

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: T. & W.D. DUNN Operator Well No.: MC 56

LOCATION: Elevation: 1330.97' Quadrangle: Cameron, WV 7.5"
District: Cameron County: Marshall
Latitude: _____ Feet South of 39 Deg. 50 Min. 58.15 Sec.
Longitude: _____ Feet West of 80 Deg. 33 Min. 32.84 Sec.

Well Type: OIL _____ GAS X

Company Consolidation Coal Co Coal Operator 1 Bridge St
or Owner Monongah, WV 26554
Coal Operator _____
Agent Ronnie Harsh or Owner _____
Permit Issued Date 11/07/17

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Marshall ss:

Ralph K. Harman 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 19th day of January, 2018, and the well was plugged and filled in the following manner:

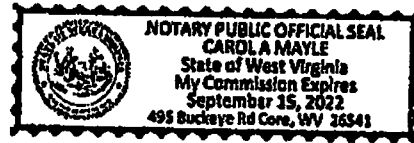
TYPE	FROM	TO	PIPE REMOVED	LEFT
Expendable	883'	Surface		
7" Steel Casing	Surface	847'	0'	847'
7" Fiberglass Casing	847'	804'	0'	57'
7" Steel Casing	804'	1125'	0'	221'

Description of monument: 7" 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 24th day of January, 2018.

And further deponents saith not. [Signature]
Kevin S. Wright

Sworn and subscribe before me this 31st day of Jan, 2018

My commission expires: 9-15-20 Carol A. Mayle
Notary Public



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

FEB 01 2018

Plugging Report for MSHA

Well Number: MC 56 (production) Mine: Marshall County Mine

Permit Number: 47-051-01095

Date Clean Out Started: 1/19/2018

Date Well Bore Plugged: 1/24/2018

Pittsburgh Coal Seam: 882 ft. To 889 ft.

Plugs:	From	To	Type of Cement
	983	Surface	Expandable Cement

Casing Remaining in Well Bore

	Top	Bottom	Left	Pulled
Sucker Rods				
2 3/8" tubing				
5 1/2" casing				
7" casing	Surface	1125'	1068'	None
8 5/8" casing				
10 3/4" casing				
16" casing				
7" Fiberglass	847'	904'	57'	None

Cement:

Expandable _____ 150 _____ sacks

Thixotropic _____ _____ sacks

Econofill _____ _____ sacks

Mud Flush _____ 1000 _____ gal

Other _____ _____ ft

Est. Top Thix _____ _____ ft

Did Cement Circ. _____ Yes _____

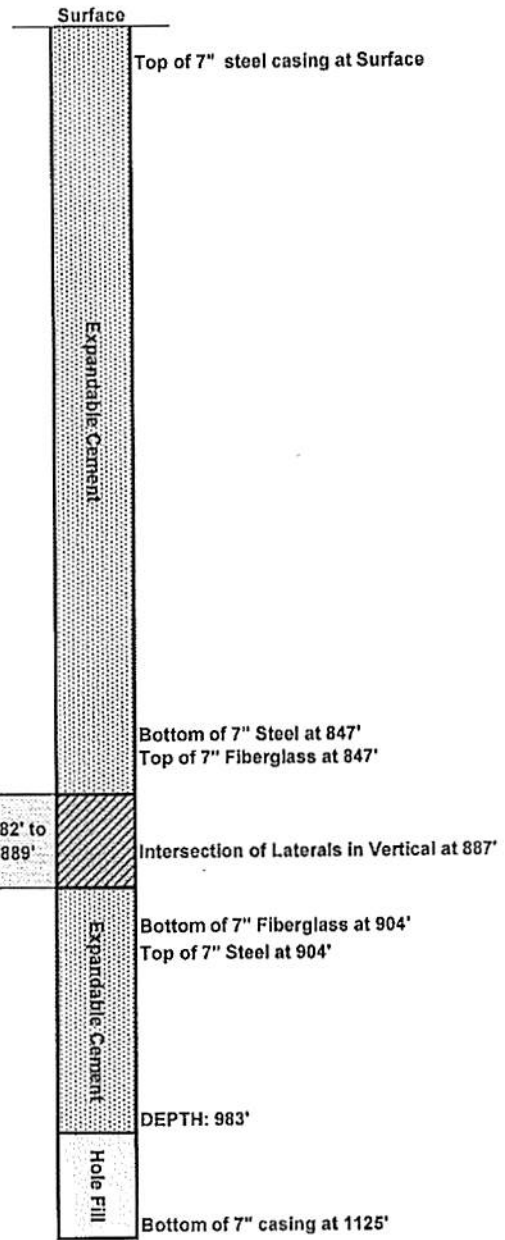
Comments:

Caving: Extreme Moderate Normal

Lost Circulation: Extreme Moderate Normal

Difficulty in Removing Casing: Extreme Moderate Normal Does Not Apply

Debris in Well Bore: Wood Steel Other: _____



Surface Elevation (Surveyed) _____

Bottom of Coal Structure (Map) _____

Difference _____ 0 _____

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WV Department of
Environmental Protection

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, 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
CONSOL MINING COMPANY LLC
Lease or Property Owner
1000 CONSOL ENERGY DRIVE CANNONBURG, PA 15317
Address

CONSOLIDATION COAL CO.
Name of Well Operator
1 BRIDGE STREET MONONGAH, WV 26554
Complete Address
CAMERON, WV 7.6"
Well Location
CAMERON
District
MARSHALL
County
MC 66 (Production)
Well No.
T. & W.D. DUNN
Farm

STATE INSPECTOR SUPERVISING PLUGGING Jim Nicholson

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of MONONGALIA ss:

RALPH K. HARMAN 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 19th day of January, 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				
Logged Production hole with caliper and gamma to a total depth of 983' (set down on hole fill). Attempted to remove 7" casing by pulling over 160% of string weight. Attempts were unsuccessful. Set bottom plug from 983' to 930' with 10 sacks of Expandable cement. Set 7" packer at 702' and pumped 5,880 Gal of cement or 147.37% of the calculated volume into the laterals through the coal seam, access hole to bridge plug, production hole from bottom hole plug to packer. Until cement was visible at all 4 laterals, intercepted at 16E section of the mine. Note, no casing was present in the coal laterals. Released from 7" packer and cemented the hole from 702' to the surface with 140 sacks of Expandable cement. Cement did circulate at the surface. Left 1125' of 7" casing from the surface to 1125' with fiberglass 7" casing from 847' to 904' through the Pittsburgh Coal Seam (882' - 889').		7" Steel Casing	0'	1068'
		7" Fiberglass Casing	0'	57'
Coal Seams		Description of Monument		
Pittsburgh	(882' - 889')	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 24th day of January, 2018

And further deponents saith not.

Ralph K. Harman
Ralph K. Harman

Kevin S. Wright
Kevin S. Wright

Sworn to and subscribed before me this 31st day of Jan 2018

Carol A. Mayle
Notary Public

My commission expires: 9-15-22



Permit No. 47-051-01085-P
Well No. MC 66 (production)
Latitude: 39° 50' 58.18"N
Longitude: 80° 33' 32.84"W

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Office of Oil and Gas

FEB 01 2018