

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: James A. Gray Operator Well No.: 5270

LOCATION: Elevation: 1164.39' Quadrangle: Majorsville, WV-PA 7.5'
District: Webster County: Marshall
Latitude: _____ Feet South of 39 Deg. 53 Min. 30.35400 Sec.
Longitude: _____ Feet West of 80 Deg. 33 Min. 41.88960 Sec.

Well Type: OIL _____ GAS XX

Company Consol Pennsylvania Coal Company Coal Operator 192 Crabapple Rd. Wind Ridge, PA 15380
or Owner _____

Agent Sandra Halstead Coal Operator _____ **RECEIVED**
or Owner _____ Office of Oil and Gas
Permit Issued Date 09/10/2019

NOV 21 2019

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Monongalia ss:

WV Department of
Environmental Protection

Robert L. Steel 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 2nd day of October, 2019, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Expandable Cement	2270'	891'		
Thixotropic w/ Green Dye	891'	585'		
Expandable Cement	585'	Surface		
7" Casing	1290'	1381'	1290'	91'
8 5/8" Casing	Surface	841'	Milled 20'	841'
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 18th day of October, 2019.

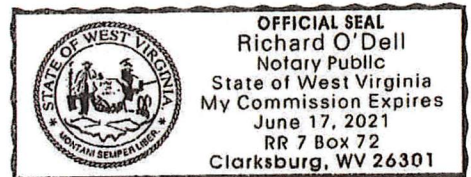
And further deponents saith not.

Robert L. Steel
Matthew A. Yearsley

Sworn and subscribe before me this 4th day of November, 2019

My commission expires: 06/17/2021

Richard O'Dell
Notary Public



Affidavit reviewed by the Office of Oil and Gas: Jim Wicks Title: Oil & Gas Inspector

Plugging Report for MSHA

Well Number: 5270 Mine: Consol - Bailey Mine

Permit Number: 47-051-00711

Date Clean Out Started: 10/2/2019

Date Well Bore Plugged: 10/18/2019

Pittsburgh Coal Seam: 685 ft. To 691 ft.

Plugs:	From	To	Type of Cement
	2270'	891'	Expandable Cement
	891'	585'	Thixotropic Cement w/ Green Dye
	585'	Surface	Expandable Cement

Casing Remaining in Well Bore

	Top	Bottom	Left	Pulled
Sucker Rods				
2 3/8" tubing				
4 1/2" casing				
7" casing	1290'	1381'	91'	1290'
7" fiberglass	Surface	841'	841'	Milled 20'
8 5/8" casing				
10 3/4" casing				
16" Conductor	Surface	20'	20'	0

Cement:

Expandable	295	sacks
Thixotropic	145	sacks
Econofill		sacks
Mud Flush	1000	gal
Other		
Est. Top Thix		ft
Did Cement Circ.	YES	

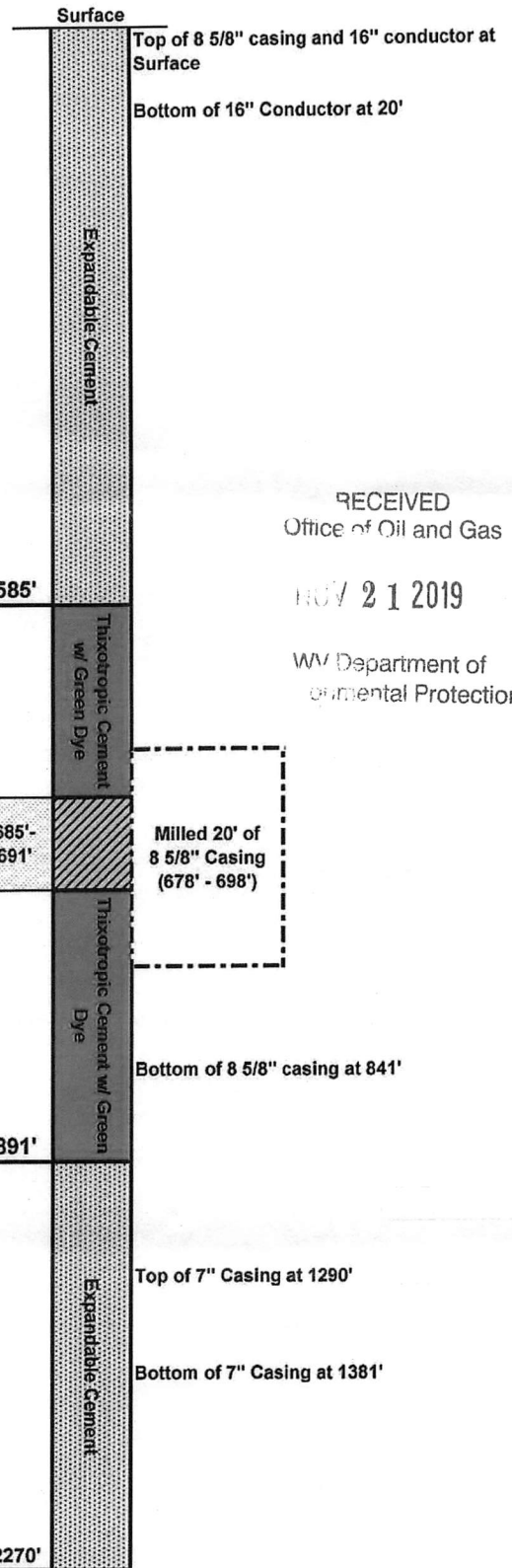
Comments:

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)	1164
Bottom of Coal Structure (Map)	473
Difference	691

Total Depth: 2270'

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CONSOL PENNSYLVANIA COAL CO.
Coal Operator or Owner
192 CRABAPPLE RD. WIND RIDGE, PA 15380
Address

CONSOL PENNSYLVANIA COAL CO.
Coal Operator or Owner
192 CRABAPPLE RD. WIND RIDGE, PA 15380
Address
JOSHUA L. BROWN
Lease or Property Owner
1391 POPULAR SPRINGS ROAD CAMERON, WV 26033
Address

LEATHERWOOD, LLC.
Name of Well Operator
1000 CONSOL ENERGY DRIVE CANONSBURG, PA 15317
Complete Address
Well Location
WEBSTER
District
MARSHALL
County
GW-5270
Well No.
JAMES A. GRAY
Farm

STATE INSPECTOR SUPERVISING PLUGGING Jim Nicholson

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of MONONGALIA ss:

ROBERT L. STEEL 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 2ND day of October, 2019 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				
Cleaned a hole with 6 1/4" bit from surface to 2270'. Tagged solid plug at 2270'. Pulled 1290' 7" casing from surface to 1290'. Left 91' of 7" casing from 1290' to 1381'. Cemented bottom hole from 2270' to 891' with 165 sacks of Expandable Cement. Left 841' of 8 5/8" casing from surface to 841' due to extreme bonding. Section milled 20' of 8 5/8" casing from 678' to 698' through the Pittsburgh Coal Seam (685'-691'). Cleaned hole with 7 7/8" bit from surface to 995' to top of cemented plug.		7" Casing 8 5/8" Casing 16" Conductor	1290' Milled 20' 0	91' 841' 20'
Cemented hub from 995' to surface as follows: From 995' to 585' with 145 sacks of Thixotropic Cement with Green Dye. From 585' to surface with 130 sacks of Expanding Cement. Cement did circulate at surface. Left 20' of 16" conductor from surface to 20' in wellbore.			RECEIVED Office of Oil and Gas NOV 21 2019 WV Department of Environmental Protection	
Coal Seams		Description of Monument		
<u>Pittsburgh</u>	<u>685'-691'</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 18th day of October, 2019

And further deponents saith not.

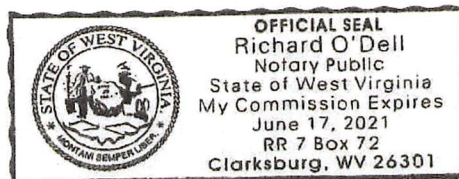
Robert L. Steel
Robert L. Steel
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Sworn to and subscribed before me this 4th day of November, 2019

Richard O'Dell
Notary Public

My commission expires:

06/17/2021



Permit No. 47-051-00711
Well No. GW-5270
Latitude: 39° 53' 30.35400"N
Longitude: 80° 33' 41.88960"W