

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.: R-411

LOCATION: Elevation: 1193.40' Quadrangle: HUNDRED WW, PA 7.5'
District: Mannington County: Marion
Latitude: _____ Feet South of 39 Deg. 31 Min. 31.20 Sec.
Longitude: _____ Feet West of 80 Deg. 25 Min. 22.34 Sec.

Well Type: OIL _____ GAS X

Company Consolidation Coal Co Coal Operator 1 Bridge St
or Owner Monongah, WV 26554
Coal Operator _____
or Owner _____
Agent David Roddy Coal Operator _____
or Owner _____
Permit Issued Date 03/16/18

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Marion ss:

Robert L. Steel 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	2891'	1130'		
Thixotropic	1130'	769'		
Expandable	769'	Surface		
5 1/2"	Surface	2474'	2084'	390'
7"	Surface	Unknown	1075'	Unknown
8 3/8"	852'	1040'	188'	0'
18" Conductor	Surface	20'	0'	20'

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WV Department of
Environmental Protection

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 23rd day of May, 2018.

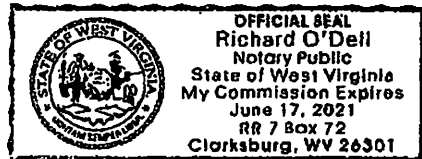
And further deponents saith not.

Robert L. Steel
Kevin S. Wright

Sworn and subscribe before me this 31st day of May, 2018

My commission expires: 06/17/2021

Richard O'Dell
Notary Public



Affidavit reviewed by the Office of Oil and Gas: S. J. Schmidt Title: COG Inspector

Plugging Report for MSHA

Well Number: R-411 Mine: Harrison County Mine

Permit Number: 47-049-02063

Date Clean Out Started: 5/1/2018

Date Well Bore Plugged: 5/23/2018

Pittsburgh Coal Seam: 859 ft. To 866 ft.

From	To	Type of Cement
2891'	1130'	Expandable Cement
1130'	759'	Thixotropic Cement with green dye
759'	Surface	Expandable Cement

Casing Remaining in Well Bore

	Top	Bottom	Left	Pulled
Sucker Rods	Surface	2789'	0'	2789'
2 3/8" tubing	Surface	2810'	0'	2810'
4" casing	Surface	226'	0'	226'
5 1/2" casing	Surface	2474'	390'	2084'
7" casing	Surface	Unknown	Unknown	1075'
8 5/8" casing	852'	1040'	0'	188'
16" casing	Surface	20'	20'	0'
Other				

Cement:

Expandable 385 sacks

Thixotropic 160 sacks

Econofill sacks

Mud Flush 1000 gal

Other

Est. Top Thix 759 ft

Did Cement Circ. Yes

Comments:

Caving: Extreme Moderate Normal

Lost Circulation: Extreme Moderate Normal

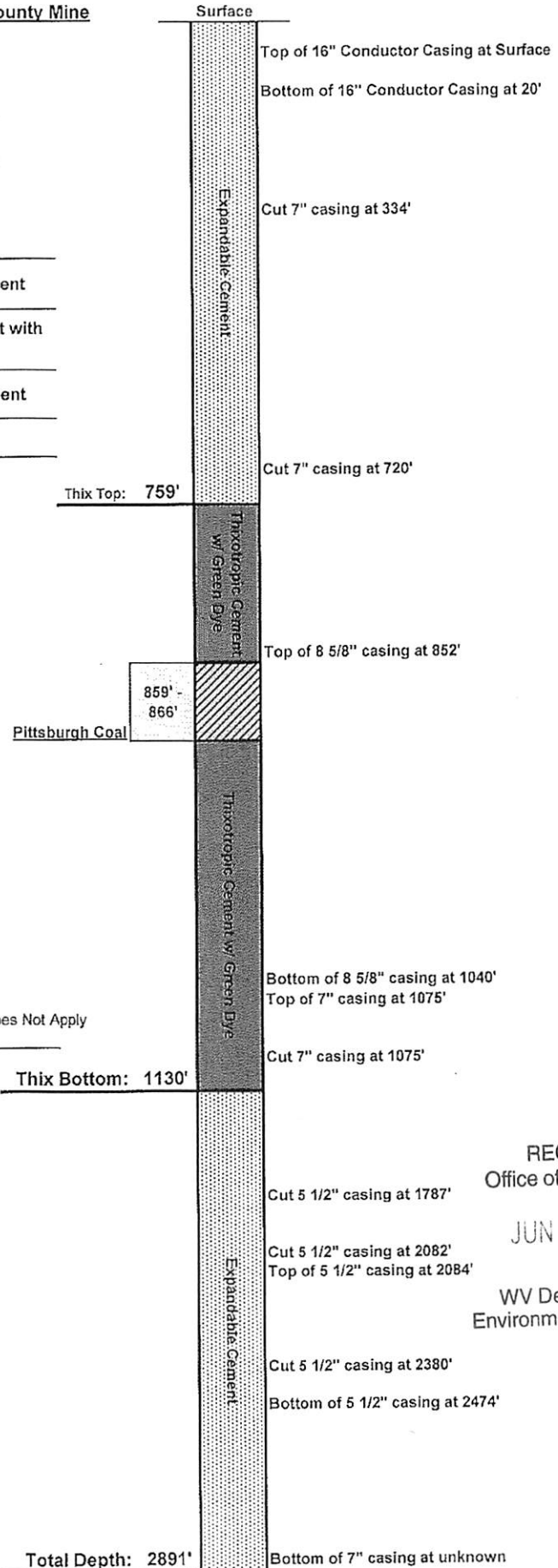
Difficulty in Removing Casing: Extreme Moderate Normal Does Not Apply

Debris in Well Bore: Wood Steel Other:

Surface Elevation (Surveyed) 1192.54

Bottom of Coal Structure (Map) 326

Difference 866.54



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06/01/2018

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

JOSEPH R. & WHITNEY N. ELLIOT
Lease or Property Owner
46 LITTLE WHETSTONE RD. MANNINGTON, WV 26582
Address

CONSOLIDATION COAL CO.
Name of Well Operator
1 BRIDGE STREET MONONGAH, WV 26554
Complete Address

GLOVER GAP, WV 7.6'
Well Location
MANNINGTON

District
MARION
County
R-411
Well No.

GEO. W. BEATY
Farm

STATE INSPECTOR SUPERVISING PLUGGING

S. P. Dwan

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of MONONGALIA ss:

ROBERT L. STEEL 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
Pulled 2787' of Sucker rods from the surface to 2787'. Pulled 2810' of 2 3/8" tubing from the surface to 2810'. Pulled 226' of 4" casing from the surface to 226'. Cut 5 1/2" casing at the following depths: 2380', 2082', and 1787'. Pulled 2084' of 5 1/2" casing from the surface to 2084'. Cut 7" casing at the following depths: 1076', 720', and 334'. Pulled 1075' of 7" casing from the surface to 1075'. Cemented bottom hole from 2891' to 1130' with 215 sacks of Expandable cement. Pulled 188' of 8 5/8" casing from 852' to 1040'. Cleaned hole with 12 1/4" bit from the surface to 334'. Reduced hole to 9 7/8" at 334'. Cleaned 9 7/8" hole from 334' to 954'. Reduced hole to 6 1/2" at 954'. Cleaned 6 1/2" hole from 954' to 2084'. Cleaned 9 7/8" hole through the Pittsburgh Coal Seam (859' - 888'). Cemented from 1130' back to the surface as follows: From 1130' to 759' with 180 sacks of Thixotropic cement with green dye. From 759' to the surface with 385 sacks of Expandable cement. Cement did circulate at the surface. A total of 810' sacks of Expandable and Thixotropic cement was used to cement the well. Left 390' of 5 1/2" casing from 2084' to 2474'. Left an unknown amount of 7" casing from 1075' to an unknown depth. Left 20' of 16" conductor from the surface to 20'.	Sucker Rods	2789'	0'	
	2 3/8"	2810'	0'	
	4"	226'	0'	
	5 1/2"	2084'	390'	
	7"	1075'	Unknown	
	8 5/8"	188'	0'	
16" Conductor	0'	20'		
Coal Seams	Description of Monument			
Pittsburgh (859' - 888')	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 23rd day of May, 2018

And further deponents saith not.

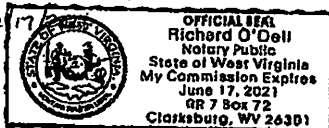
Robert L. Steel
Robert L. Steel

Kevin S. Wright
Kevin S. Wright

Sworn to and subscribed before me this 31st day of May, 2018

Richard O. Dell
Notary Public

My commission expires: 06/17/2021



Permit No. 47-049-02063-P
Well No. R-411
Latitude: 39° 31' 31.20"N
Longitude: 80° 25' 22.34"W

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