well Location
Pleasant
District
Barbour
County
BAR-566
Well No.
W.D. Cleavenger
Farm

STATE INSPECTOR SUPERVISING PLUGGING

Charles D. Reynolds

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of MONONGALIA ss:

RALPH K. HARMAN and MATTHEW A. YEARSLEY 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 9th day of November, 2018 and that the well was plugged in the following manner:

Formation	Filling Material	Casing Size & Kind	Casing Pulled	Casing Left In
Cleaned a 3 3/4" hole through 4 1/2" casing from surface to 4433'. Tagged a solid plug at 4433'. Cemented bottom hole with 70 sacks of Expandable cement with gas blocker additive from 4433' to 3124'. Removed 3130' of 4 1/2" casing from surface to 3130'. Left 1370' of 4 1/2" casing from 3130' to 4500'. Cleaned a 7 7/8" hole from surface to 3124'. Set intermediate plug from 3124' to 1214' with 375 sacks of Expandable cement. Section Milled 8 5/8" casing from 798' to 824' through the lower Kittanning Coal Seam (809' - 814'). Left 798' of 8 5/8" casing from surface to 798' and 119' from 824' to 943'. Due to extreme bond of 8 5/8" casing, no additional perforations or rips required per Leer Mines 101C Petition. Casing depths were taken from previous well records.	Cemented hole from 1214' back to surface as follows: From 1214' to 609' with 175 sacks of Thixotropic cement with green dye. From 609' to surface with 130 sacks of expandable cement. Cement did circulate to surface. Left 5' of 18" conductor at surface to 5'.	4 1/2"	3130'	1370'
		8 5/8"	Milled 26' Window	917'
		18" Conductor	0'	5'
Coal Seams		Description of Monument		
<u>LOWER KITTANNING</u>	809' - 814'	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 4th day of December, 2018

And further deponents saith not.

Ralph K. Harman

Ralph K. Harman

Matthew A. Yearsley

Matthew A. Yearsley

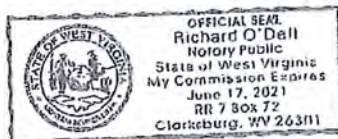
Sworn to and subscribed before me this 10th day of December, 2018

Richard O'Dell

Notary Public

My commission expires:

06/17/2021



Permit No. 47-001-00566
Well No. BAR-566
Latitude: 38° 13' 11"
Longitude: 80° 06' 09"

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Office of Oil and Gas

DEC 13 2018

WV Department of
Environmental Protection

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