

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: Consolidation Coal Company Operator Well No.: 7144

LOCATION: Elevation: 1367.37' Quadrangle: FOLSOM WV, PA 7.5'  
District: Grant County: Wetzel  
Latitude: \_\_\_\_\_ Feet South of 39 Deg. 29 Min. 09.63 Sec.  
Longitude: \_\_\_\_\_ Feet West of 80 Deg. 32 Min. 23.34 Sec.

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

Company Consolidation Coal Co Coal Operator 1 Bridge St  
or Owner Monongah, WV 26554  
Agent David Roddy Coal Operator \_\_\_\_\_  
or Owner \_\_\_\_\_  
Permit Issued Date 02/13/2018

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Wetzel 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 1st day of May, 2018, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Expandable	1510'	1356'		
Thixotropic	1356'	950'		
Expandable	950'	Surface		
2 3/8"	0'	0'	902'	0'
7"	1356'	Unknown	454'	Unknown
16" 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 7th day of June, 2018.

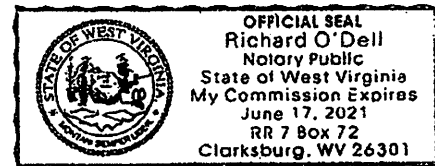
And further deponents saith not.

Delbert E. Moore  
Kevin S. Wright

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

My commission expires: 06/17/2021

Richard O'Dell  
Notary Public



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Office of Oil and Gas

Affidavit reviewed by the Office of Oil and Gas: Derek M. Haught Title: Oil & Gas Inspector

JUL 12 2018

# Plugging Report for MSHA

Well Number: 7144

Mine: Harrison County Mine

Surface

Permit Number: 47-103-03221

Date Clean Out Started: 5/1/2018

Date Well Bore Plugged: 6/7/2018

Pittsburgh Coal Seam: 1150 ft. To 1156.00 ft.

**Plugs:**

From	To	Type of Cement
1510'	1356'	Expandable Cement
1356'	950'	Thixotropic Cement with green dye
950'	Surface	Expandable Cement

**Casing Remaining in Well Bore**

Thix Top: 950'

	Top	Bottom	Left	Pulled
Sucker Rods				
2 3/8" tubing	0'	0'	0'	454'
4 1/2" casing				
7" casing	1356'	Unknown	Unknown	0'
8 5/8" casing				
10 3/4" casing				
16" casing	Surface	5'	5'	0'
Other				

**Cement:**

Expandable	<u>535</u>	sacks
Thixotropic	<u>170</u>	sacks
Econofill		sacks
Mud Flush	<u>1000</u>	gal
Other		
Est. Top Thix	<u>950</u>	ft
Did Cement Circ.	<u>Yes</u>	

**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: \_\_\_\_\_

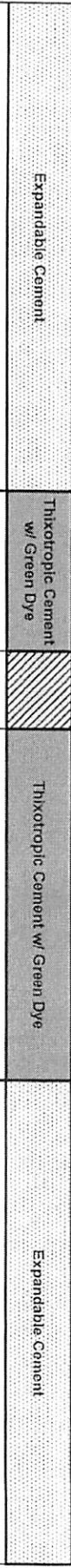
Thix Bottom: 1356'

Top of 7" Casing at 1356'

Surface Elevation (Surveyed)	<u>1351</u>
Bottom of Coal Structure (Map)	<u>213</u>
Difference	<u>1138</u>

Total Depth: 1510'

Bottom of 7" casing at unknown



Top of 16" Conductor Casing at Surface  
 Bottom of 16" Conductor Casing at 5'

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JUL 12 2018

WV Department of  
 Environmental Protection

Supplemental

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 TRIPLICATE, 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.

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  
CONSOLIDATION COAL CO.  
Lease or Property Owner  
1 BRIDGE STREET MONONGAH, WV 26554  
Address

CONSOLIDATION COAL CO.  
Name of Well Operator  
1 BRIDGE STREET MONONGAH, WV 26554  
Complete Address  
FOLSOM WV, PA 7.5'  
Well Location  
GRANT  
District  
WETZEL  
County  
7144  
Well No.  
W. Z. STARKEY  
Farm

STATE INSPECTOR SUPERVISING PLUGGING Derek M. Haught

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 1st day of May, 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
Removed 902' of 2 3/8" tubing from the surface to 902' with extreme difficulty due to being cemented previously. Cleaned 12 1/4" hole from surface to 425'. Reduced hole to 9 7/8" at 425'. Cleaned 9 7/8" hole from 425' to top of 7" casing at 902'. Reduce hole to 6 1/2" at 902'. Cleaned 6 1/2" hole from 902' to 1510'. Tagged plug at 1510'. Cleaned 9 7/8" hole through the Pittsburgh Coal Seam (1150' - 1156'). Removed 454' of 7" casing from 902' to 1356'. Attempted to remove remaining 7" casing by pulling 150% of string weight. All attempts were unsuccessful. Left an unknown amount of 7" casing from 1356' to an unknown depth. Cut remaining 7" casing at 1505'. Cleaned 9 7/8" hole from 902' to 1356'. Cleaned 6 1/2" hole through 7" casing from 1356' to 1510'. <u>Cemented hole from top of bottom hole plug at 1510' back to the surface as follows:</u> From 1510' to 1356' with 157 sacks of Expandable cement. From 1356' to 950' with 170 sacks of Thixotropic cement with green dye. From 950' to the surface with 378 sacks of Expandable. A total of 705 sacks of Expandable and Thixotropic cement was used to cement wellbore. Cement did circulate at the surface. Left 5' of 16" conductor from the surface to 5'.	2 3/8"	902'	0'	
		7"	454'	Unknown
		16" Conductor	0'	5'
<b>Coal Seams</b>		<b>Description of Monument</b>		
<u>Pittsburgh</u>	<u>(1150' - 1156')</u>	<u>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.</u>		

... and that the work of plugging and filling said well was completed on the 7th day of June, 2018

And further deponents saith not.

Delbert E. Moore  
Delbert E. Moore

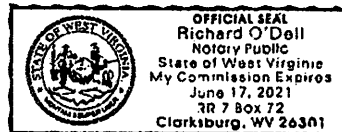
Kevin S. Wright  
Kevin S. Wright

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

Richard O'Dell  
Notary Public

My commission expires:

06/17/2021



Permit No. 47-103-03221-P  
Well No. 7144  
Latitude: 39° 29' 09.63"N  
Longitude: 80° 32' 23.34"W

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Environmental Protection