WR-38 Rev. 5/08

# 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:	AMES CARM	ICHAELS	Operator W	/ell No.: M-17	758			
1	Elevation: 1140.76' District: Webster atitude:		Quadrang County:	Majorsvil Marshal	le, WV 7			
l	ongitude:	Feet West of	80 De			Sec.		
Well Type: OI	L GASX							
Company C	Consolidation Co	al Co Coal O	perator 1 B	ridge St nongah, WV 265	554			
Agent Permit Issued	David Roddy I Date 04/11/2	or Own	perator					
STATE OF WE		A	FFIDAVIT					
well operator,	ennett and y are experienced in the and participated in the day of June	he work of plugging work of plugging a	and filling oil nd filling the	and gas wells ar above well say	d were em	work was com	oove named	
TYPE	FROM	ТО	PIPE	REMOVED		LEFT		
Thixetropic	953'	598'						
Expandable	598'	282'						
Expandable	282'	Surface						
10 3/4"	917'	Unknown		678'		Unknown		
18" Conductor	Surface	20'		0,		20'		٠.
said well was o	f monument: 77° of 7° cost. completed on the 31st	ng with company name, well #	API #, and date car		nd that the	work of pluggir	ng and filling	
	deponents saith not.		8. W.			St	RY PUBLIC OFFICIAL SEAL CAROL A MAYLE ate of West Virginia Commission Expires	
	ubscribe before me the expires: 9-/5-3		Aug Corn	20 <u>18</u> A Ma Notary Public	74		RECEIVEL	)
Affidavit review	ed by the Office of Oil	and Gas: Jim	Miles	2	Tille: _	Oil & Gas Ir	Office of Oil and aspector AUG 1 0 20	

## Plugging Report for MSHA

2 3/8" tubing	Date Clean Out Started: 6/27/2018  Date Well Bore Plugged: 7/31/2018  Pittsburgh Coal Seam: 708 ft. To 714 ft.  Plugs: From To Thixotropic Cement with green dye Sea" 282' Expandable Cement  282' Surface Expandable Cement  Casing Remaining in Well Bore Expandable Cement  Casing Remaining in Well Bore Thix Top Bottom Loft Pulled 22 82' Expandable Cement  Casing Remaining in Well Bore Thix Top Bottom Loft Pulled 22 82' Expandable Cement  Casing Remaining in Well Bore Thix Top Bottom Loft Pulled 22 82' Expandable Cement  Casing Remaining in Well Bore Thix Top Bottom Loft Pulled 22 82' Top Bottom Loft Pu	Well Numb	oer:l	M-1758		Mine: Harris	son County Mi	ne		Surface	
Date Clean Out Started: 6/27/2018   Date Well Bore Plugged: 7/31/2018	Date Clean Out Started: 6/27/2018  Date Well Bore Plugged: 7/31/2018  Pittsburgh Coal Seam: 708 ft. To 714 ft.  Plugs: From To Thixotropic Cement with green dye Search Se										Top of 16" Conductor Casing at Surface
Date Clean Out Started:   6/27/2018   Date Well Bore Plugged:   7/31/2018   Pittsburgh Coal Seam:   708 ft.   To   714 ft.   Plugs:   From   To   Type of Cement   Thixotropic Cement with green dye   S98'   Z82'   Expandable Cement   Z82'   Surface   Expandable Cement   Z82'   Z8	Date Clean Out Started:   6/27/2018	Permit Nm	ber:	47-051-0202	5						•
Date Well Bore Plugged: 7/31/2018  Pittsburgh Coal Seam: 708 ft. To 714 ft.  Plugs: From To Type of Cement Thixotropic Cement with green dye  598' 282' Expandable Cement  282' Surface Expandable Cement  Casing Remaining in Well Bore Thix Top: 598'  Casing Remaining in Well Bore Thix Top: 598'  Casing Remaining in Well Bore Thix Top: 598'  Casing Top Bottom Left Pulled 1912' easing 1917' Unknown Unknown 678' 1913' easing 1917' Unknown 1913' easing 1913' Unknown 1913' easing 1913' easing 1913' easing 1913' easing 1913' Unknown 1913' easing 1913' e	Date Well Bore Plugged: 7/31/2018  Pittsburgh Coal Seam: 708 ft. To 714 ft.  Plugs: From To Type of Cement Thixotropic Cement with green dye green dye  598' 282' Expandable Cement  282' Surface Expandable Cement  Casing Remaining in Well Bore Thix Top: 598'  Sucker Rods Top Bottom Left Pulled 23'8' tubing 112' casing 113' casing	Date Clear	n Out Started	: 6/2	7/2018						Bottom of 16" Conductor Casing at 20"
Piltsburgh Coal Seam:   708 ft.   To   714 ft.     Type of Cement     Thixotropic Cement with green dye	Pittsburgh Coal Seam: 708 ft. To 714 ft.  Plugs: From To Thixotropic Cement with green dye  598' 282' Expandable Cement  Casing Remaining in Well Bore Expandable Cement  Casing Remaining in Well Bore Thix Top: 598'  Casing Top Bottom Left Pulled Told Told Told Told Told Told Told Tol										
Plugs:	Plugs: From To Thixotropic Cement  953' 598' Thixotropic Cement with green dye  598' 282' Expandable Cement  Casing Remaining in Well Bore  Thix Top: 598'  Casing Remaining in Well Bore  Thix Top: 598'  Casing Remaining in Well Bore  Thix Top: 598'  Thix Top: 598'  Thix Top: 598'  Thix Top: 598'  Plugs: Thix Top: 598'  Thix Top: 598	Date weil	Bote Flugge	A365							
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Casing Remaining in Well Bore	Casing Remaining in Well Bore  Casing Remaining in Well Bore  Thix Top: 598'  Sucker Rods 2 3/8" tubing 5 1/2" casing 7" casing 7" casing 10 3/4" Casing 917' Unknown Unknown 678' 10 3/4" Casing 917' Unknown Unknown 678' 10 3/4" Casing Surface Other  Pittsburgh Coal  Pittsburgh Coal  Cement: Expandable 475 sacks Thix Top: 598'  Pittsburgh Coal  Pittsburgh Coal  Comments: Comments: Caving: Extreme Moderate Normal Does Not Apply Difficulty in Removing Casing: Extreme Moderate Normal Does Not Apply Difficulty in Removing Casing: Extreme Moderate Normal Does Not Apply Dibris in Well Bore: Wood Steel Other:	***************************************			•			ē.		able	
Casing Remaining in Well Bore	Casing Remaining in Well Bore  Casing Remaining in Well Bore  Thix Top: 598'  Sucker Rods 2 3/8" tubing 5 1/2" casing 7" casing 7" casing 10 3/4" Casing 917' Unknown Unknown 678' 10 3/4" Casing 917' Unknown Unknown 678' 10 3/4" Casing Surface Other  Pittsburgh Coal  Pittsburgh Coal  Cement: Expandable 475 sacks Thix Top: 598'  Pittsburgh Coal  Pittsburgh Coal  Comments: Comments: Caving: Extreme Moderate Normal Does Not Apply Difficulty in Removing Casing: Extreme Moderate Normal Does Not Apply Difficulty in Removing Casing: Extreme Moderate Normal Does Not Apply Dibris in Well Bore: Wood Steel Other:	953'		598'		CONTRACTOR OF STREET AND STREET				Cer	
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Casing Remaining in Well Bore  Thix Top: 598'  Sucker Rods 2 38" tubing 5 1/2" casing 7" casing 10 3/4" Casing 917' Unknown Unknown 678' 16" casing Surface 20' 20' 0' Other  Pittsburgh Coal  Cement: Expandable 475 sacks Thix otropic 290 sacks Econoffil sacks Mud Flush 000 gal Other  Est. Top Thix 598' ft Did Cement Circ. Yes  Comments: Caving: Extreme Moderate Normal Cost Circulation: Extreme Moderate Normal Difficulty in Removing Casing: Extreme Moderate Normal Difficulty in Removing Casing: Extreme Moderate Normal Difficulty in Removing Casing: Extreme Moderate Normal Does Not Apply  Top of 10 3/4" Casing at 917'	Casing Remaining in Well Bore	556		202	<u> </u>	Expandas	ne Cement				
Casing Remaining in Well Bore  Thix Top: 598'  Sucker Rods 2 3/8" tubing 5 1/2" casing 7" casing 7" casing 91" Unknown Unknown 678' 16" casing Surface 20' 20' 0' Other  Pittsburgh Coal  Expandable 475 sacks Thix otropic 290 sacks Econoffil sacks Mud Flush 1000 gal Other  Sacks Mud Flush 1000 gal Other  Est. Top Thix 598' ft Did Cement Circ. Yes  Comments: Caving: Extreme Moderate Normal Difficulty in Removing Casing: Extreme Moderate Normal Difficulty in Removing Casing: Extreme Moderate Normal Does Not Apply  Thix Top: 598'  Pittsburgh Coal  Thix Top: 598'  Top of 10 3/4" Casing at 917'	Casing Remaining in Well Bore	282'		Surface		Expandal	ole Cement				
Top   Bottom   Left   Pulled	Top   Bottom   Left   Pulled   Sucker Rods   2 3/8" tubing   5 1/2" casing   7" casing							•0			
Top   Bottom   Left   Pulled	Top   Bottom   Left   Pulled   Sucker Rods   2 3/8" tubing   5 1/2" casing   7" casing				_ =			•8			=
Top   Bottom   Left   Pulled	Top   Bottom   Left   Pulled	Casing	Remaining	in Well Bor	e			Thix Ton:	598'		χ.
10 3/4" Casing	10 3/4" Casing   917'   Unknown   Unknown   678'   16" casing   Surface   20'   20'   0'	<del>Guonia</del> i			<u>×</u>			Till Topi		#	
10 3/4" Casing	10 3/4" Casing   917'   Unknown   Unknown   678'   16" casing   Surface   20'   20'   0'	Puelsey Dede	Тор	Bottom	Left	Pulled				8 8	
10 3/4" Casing	10 3/4" Casing   917'   Unknown   Unknown   678'   16" casing   Surface   20'   20'   0'									8 8	
10 3/4" Casing	10 3/4" Casing   917'   Unknown   Unknown   678'   16" casing   Surface   20'   20'   0'	5 1/2" casing								9 8	
10 3/4" Casing	10 3/4" Casing   917'   Unknown   Unknown   678'   16" casing   Surface   20'   20'   0'	7" casing								88	
16" casing   Surface   20"   20"   0"	16" casing   Surface   20"   20"   0"		0.451		11.1	0701				° 8	
Pittsburgh Coat	Cement:  Expandable 475 sacks Thixotropic 290 sacks Econofiil sacks Mud Flush 1000 gal Other  Est. Top Thix 598' 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:  Top of 10 3/4" Casing at 917'							г		minin	
Pittsburgh Coal   T14"	Cement:  Expandable 475 sacks Thixotropic 290 sacks Econofiil sacks Mud Flush 1000 gal Other Est. Top Thix 598' 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	20	20	U		1	708' -		
Cement:         Expandable         475         sacks           Thixotropic         290         sacks         50           Econofill         sacks         50           Mud Flush         1000         gal           Other         598'         ft           Est. Top Thix         598'         ft           Did Cement Circ.         Yes         70           Comments:         Comments:         60           Caving:         Extreme         Moderate         Normal           Lost Circulation:         Extreme         Moderate         Normal           Difficulty in Removing Casing:         Extreme         Moderate         Normal           Does Not Apply         Top of 10 3/4" Casing at 917'	Cement:  Expandable 475 sacks Thixotropic 290 sacks Econofill sacks Mud Flush 1000 gal Other  Est. Top Thix 598' 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:		,						the state of the s		
Expandable	Expandable 475 sacks Thixotropic 290 sacks Econofill sacks Mud Flush 1000 gal Other Est. Top Thix 598' 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:  Top of 10 3/4" Casing at 917'						<u>Pittsb</u>	urgh Coal			
Thixotropic	Thixotropic 290 sacks  Econofill sacks  Mud Flush 1000 gal  Other  Est. Top Thix 598' 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:  Top of 10 3/4" Casing at 917'	Cement:									
Thixotropic 290 sacks  Econofill sacks  Mud Flush 1000 gal  Other  Est. Top Thix 598' 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:  Top of 10 3/4" Casing at 917'		Expandable								#	
Sacks Mud Flush Other  Est. Top Thix 598' 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:  Sacks  Gal  Sacks  Gal  Gal  Gal  Gal  Gal  Gal  Gal  Ga				290						å	
Other  Est. Top Thix 598' 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:  Top of 10 3/4" Casing at 917'			7	1000						ä	
Est. Top Thix 598' 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:  Top of 10 3/4" Casing at 917'		Other	-			. 90.				8	
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: Top of 10 3/4" Casing at 917'		Est. Top Thix		598'		ft			ŀ	8	
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 917'		Did Cement Cir	rc	Yes						TIGHT	
Caving: Extreme Moderate <u>Normal</u> Lost Circulation: Extreme Moderate <u>Normal</u> Difficulty in Removing Casing: Extreme <u>Moderate</u> Normal Does Not Apply  Debris in Well Bore: <u>Wood</u> <u>Steel</u> Other:		Comments:									
Lost Circulation: Extreme Moderate <u>Normal</u> Difficulty In Removing Casing: Extreme <u>Moderate</u> Normal Does Not Apply  Debris in Well Bore: <u>Wood</u> <u>Steel</u> Other:			reme	Moderate	<u>Normal</u>					9	
Difficulty In Removing Casing: Extreme <u>Moderate</u> Normal Does Not Apply Debris in Well Bore: <u>Wood</u> Steel Other:										en	
Debtis in Well Bore: Wood Steel Other:							Does Not A	pply		Q	Top of 10 3/4" Casing at 917'
	Thix Bottom/Total Depth: 953' Bottom of 10 3/4" Casing at Unknown	Deptis in Well I	bore:	<u>vvooa</u>	21661	Other:		•		Φ	
Thix Bottom/Total Depth: 953' Bottom of 10 3/4" Casing at Unknown	The state of the s					Thix	Bottom/Total	Depth:	953'		Bottom of 10 3/4" Casing at Unknown

Surface Elevation (Surveyed)
Bottom of Coal Structure (Map)
Difference

1144.05 435 709.05

RECEIVED Office of Oil and Gas

AUG 1 0 2018

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

**CURTIS ALLEN** Lease or Property Owner 10976 MIDDLE GROVE CREEK RD CAMERON, WV 26033

Address

CONSOLIDATION COAL CO. Name of Well Operator

1 BRIDGE STREET MONONGAH, WV 26554

**Complete Address** MAJORSVILLE, WV 7.5" **Well Location** WEBSTER District

MARSHALL County M-1758 Well No.

JAMES CARMICHAELS Farm

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 27th day of June, 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							
	om surface to 239'. Tagged 10 3/4" casing at ole from 239' to 953'. Tagged plug at 953'.	10 ¾"	678'	Unknown			
Removed 678' of 10 % amount of 10 % casin depth. Cleaned 12 % casing at 917'. Cleane Seam (708' –714'). Le Attempted to remove r string weight. All attem Cemented hole back f From 953' to 598' with 2 dye. From 598' to 282' v	"casing from 239' to 917'. Left an unknown g in the hole from 917' to an unknown hole from 239' to 917'. Tagged 10 %" d 12 %" hole through the Pittsburgh Coal of 12 0' of 16" conductor from surface to 20'. emaining 10 %" casing by pulling 150% of opts were unsuccessful.  Tom 953' to the surface as follows: 290 sacks of Thixotropic cement with green with 238 sacks of Expandable cement. From 237 sacks of Expandable cement. Cement did	16" Conductor 0' 20'					
coal Seams Description of Monument							
Pittsburgh	(708' - 714')	77" of 7" casing w/ company name, well number,					
		permit number and date cemented stated on a casing. Well marker will be attached to cemer					
<del></del>							
***************************************		plug at ground level.					

... and that the work of plugging and filling said well was completed on the 31st day of July, 2018

And further deponents saith not.

My commission expires: 9-15-2-2

NS Dustin W. Bennett

S. Wugt un Kevin S. Wright

Sworn to and subscribed before me this 7th day of Aug 2018

Notary Public

Permit No. <u>47-051-02025</u>

Well No. <u>M-1758</u> Latitude: <u>39° 52' 46.56"N</u> Longitude: 80° 35' 49.97"W

RECEIVED Office of Oil and Gas

AUG 1 0 2018

NOTARY PUBLIC OFFICIAL SEAL CAROL A MAYLE State of West Virginia My Commission Expires September 1: 7022 495 Buckeye Rd Core, w. 26541

WV Department of **Environmental Protection**