

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.

CONSOL PENNSYLVANIA COAL CO., LLC.
Coal Operator or Owner
1525 PLEASANT GROVE RD. CLAYSVILLE, PA 15323
1000 CONSOL ENERGY DRIVE CANONSBURG, PA 15317
Address
CONSOL PENNSYLVANIA COAL CO., LLC.
Coal Operator or Owner
1525 PLEASANT GROVE RD. CLAYSVILLE, PA 15323
1000 CONSOL ENERGY DRIVE CANONSBURG, PA 15317
Address
CONSOL PENNSYLVANIA COAL COMPANY, LLC
Lease or Property Owner
1000 CONSOL ENERGY DRIVE CANONSBURG, PA 15317
Address

CONSOL PENNSYLVANIA COAL CO., LLC.
Name of Well Operator
1000 CONSOL ENERGY DRIVE CANONSBURG, PA 15317
Complete Address
CAMERON, WV 7.5'
Well Location
CAMERON
District
MARSHALL
County
5037
Well No.
CONSOL PENNSYLVANIA COAL
Farm

STATE INSPECTOR SUPERVISING PLUGGING

Bill Herdusht

8-21-13

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of MONONGALIA ss:

ROBERT STEEL and **KEVIN 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 Consol Pennsylvania Coal Company, LLC. Well Operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of July, 2013 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
	Cleaned 11" hole from the surface to 938'. Reduced hole to 9 7/8". Cleaned 9 7/8" hole from 938' to 998'. Cleaned 9 7/8" hole through the Pittsburgh Coal seam from 991' to 998'. Reduced hole to 7 7/8". Cleaned 7 7/8" hole from 998' to 1611'. Reduced hole to 6 1/4". Cleaned 6 1/4" hole from 1611' to 2218'.	16" Conductor	0'	20'
	Cemented hole from 2218' back to 891' as follows: From 2218' to 1198' with 265 sacks of Expandive Cement. From 1198' to 891' with 220 sacks of Thixotropic Cement with green dye. A total of 485 sacks of cement were used to fill the hole from 2218' to 891'.			
	<i>Remaining well bore was then converted into a De-Gasification hole from 891' to surface.</i>			
Coal Seams	Description of Monument			
<u>Pittsburgh</u>	(991' - 998')	77" of 7" casing w/company name, well number, permit number and date cemented stated on 7" casing. Well marker will be attached to the cement plug at ground level.		

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... and that the work of plugging and filling said well was completed on the 24th day of July, 2013

And further deponents saith not.

Robert Steel
Robert Steel
Kevin S. Wright
Kevin S. Wright

Sworn to and subscribed before me this 19 day of August



Monica DeFelice
Notary Public

My commission expires: 2/16/21

Permit No. 47-051-01573-P
Well No. 5038

Plugging Report for MSHA

ORIGINAL

Well Number: 5037 Mine: Bailey Mine
 Permit Number: 47-51-01573-P
 Date Clean Out Started: 7/1/2013
 Date Well Bore Plugged: 7/24/2013
 Pittsburgh Coal Seam: 991 ft. To 998 ft.

Surface

Top of 16" Conductor Casing at Surface
 Bottom of 16" Conductor Casing at 20'

891' to surface filled w/ Ben-Seal - converted to De-Gasification hole

Plugs:

From	To	Type of Cement
<u>2218'</u>	<u>1198'</u>	<u>Expansive Cement</u>
<u>1198'</u>	<u>891'</u>	<u>Thixotropic with Green Dye cement</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Thix Top: **891'**

Casing Remaining in Well Bore

	Top	Bottom	Left	Pulled
Sucker Rods				
2 3/8" tubing				
4 1/2" casing				
7" casing	Surface	889'	889'	0'
8 5/8" casing				
10 3/4" casing				
13 3/8" casing				
Other 16"	Surface	20'	20'	0'

Pittsburgh Coal

991' to 998'



Thix Bottom: **1198'**

Cement:

Expandable	<u>265</u>	sacks
Thix	<u>220</u>	sacks
Mud Flush	<u>1000</u>	Gals.
Other	<u>GREEN DYE</u>	
Est. Top Thix	<u>891'</u>	ft
Did Cement Circ.	<u>N/A</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: _____

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Total Depth: **2218'**