

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.: 3971

LOCATION: Elevation: 1145.77 Quadrangle: MANNINGTON, WV 7.5'
District: Mannington County: Marion
Latitude: _____ Feet South of 39 Deg. 33 Min. 40.73 Sec.
Longitude: _____ Feet West of 80 Deg. 21 Min. 52.66 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 03/07/2018

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Marion ss:

Michael P. Mitchell 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 7th day of August, 2018, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Expandable	1333'	985'		
Thixotropic	985'	678'		
Expandable	678'	Surface		
8 5/8"	1607'	1326'	493'	649'
16" Conductor	Surface	14'	0'	14'

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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 20th day of August, 2018.

And further deponents saith not.

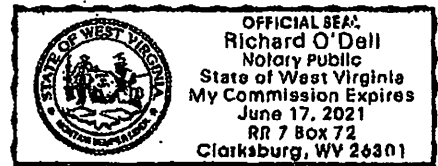
Michael P. Mitchell
Matthew A. Yearsley

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

My commission expires: 06/17/2021

Richard O'Dell

Notary Public



Affidavit reviewed by the Office of Oil and Gas: S. D. Weber Title: OG Inspector

Plugging Report for MSHA

Well Number: 3971 Mine: Marion County Mine

Permit Number: 47-049-02475

Date Clean Out Started: 8/7/2018

Date Well Bore Plugged: 8/20/2018

Pittsburgh Coal Seam: 778 ft. To 785 ft.

Plugs:	From	To	Type of Cement
	1333'	985'	Expandable Cement
	985'	678'	Thixotropic Cement with green dye
	678'	Surface	Expandable Cement

Casing Remaining in Well Bore

Thix Top: 678'

	Top	Bottom	Left	Pulled
Sucker Rods				
2 3/8" tubing				
5 1/2" casing				
7" casing				
7" casing				
8 5/8" casing	1007'	1326'	649'	493'
16" casing	Surface	14'	14'	0'
Other				

Pittsburgh Coal

778' - 785'

Cement:

Expandable	<u>435</u>	sacks
Thixotropic	<u>210</u>	sacks
Econofill		sacks
Mud Flush	<u>1000</u>	gal
Other		
Est. Top Thix	<u>678</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: 985'

Top of 8 5/8" casing at 1007'
 Cut 8 5/8" Casing at 1007'

Surface Elevation (Surveyed)	<u>1145</u>
Bottom of Coal Structure (Map)	<u>370</u>
Difference	<u>775</u>

Total Depth: 1512'

Surface

Top of 16" Conductor Casing at Surface
 Bottom of 16" Conductor Casing at 14'

Expandable Cement

Thixotropic Cement w/ Green Dye

Thixotropic Cement w/ Green Dye

Expandable Cement

Bottom of 8 5/8" casing at 1326'

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WV Department of
 Environmental Protection

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

MICHAEL L. & BETTE J. HIGGS
Lease or Property Owner
360 DRAKES RUN RD. MANNINGTON, WV 26582
Address'

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

MANNINGTON, WV 7.5'
Well Location

MANNINGTON
District

MARION
County

3871
Well No.

J.C. CHARITON
Farm

STATE INSPECTOR SUPERVISING PLUGGING S. O. DuWatt

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of MONONGALIA ss:

MICHAEL P. MITCHELL 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 7th day of August, 2018 and that the well was plugged in the following manner:

Sand or Zone Record	Filling Material	Casing/Tubing Size	Casing Puled	Casing Left In
Formation				
Cleaned hole with 12 1/4" bit from surface to 288'. Reduced hole to 9 7/8" at 288'. Cleaned 9 7/8" hole from 288' to 514', top of 8 5/8" casing. Reduced hole to 7 7/8" at 514'. Cleaned 7 7/8" hole from 514' to 1512'. Attempted to remove 8 5/8" casing from 514' to 1328' by pulling 150% of string weight. All attempts were unsuccessful. Cut 8 5/8" casing at 1107'. Removed 493' of 8 5/8" casing from 514' to 1007'. Left 319' of 8 5/8" casing from 1007' to 1328'. Cleaned 9 7/8" hole from 514' to 1007'. Cleaned 9 7/8" hole through the Pittsburgh Coal Seam (778' - 785'). Cleaned 7 7/8" hole from 1007', top of 8 5/8" casing to 1241'. Logged hole to a depth of 1333'. Left gel plug from 1512' to 1333'.	8 5/8"	493'	649'	
		16" Conductor	0'	14'
<u>Cemented hole from 1333' back to the surface as follows:</u> From 1333' to 985' with 90 sacks of Expandable cement with gas blocker additive. From 985' to 678' with 190 sacks of Thixotropic cement with green dye. Tagged cement plug at 715'. From 715' to 678' with 20 sacks of Thixotropic cement with green dye. From 678' to the surface with 345 sacks of Expandable cement. Cement did circulate at the surface. Left 14' of 16" casing from the surface to 14'. All plugging procedures were approved by WV Oil and Gas Inspector Sam Ward.				
Coal Seams		Description of Monument		
<u>Pittsburgh</u>	<u>(778' - 785')</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 20th day of August, 2018

And further deponents saith not.

Michael P. Mitchell
Michael P. Mitchell

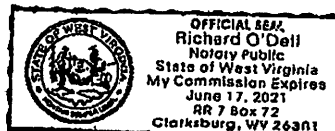
Matthew A. Yearsley
Matthew A. Yearsley

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

Richard O'Dell
Notary Public

My commission expires:

06/17/2021



Permit No. 47-049-02475-P
Well No. 3871
Latitude: 39° 33' 40.73"N
Longitude: 80° 21' 52.68"W

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Office of Oil and Gas

SEP 21 2018

WV Department of
Environmental Protection