

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: Sabina Camp Operator Well No.: 4394

LOCATION: Elevation: 1231.86 Quadrangle: Hundred WV, PA 7.5'
District: Battelle County: Monongalia
Latitude: 39.640624 Feet South of 39 Deg. 38 Min. 26.2464 Sec.
Longitude: -80.382497 Feet West of -80 Deg. 22 Min. 56.9892 Sec.

Well Type: OIL _____ GAS x

Company Consolidation Coal Co. Coal Operator Consolidation Coal Co.
1 Bridge Street or Owner 1 Bridge Street
Monongah, WV 26554 Monongah, WV 26554
Coal Operator _____
Agent David Roddy or Owner _____
Permit Issued Date 7/24/2019

AFFIDAVIT

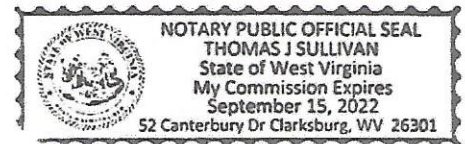
STATE OF WEST VIRGINIA,
County of Monongalia ss:

Kevin S. Wright 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 24th day of June, 2020, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
6% Gel	3333'	2500'	2 3/8" Tubing - 3333'	0'
Expandable Cement	2500'	1378'	5 1/2" Casing - 1258'	1230'
6% Gel	1378'	1290'	16' Conductor Casing - 0'	20'
Thixotropic w/ Green Dye	1290'	880'		
Expandable Cement	880'	Surface	Remaining 5 1/2" casing perforated at	
			2390', 2308', 2202', 2102', 2000', 1901', 1800'	
			1704', 1595', 1502', 1402', 1378 and 1287'	

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 6th day of July, 2020.

And further deponents saith not. Kevin S. Wright
Matthew A. Yearsley



Sworn and subscribe before me this 26th day of Aug, 2020

My commission expires: 09-15-22
[Signature]
Notary Public

Affidavit reviewed by the Office of Oil and Gas: Bryan Harris 9-2-20 Title: Inspector

Plugging Report for MSHA

Well Number: 4394 Mine: Marion County Mine

Permit Number: 47-061-01852

Date Clean Out Started: 6/24/2020

Date Well Bore Plugged: 7/6/2020

Pittsburgh Coal Seam: 1080.5 ft. To 1087.2 ft.

Plugs:

From	To	Type of Cement
3333'	2500'	6% Gel Plug
2500'	1378'	Expandable Cement
1378'	1290'	6% Gel Plug
1290'	880'	Thixotropic w/ Green Dye
880'	Surface	Expandable Cement

Casing Remaining in Well Bore

	Top	Bottom	Left	Pulled
Sucker Rods				
2 3/8" tubing			0'	3333'
5 1/2" casing	1258'	2488'	1230'	1258'
7" casing				
7" fiberglass				
8 5/8" casing				
10 3/4" casing				
16" Conductor	Surface	22'	22'	0

Cement:

Expandable	<u>530</u>	sacks
Thixotropic	<u>235</u>	sacks
Econofill		sacks
Mud Flush	<u>1000</u>	gal
Other		
Est. Top Thix	<u>880'</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
 Debris in Well Bore: Wood Steel Other: _____

Surface Elevation (Surveyed)	<u>1231.86'</u>
Bottom of Coal Structure (Map)	<u>145'</u>
Difference	<u>1086.86'</u>

Total Depth - 3333'

Surface

Top of 16" Conductor at Surface

Bottom of 16" Conductor at 22'

Expandable Cement

Thixotropic Cement w/ Green Dye

Thixotropic Cement w/ Green Dye

6% Gel Plug

Expandable Cement

6% Gel Plug

Thix Top: 880'

1080.5'
1087.2'

Pittsburgh Coal

Thix Bottom: 1290'

Top of 5 1/2" Casing at 1258'
Perforated 5 1/2" casing w/ 4 shots at 1287'

Top of Expandable Cement at 1378'

Perforated 5 1/2" casing w/ 4 shots at each of the following depths; 1378', 1402', 1502', 1595', 1704', 1800', 1901', 2000', 2102', 2202', 2306' and 2390' for a total of 48 perforations

Bottom of 5 1/2" casing at 2488'
Bottom of Expandable Cement at 2500'

AFFIDAVIT OF PLUGGING AND FILLING WELL

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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
CONSOL MINING COMPANY, LLC. (C/O MURRAY AMERICAN ENERGY, INC.)
Lease or Property Owner
26226 NATIONAL RD. SAINT CLAIRSVILLE, OH 43950
Address

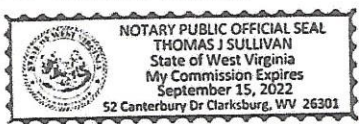
CONSOLIDATION COAL CO.
Name of Well Operator
1 BRIDGE STREET MONONGAH, WV 26554
Complete Address
Well Location
HUNDRED WV, PA 7.5'
BATTELLE
District
MONONGALIA
County
4394
Well No.
SABINA CAMP
Farm

STATE INSPECTOR SUPERVISING PLUGGING Bryan Harris 9-2-20
AFFIDAVIT

STATE OF WEST VIRGINIA,
County of MONONGALIA ss:
KEVIN S. WRIGHT 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 24th day of June, 2020 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 all 2 3/8" tubing from the surface to 3333'. Attempted to pull existing 5 1/2" casing from the surface by pulling 150% of the calculated string weight. Attempt to pull 5 1/2" casing was unsuccessful. Run cement bond log on 5 1/2" casing from the surface to 2488'. The cement bond log indicated that the 5 1/2" casing was bonded from 2488' to 1258'. Perforated bonded 5 1/2" casing with 4 shots at each of the following depths; 2390', 2306', 2202', 2102', 2000', 1901', 1800', 1704', 1595', 1502', 1402', 1378' and 1287'. A total of 52 shots were used to perforate 5 1/2" casing. Left 1230' of 5 1/2" casing in the hole from 2488' to 1258'. Left a 6% gel plug in the hole from 3333' to 2500'. Cemented hole from 2500' to 1378'. Wireline cut 5 1/2" casing at 1258' and pull 5 1/2" casing to 1258'. Cleaned 9 7/8" hole from the surface to the top of the remaining 5 1/2" casing at 1258'. Cleaned 9 7/8" hole through the Pittsburgh Coal Seam (1080.5' - 1087.2'). Left 6% gel plug in the hole from 1378' to 1290'. Cemented hole from 1290' to surface as follows: From 1290' to 880' with 235 sacks of Thixotropic Cement with Green Dye. From 880' to surface with 340 sacks of Expanding Cement. Left 22' of 16" conductor in the hole from 22' to surface. Cement did circulate at surface.	2 3/8" Tubing	3333'	0'	
	5 1/2" Casing	1258'	1230'	
	16" Conductor	0'	22'	
Coal Seams	Description of Monument			
<u>Pittsburgh</u>	<u>1080.5' - 1087.2'</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.			

... and that the work of plugging and filling said well was completed on the 6th day of July, 2020
And further deponents saith not.



Kevin S. Wright
Kevin S. Wright
Matthew A. Yearsley
Matthew A. Yearsley

Sworn to and subscribed before me this 26th day of Aug, 2020

[Signature]
Notary Public

My commission expires: 09/15/22

Permit No. 47-061-01852
Well No. 4394
Latitude: 39° 38' 26.2464"N
Longitude: -80° 22' 56.9892"W