

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: W.R. HUGHES Operator Well No.: M-1600

LOCATION: Elevation: 1381.64' Quadrangle: Cameron, WV, PA 7.5"
District: Cameron County: Marshall
Latitude: _____ Feet South of 39 Deg. 51 Min. 16.88 Sec.
Longitude: _____ Feet West of 80 Deg. 33 Min. 11.85 Sec.

Well Type: OIL _____ GAS X

Company Consolidation Coal Co Coal Operator 1 Bridge St
or Owner Monongah, WV 26554
Coal Operator _____
Agent David Roddy or Owner _____
Permit Issued Date 07/17/18

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Marshall ss:

Dustin W. Bennett 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 16th day of August, 2018, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Expandable	2934'	1185'		
Thixotropic	1165'	816'		
Expandable	816'	Surface		
3 1/2"	2735'	2934'	2735'	199'
7"	1192'	2186'	1176'	994'
10 3/4"	1008'	1150'	1008'	142'
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 13th day of September, 2018.

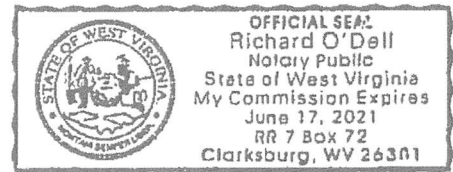
And further deponents saith not.

[Signature]
Kevin S. Wright

Sworn and subscribe before me this 25th day of September, 2018

My commission expires: 06/17/2021

[Signature]
Notary Public



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

Plugging Report for MSHA

Well Number: M-1600

Mine: Marshall County Mine

Surface

Permit Number: 47-051-00749

Date Clean Out Started: 8/16/2018

Date Well Bore Plugged: 9/13/2018

Pittsburgh Coal Seam: 919.9 ft. To 926.1 ft.

Plugs:

From	To	Type of Cement
2934'	1165'	Expandable Cement
1165'	816'	Thixotropic Cement w/ green dye
816'	Surface	Expandable Cement

Top of 16" Conductor Casing at Surface

Bottom of 16" Conductor Casing at 20'

Expandable Cement

Thixotropic Cement w/ Green Dye

Thixotropic Cement w/ Green Dye

Expandable Cement

 **COPY**

Casing Remaining in Well Bore

Thix Top: 816'

	Top	Bottom	Left	Pulled
Sucker Rods				
2 3/8" tubing				
3 1/2" casing	2735'	2934'	199'	2735'
7" casing	1192'	2186'	994'	1176'
8 5/8" casing				
10 3/4" Casing	1008'	1160'	142'	1008'
16" casing	Surface	20'	20'	0'
Other				

919.9' - 926.1'

Pittsburgh Coal

Cement:

Expandable	<u>985</u>	sacks
Thixotropic	<u>225</u>	sacks
Econofill		sacks
Mud Flush	<u>3000</u>	gal
Other		
Est. Top Thix	<u>816</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: _____

Top of 10 3/4" casing at 1008'
 10 3/4" casing cut at 1043'
 Bottom of 10 3/4" casing at 1150'

Thix Bottom: 1165'

Top of 7" casing at 1192'
 7" casing cut at 1317'
 7" casing cut at 1517'
 7" casing cut at 1702'
 7" casing cut at 1899'
 7" casing cut at 2082'
 Bottom of 7" casing at 2186'

Top of 3 1/2" casing at 2735'

Surface Elevation (Surveyed)	<u>1386.58</u>
Bottom of Coal Structure (Map)	<u>460</u>
Difference	<u>926.58</u>

Total Depth: 2934'

Bottom of 3 1/2" casing at 2934'

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
MARSHALL COUNTY BOARD OF EDUCATION
Lease or Property Owner
2700 4th STREET MOUNDSVILLE, WV 26041
Address

CONSOLIDATION COAL CO.
Name of Well Operator
1 BRIDGE STREET MONONGAH, WV 26554
Complete Address
CAMERON, WV, PA 7.5"
Well Location
CAMERON
District
MARSHALL
County
M-1600
Well No.
W.R. HUGHES
Farm



COPY

STATE INSPECTOR SUPERVISING PLUGGING Jim Nicholson

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of MONONGALIA ss:
DUSTIN W. BENNETT 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 16th day of August, 2018 and that the well was plugged in the following manner:

Sand or Zone Record	Filling Material	Casing/Tubing Size	Casing Pulled	Casing Left In
Formation				
Removed 2735' of 3 1/2" casing from surface to 2735'. Left 199' of 3 1/2" casing from 2735' to 2934'. Remaining 3 1/2" casing had a pre-existing perforations from 2900' to 2919', and was perforated at 2810' with 4 shots. Cemented bottom hole from 2934' to 2735' with 250 sacks of Expandable cement. Removed 1176' of 7" casing from 16' to 1192'. Left 994' of 7" casing from 1192' to 2186'. Remaining 7" casing was cut at the following depths: 2082', 1899', 1702', 1517', and 1317'. Set Intermediate plug from 2735' to 1165' with 250 sacks of Expandable cement. Removed 1008' of 10 3/4" casing from surface to 1008'. Left 142' of 10 3/4" casing from 1008' to 1150'. Remaining 10 3/4" casing is cut at 1043'. Cleaned 12 1/4" hole from surface to 1008'. Tagged 10 3/4" casing at 1008'. Cleaned 9 7/8" hole through the Pittsburgh Coal Seam (919.9' - 926.1'). Attempted to remove remaining casing by pulling 150% of string weight. All attempts were unsuccessful. Cemented hole back from 1165' to the surface as follows: From 1165' to 816' with 225 sacks of Thixotropic cement with green dye. From 816' to 504' with 163 sacks of Expandable cement. From 504' to 253' with 161 sacks of Expandable cement. From 253' to the surface with 161 sacks of Expandable cement. Cement did circulate at the surface.	3 1/2"	2735'	199'	
		7"	1176'	994'
		10 3/4"	1008'	142'
		16" Conductor	0'	20'
Coal Seams		Description of Monument		
Pittsburgh	(919.9' - 926.1')	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 13th day of September, 2018

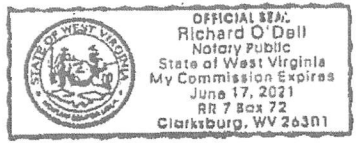
And further deponents saith not.

Dustin W. Bennett
Dustin W. Bennett
Kevin S. Wright
Kevin S. Wright

Sworn to and subscribed before me this 15th day of September, 2018

Richard O'Dell
Notary Public

My commission expires:
06/17/2021



Permit No. 47-051-00749
Well No. M-1600
Latitude: 39° 51' 16.88"N
Longitude: 80° 33' 11.85"W