

WR-38  
Rev. 5/08

API # 47-091-00699

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: Reed, Larry L. & Linda D. Operator Well No.: B-690

LOCATION: Elevation: 1524 Quadrangle: Thornton 7.5  
District: Knottsville County: Taylor  
Latitude: \_\_\_\_\_ Feet South of 39 Deg. 18 Min. 28 Sec.  
Longitude: \_\_\_\_\_ Feet West of 79 Deg. 58 Min. 00 Sec.

Well Type: OIL \_\_\_\_\_ GAS X

Company Coalquest Development, LLC Coal Operator 100 Tygart Drive  
or Owner Grafton, WV 26354  
Coal Operator \_\_\_\_\_  
Agent David B. Berry or Owner \_\_\_\_\_  
Permit Issued Date 11/27/18

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Monongalia ss:

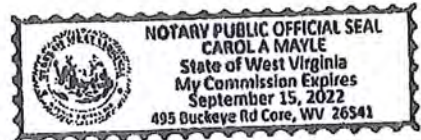
Ralph K. Harman and Matthew A. Yearsley being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well say that said work was commenced on the 8th day of December, 2018, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Expandable with Gas Block	5017'	1325'		
Expandable	1325'	977'		
Thixotropic with green dye	977'	347'		
Expandable	347'	Surface		
4 1/2" Casing	5089'	1325'	1325'	3764'
8 5/8" Casing	1034'	Surface	Milled 26'	1008'
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 17th day of December, 2018.

And further deponents saith not.

[Signature]  
[Signature]



Sworn and subscribe before me this 11th day of December, 2018

My commission expires: \_\_\_\_\_

Notary Public

Affidavit reviewed by the Office of Oil and Gas: [Signature]

Title: OIL & GAS INSPECTOR

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DEC 18 2018

Plugging Report for MSHA

Well Number: B-690 Mine: Berry Energy  
 Permit Number: 47-091-00699  
 Date Clean Out Started: 12/8/2018  
 Date Well Bore Plugged: 12/17/2018  
 Lowe Kittanning Coal Seam: 568 ft. To 573 ft.

From	To	Type of Cement
5017'	1325'	Expandable Cement with Gas Blocker
1325'	977'	Expandable Cement
977'	347'	Thixotropic with Green Dye
347'	Surface	Expandable Cement

Casing Remaining in Well Bore

	Top	Bottom	Left	Pulled
Sucker Rods				
2 3/8" tubing				
4 1/2" casing	1325'	5089'	3764'	1325'
7" casing				
7" fiberglass				
8 5/8" casing	Surface	1034'	1008'	Milled 26'
10 3/4" casing				
16" Conductor	Surface	5'	5'	0'

Cement:

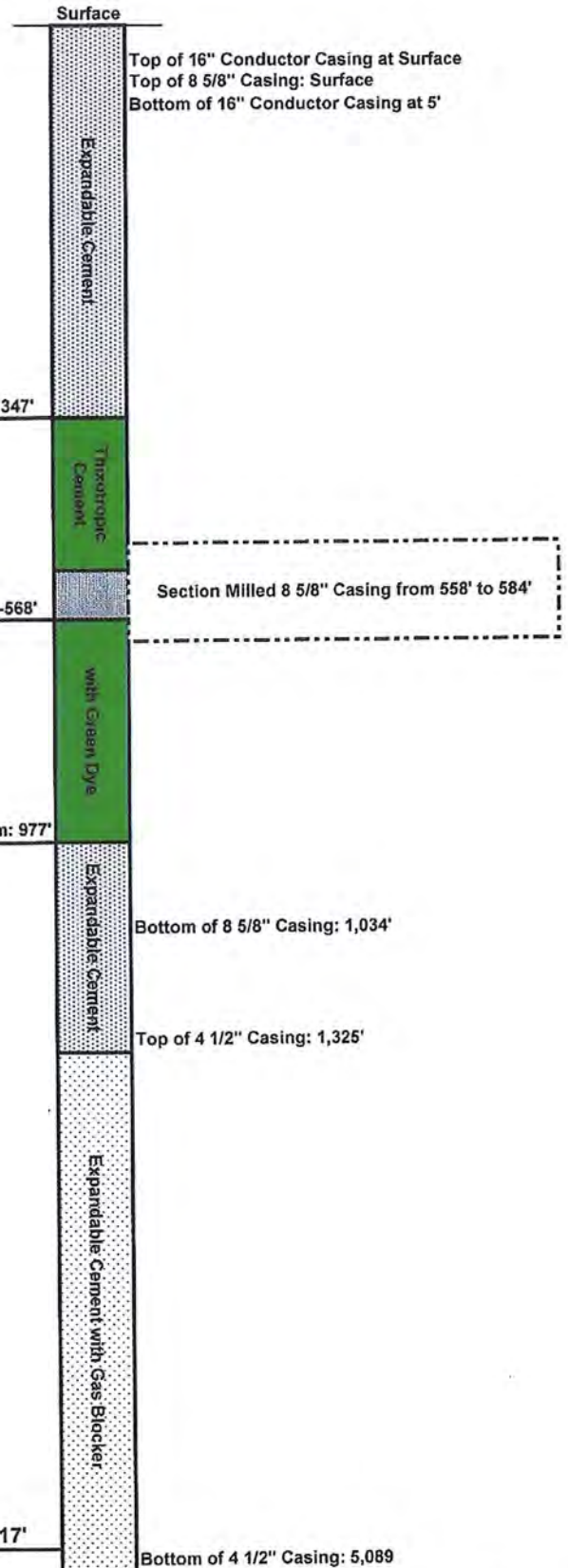
Expandable	420	sacks
Thixotropic	185	sacks
Econofill		sacks
Mud Flush	1000	gal
Other		
Est. Top Thix	347	ft
Did Cement Circ.	Yes	

Comments:

Caving: Extreme Moderate Normal  
 Lost Circulation: Extreme Moderate Normal  
 Difficulty in Removing Casing: Extreme Moderate Normal  
 Debris in Well Bore: Wood Steel Other: \_\_\_\_\_

Surface Elevation (Surveyed)	1524
Bottom of Coal Structure (Map)	956
Difference	568

Total Depth: 5,017'



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FORM WR-38  
(Affidavit of Plugging)

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

LARRY L. OR LINDA D. REED  
Lease or Property Owner  
228 SANDY CREEK RD GRAFTON, WV 26354  
Address

BERRY ENERGY, INC.  
Name of Well Operator  
310 STILES ST CLARKSBURG, WV 26301  
Complete Address

THORNTON 7.5  
Well Location  
KNOTTSVILLE  
District

TAYLOR  
County  
B-690  
Well No.

REED, LARRY L. & LINDA D.  
Farm

STATE INSPECTOR SUPERVISING PLUGGING

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 Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 8<sup>TH</sup> day of December, 2018 and that the well was plugged in the following manner:

Sand or Zone Record Formation	Filling Material	Casing/Tubing Size	Casing Pulled	Casing Left In
Cleaned 3 3/4" hole through 4 1/2" casing from surface to 5017'. Tagged solid plug at 5017'. Cemented bottom hole from 5017' to 1325' with 235 sacks of Expandable cement with gas blocker additive. Removed 1325' of 4 1/2" casing from surface to 1325'. Left 3771' of 4 1/2" casing from 1325' to 5089'. Cleaned 7 7/8" hole from surface to 1325'. Tagged solid plug at 1325'. Section milled 8 5/8" casing from 558' to 584' through the Lower Kittanning Coal Seam (568' to 573'). Left 558' of 8 5/8" casing from surface to 558' and 448' from 584' to 1034'. Due to extreme bond of 8 5/8" casing, no additional perforations or rips required per Leer Mines 101C Petition.		4 1/2"	1325'	3764'
		8 5/8"	Milled 26'	1008'
		16" Conductor	0'	5'
<b>Cemented hole from 1325' back to the surface as follows:</b> From 1325' to 977' with 90 sacks of Expandable cement. From 977' to 347' with 185 sacks of Thixotropic with green dye cement and from 347' to surface with 95 sacks of Expandable cement. Cement did circulate to surface. Left 5' of 16" conductor at the surface to 5'.				
Coal Seams		Description of Monument		
Lower Kittanning	(568' - 573')	77" of 7" casing w/ company name, well number, permit number and date cemented stated on 7" casing. Well marker will be attached to cement plug at ground level.		

... and that the work of plugging and filling said well was completed on the 17<sup>th</sup> day of December, 2018

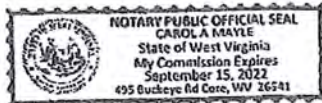
And further deponents saith not.

Ralph K. Harman  
Matthew A. Yearsley  
Matthew A. Yearsley

Sworn to and subscribed before me this 17<sup>th</sup> day of Dec 2018

Carol A. Mayle  
Notary Public

My commission expires:



Permit No. 47-091-00699  
Well No. B-690  
Latitude: 39° 48' 28" N  
Longitude: 79° 58' 00" W

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Office of Oil and Gas

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