

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: L.D. Beaty Operator Well No.: R-277  
LOCATION: Elevation: 1110.49' Quadrangle: Glover Gap 7.5'  
District: Mannington County: Marion  
Latitude: \_\_\_\_\_ Feet South of 39 Deg. 31 Min. 18.19 Sec.  
Longitude: \_\_\_\_\_ Feet West of 80 Deg. 25 Min. 56.26 Sec.

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

Company Consolidation Coal Co Coal Operator 1 Bridge St  
or Owner Monongah, WV 26554  
Agent Ronnie Harsh Coal Operator \_\_\_\_\_  
Permit Issued Date 07/27/17 or Owner \_\_\_\_\_

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Marion ss:

Delbert E. Moore 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 13th day of November, 2017, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Thixotropic	1025'	715'		
Expandable	715'	Surface		
2 3/8"	0'	0'	833'	0'
7"	0'	0'	18'	0'
10 3/4"	0'	242'	0'	242'
16" Conductor	Surface	20'	0'	20'

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 11th day of December, 2017.

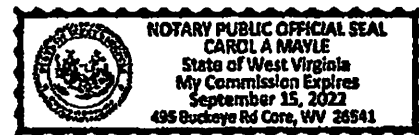
And further deponents saith not.

Delbert E. Moore  
Kevin S. Wright

Sworn and subscribe before me this 17<sup>th</sup> day of Jan, 2018

My commission expires: 9-15-22

Carol A. Mayle  
Notary Public



Affidavit reviewed by the Office of Oil and Gas:

[Signature]

Title: 1/18/2018

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Office of Oil and Gas

JAN 22 2018

WV Department of  
Environmental Protection

# Plugging Report for MSHA

Well Number: R-277

Mine: Harrison County Mine

Permit Number: 47-049-00294

Date Clean Out Started: 11/13/2017

Date Well Bore Plugged: 12/11/2017

Pittsburgh Coal Seam: 815 ft. To 822 ft.

Plugs:	From	To	Type of Cement
	1025'	715'	Thixotropic Cement w/ Green Dye
	715'	Surface	Expandable Cement

## Casing Remaining in Well Bore

	Top	Bottom	Left	Pulled
Sucker Rods				
2 3/8" tubing	0'	0'	0'	833'
4 1/2" casing				
7" casing	0'	0'	0'	15'
8 5/8" casing				
10 3/4" casing	0'	242'	242'	0'
16" casing	Surface	20'	20'	0'
Other				

Thix Top: 715'

815' to  
822'

Pittsburgh Coal

## Cement:

Expandable	330	sacks
Thixotropic	160	sacks
Econofill		sacks
Mud Flush	1000	gal
Other		
Est. Top Thix	858'	ft
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: \_\_\_\_\_

Thix Bottom: 1025'

Surface Elevation (Surveyed)	1111
Bottom of Coal Structure (Map)	309
Difference	802

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Environmental Protection

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**CONSOLIDATION COAL CO.**  
Coal Operator or Owner  
**1 BRIDGE STREET MONONGAH, WV 26554**  
Address  
**CONSOLIDATION COAL CO.**  
Coal Operator or Owner  
**1 BRIDGE STREET MONONGAH, WV 26554**  
Address  
**PERRY R. & JANNICE M. THORNE**  
Lease or Property Owner  
**95 CURTISVILLE ROAD MANNINGTON, WV 26582**  
Address

**CONSOLIDATION COAL CO.**  
Name of Well Operator  
**1 BRIDGE STREET MONONGAH, WV 26554**  
Complete Address  
**GLOVER GAP**  
Well Location  
**MANNINGTON**  
District  
**MARION**  
County  
**R-277**  
Well No.  
**L.D. BEATY**  
Farm

STATE INSPECTOR SUPERVISING PLUGGING

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of MONONGALIA ss:

**DELBERT E. MOORE** 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 Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 13<sup>th</sup> day of November, 2017 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
Milled 2 3/8" tubing and cement from surface to 27' through 7" casing. Removed 15' of 7" casing from surface to 15'. Removed 805' of 2 3/8" tubing from 27' to 833'. Cleaned hole with 9 7/8" bit from surface to 833'. Drilled cement from 833' to 1025', solid cement plug. Cleaned hole with 9 7/8" bit through the Pittsburgh Coal Seam (815' - 822'). Left 242' of 10" casing in wellbore from surface to 242'.		2 3/8"	833'	0'
		7"	15'	0'
		10 3/4"	0'	242'
		16"	0'	20'
<u>Cemented hole back from 1025' to the surface as follows:</u> From 1025' to 715' with 180 sacks of Thixotropic cement with green dye. From 715' to the surface with 330 sacks of Expandable cement. A total of 490 sacks of cement were used to plug the well. Cement did circulate at the surface. Left 20' of 16" conductor in the well from surface to 20'.				
Coal Seams		<b>Description of Monument</b> 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.		
Pittsburgh	(815' - 822')			
and that the work of cementing was completed on _____				

... and that the work of plugging and filling said well was completed on the 11th day of December, 2017

And further deponents saith not.

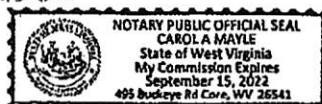
*Delbert E. Moore*  
Delbert E. Moore

*Kevin S. Wright*  
Kevin S. Wright

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

*Carol A. Mayle*  
Notary Public

My commission expires: 9-15-22



Permit No. 47-49-00294-P  
Well No. R-277  
Latitude: 39° 31' 18.19"N  
Longitude: 80° 25' 56.26"W

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