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 m Well Operator and the third copy (and extra copies if re	ailed to the Department, one co equired) should be mailed to e	by to be retained by the each coal operator at
their respective addresses.		

ir respective a							
rm name: 1.V	/. Beaty		Operator Well	No.: 5096			
	vation: 1269.01'		Quadrangle:	Glover Gap	7.5'		
	. Manningto	n ·	County	Manon			
اما	itudo:	Feet South of	39 Deg	31 Min!	50.42 Sec.		
Lai	ngitude:	Feet West of	80 Deg.	25 _{Min.}	03.24 _{Se}	9G.	
[_0]	igitude.						
eli Type: OIL.	GASX						
omnany Co	onsolidation Coa	al Co Coal Op	erator 1 Brid	ge St			
Ompany		or Owne		ngah, WV 26554	·		
		Cool O	nerator				
	Ronnie Harsh	or Own					
Agent Permit Issued l						· · · · · · · · · · · · · · · · · · ·	
		Δ.	FFIDAVIT				
TATE OF WES	T VIRGINIA.	~					
Maria January	ion ss:				•		
ounty of	35.						
		Kevin S.	Wright	being first d	uly swom ac	cording to	law depose .
Michael P. Mi	ichell and		a filling oil or	being first d	were employed	by the ab	ove named
Michael P. Mil	ichell and are experienced in the	e work of plugging	and filling oil a	nd gas wells and hove well say th	were employed at said work	d by the about was comm	ove named
Michael P. Mil nd say that they rell operator, an		e work of plugging	and filling oil a	nd gas wells and hove well say th	were employed at said work	d by the about was comm	ove named
Michael P. Mil nd say that they ell operator, and 7th	are experienced in the day of December	ne work of plugging awork of plugging a 2017, and the	and filling oil ai nd filling the a well was plug	nd gas wells and hove well say th	were employed at said work	d by the about was comm	ove named
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Michael P. Mind say that they ell operator, and the TYPE Expandable Thixotropic Expandable 16" Conductor	are experienced in the day of	ne work of plugging awork of plugging as 2017, and the TO 1139' 813' Surface 18'	and filling oil at nd filling the a well was plug PIPE R	nd gas wells and bove well say the ged and filled in EMOVED	were employed at said work in the following	d by the above was commented in the second manner:	nenced on
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Michael P. Mil and say that they rell operator, an 7th TYPE Expandable Thixotropic Expandable 16" Conductor Description of said well was co	ard experienced in the day ofDecember	ne work of plugging as work of plugging as 2017, and the TO 1139' 813' Surface 18'	and filling oil at and filling the a well was plug PIPE F	nd gas wells and bove well say the ged and filted in EMOVED O' ented. an	were employed nat said work in the following distribution that the world that the world distribution the world distribution that the world distribution the world distribution that the world distribution that the world distribution the world distribution that the world distribution the world distribution that the world distribution that the world distribution the world di	the above the ab	nenced on ing and filling ing and filling
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Michael P. Mind say that they rell operator, and the TYPE Expandable Thixotropic Expandable 16" Conductor Description of said well was conducted and further displayed by the commission of the	are experienced in the day ofDecember FROM	ne work of plugging as work of plugging as 2017, and the TO 1139' 813' Surface 18' Ing with company name, well # Author December 18' Multiple Author 18	and filling oil at and filling the a well was plug PIPE FI AFI#, and date composition of the composition o	nd gas wells and bove well say the ged and filled in ged and filled in the ged and ged	were employed nat said work in the following distribution that the world that the world distribution the world distribution that the world distribution the world distribution that the world distribution that the world distribution the world distribution that the world distribution the world distribution that the world distribution that the world distribution the world di	the above the ab	nenced on ing and filling ing and filling

FORM WR-38 (Affidavit of Plugging)

WEST VIRGINIA DEPARTMENT OF ENVIROMENTAL PROTECTION OIL AND GAS WELLS DIVISION

SUPPLEMENTAL

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

CONSOLIDATION COAL CO.

Lease or Property Owner

1 BRIDGE STREET MONONGAH, WV 26554

Address

CONSOLIDATION COAL CO.

Name of Well Operator

1 BRIDGE STREET MONONGAH, WV 26554

Complete Address **GLOVER GAP**

Well Location MANNINGTON

District MARION

County 5096

Well No. I.W. BEATY

STATE INSPECTOR SUPERVISING PLUGGING

AFFIDAVIT

STATE OF WEST VIRGINIA,

MICHAEL P. MITCHELL 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 7th day of December, 2017 and that the well was plugged in the following manner: County of MONONGALIA ss:

Sand or Zone Record	Filling Material	Casing/Tubing Size	Casing Pulled	Casing Left in
Formation			0,	18'
Cleaned hole with 12 19 7/8" bit at 218'. Clean Reduced hole to 7 7/8' from 1359' to 1538'. Rehole with 6 1/8' bit from depth at 1540' drilling the Pittsburgh Coal Secure 1540' to 1139' wit 1139' to 813' with 200 secure 433' to surface 433' to surface 433' to surface 433' to surface 43	4" bit from surface to 218". Reduced hole to ned hole with 9 7/8" bit from 218" to 1359". bit at 1359". Cleaned hole with 7 7/8" bit educed hole to 6 ½" bit at 1538". Cleaned 1538" to 1540". Called sustainable total on a clay plug. Cleaned 9 7/8" hole through sam (932" – 939"). Tom 1540" to the surface as follows: h 175 sacks of Expandable cement. From tacks of Thixotropic cement with green dye. th 350 sacks of Expandable cement. Cement ace, Left 18" of 16" casing in the well from	16*		
Coal Seams		Description of Monum	ent	all muschest
Pittsburgh	(932' - 939')	77" of 7" casing w/ com	oany name, w	en number
r manaren		permit number and date	cemented st	ateu on /
		I amaine think moreover will	to cement	
		casing. Well marker will plug at ground level.	pe attached	O Cement

... and that the work of plugging and filling said well was completed

And further deponents saith not.

Michael P. Mitchell

Kevin S. Wright,

day of Jan 2018 Sworn to and subscribed before me this $\tilde{\beta}^{th}$

Notary Public

Permit No. <u>47-049-02472-P</u> Well No. 5096

Latitude: <u>39° 31′ 50.42"N</u> Longitude: 80° 25' 03.24"W

My commission expires: $9-15-3\frac{1}{2}$

NOTARY PUBLIC OFFICIAL SEAL CAROL A MAYLE State of West Virginia My Commission Extres September 15, 2022

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State of West Virginia

Department of Environmental Protection - Office of Oil and Gas

Discharge Monitoring Report Oil and Gas General Permit

Company Name:	Consolidation Coal Compan	у
API No:	47-49-02472	County: Marion
District:	Mannington	Well No: 5096
Farm Name:	I.W. Beaty	
Discharge Date/s l	From:(MMDDYY) 12/07/	To: (MMDDYY) 12/22/17
Discharge Times.	From: 10:00 A.M.	To: 5:00 P.M.
Total Volume to b	e Disposed from this facil	ity (gallons): 21000
Disposal Option(s) Utilized (write volumes i	n gallons):
(1) Land Applica	tion: 0	(Include a topographical map of the Area.)
(2) UIC:	0	Permit No.
(3) Offsite Dispo	sal: 21000	Site Location: U-78-83
(4) Reuse:	0	Alternate Permit Number:
(5) Centralized F	acility: 0	Permit No.
(6) Other method	1: 0	(Include an explanation)
Follow Instruction	as below to determine your	treatment category: (N/ft)
Optional Pretreat	ment test: Cl-	mg/l DO mg/l
		ed treatment from the Director or his representative?
(Y/N)		and place a four (4) on line 7.
If not go to 1		CONTAIN TO THE STREET OF THE STREET OF THE
	uid or flowback put into the	e pit? (Y/N) If yes, go to line 5. If not, go to
line 3.	1-1dolinetuo otuo	ent (see above)? (Y/N) If yes, go to line 4
If not, go to l		ent (see above)? (Y/N) If yes, go to line 4
	de level less than 5000 mg/	/l? (Y/N) If yes, then enter a one (1) on line 7.
	a pretreatment value for D	
,	a three (3) in line 7.	
	vel greater than 2.5 mg/l?(Y/N) If yes, enter a two (2) on line 7. If
	hree (3) on line 7.	· — ···
7 is t	he category of your pit. Us	se the Appropriate section.
8. Comments	s on Pit condition:	
	pal Exec. Officer: Ronnie	Harsh
Title of Officer		
Date Complete		11 1 1 5 1 1 1 6 11 1 1 1 1 1 1 1 1 1 1
I certify un	der penalty of law that I	have personally examined and am familiar with the
		and all the attachments and that, based on my inquiry sible for obtaining the information I believe that the
information is	true accurate and complet	te. I am aware that there are significant penalties for
cubmitting false	rue, accurate, and complete information including th	e possibility of fine and imprisonment.
/	Ashard Pyth	dehit
	Signature of a Principal	Exec. Officer or Authorized agent.

WR-34				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
Page 2 of 3		150			
		(N/4	y		
Category 1		- Canal			
Sampling Results					
API No:					
		_			
	Predis	scharge	Discl	narge	
Parameter	Limits	Reported	Limits	Reported	Units
рН	6-10	•	6-10	•	S.U
Settling Time	5		N/A	N/A	Days
Fe	6		6	-	mg/l
D.O.	2.5		2.5		mg/l
Settleable Sol.	0.5	• • • • • • • • • • • • • • • • • • • •	0.5		mg/l
Cl	5,000		5,000		mg/l
Oil	Trace		Trace		Obs.
TOC**			Monitor		mg/l
Oil and Grease			Monitor		mg/l
Total Al***			Monitor		mg/l
TSS			Monitor		mg/l
Total Mn	Monitor		Monitor		mg/l
Volume	1110111101		Monitor		Gal
Flow			Monitor		Gal/min
Disposal Area			Monitor		Acres
*** Al is only repor	ted if the pH	is above 9.0			
itt is omy ropor	ted if the pri	15 45010 310			
Category 2					
Sampling Results					
API No:	•				
Arrivo.					
	Predi	scharge	Discl	harge	
Parameter	Limits	Reported	Limits	Reported	Units
pН	6-10		6-10		S.U
Settling Time	10		N/A	N/A	Days
Fe	6		6		mg/l
D.O.	2.5		2.5		mg/l
Settleable Sol.	0.5		0.5		mg/l
Cl*	12,500		12,500		mg/l
Oil	Trace		Trace		Obs.
TOC**			Monitor		mg/l
Oil and Grease			Monitor		mg/l
Total Al***			Monitor		mg/l
TSS			Monitor		mg/l
Total Mn	Monitor		Monitor		mg/l
Volume			Monitor		Gal
Flow			Monitor		Gal/min
Disposal Area			Monitor		Acres
* Can be 25,000 with	th inspector's	s approval,			

(Inspector's signature):

** Include a description of your aeration technique.

*** Al is only reported if the pH is above 9.0

Date:

Aeration Code:

WR-	34		
Page	3	of 3	



Category 3
Sampling Results
API No:

	Predi	scharge	Disc	Discharge		
Parameter	Limits	Reported	Limits	Reported	Units	
pН	6-10	-	6-10		S.U	
Settling Time	20		N/A	N/A	Days	
Fe	6		6		mg/l	
D.O.	2.5		2.5		mg/l	
Settleable Sol.	0.5		0.5		mg/l	
Cl*	12,500		12,500		mg/l	
Oil	Trace		Trace		Obs.	
TOC**			Monitor		mg/l	
Oil and Grease			Monitor		mg/l	
Total Al***			Monitor		mg/1	
TSS			Monitor		mg/l	
Total Mn	Monitor		Monitor		mg/l	
Volume			Monitor		Gal	
Flow			Monitor		Gal/min	
Disposal Area			Monitor		Acres	
* Can be 25,000 v	vith inspector's	approval,				
(Inspector's signar	ture):		D	ate:		
** Include a descr		aeration technic	jue.	Aeration Cod	le:	
*** Al is only rep			•			
Category 4						
Sampling Results						
API No:						
		_	D!			

	Predis	Predischarge Dis			
Parameter	Limits	Reported	Limits	Reported	Units
pН	6-10		6-10		S.U
Settling Time	1		N/A	N/A	Days
Fe	Monitor		Monitor		mg/l
D.O.	Monitor		Monitor		mg/l
Settleable Sol.	Monitor		Monitor		mg/l
Cl*	12,500		12,500		mg/l
Oil	Trace		Trace		Obs.
TOC**			Monitor		mg/l
Oil and Grease			Monitor		mg/l
TSS			Monitor		mg/l
Total Mn	Monitor		Monitor		mg/l
Volume			Monitor		Gal
Flow			Monitor		Gal/min
Activated Carbon (0	.175) .		N/A	N/A	lb/Bl
Date Site Reclaimed	N/A	N/A			10 days from dis.
Disposal Area			Monitor		Acres
* Can be 25,000 w	ith inspector's	approval,			

Date:

(Inspector's signature):

Plugging Report for MSHA

Well Num	ber:	5096	Ī	Mine: <u>Harri</u>	son County	Mine	Surface			
Permit Nn	nher.	47-049-0247	'2-P					Top of 16" Con	ductor C	asing at Surface
	n Out Started		7/2017					Bottom of 16" C	Conduct	or Casing at 18'
	Bore Plugged		22/2017							
	Coal Seam:		32 ft.	To 939 ft.			m			
Plugs:					_		xpano			
From		То	-	Type of Cem		-	table			
1540)' 	1139'	•	Expandab	e Cement	_	Expandable Cement			
1139	9'	813'	-	Thixotropic Green		_	Ē			
813		Surface	-	Expandab	le Cement	_				
Casing	Remaining	in Well Bor	- <u>e</u>			— Thix Top: 813'				
	Тор	Bottom	Left	Pulled			TEIDX			
ucker Rods 3/8" tubing	100						Hixetropic Gement			
1/2" casing " casing							8 8 8 8			
5/8" casing							ye men			
0 3/4" casing 6" casing	Surface	18'	18'	0,						
ther						932' to 939'		1		CODY
					<u>Pitts</u>	burgh Coal				COPY
Cement:										
xpandable hixotropic		525 200		_sacks _sacks			Ę,			
conofili Iud Flush	-	1000		_sacks gal			j j			
other st. Top Thix		813		 ft			η Ω			
id Cement Ch	rc	Yes		-'' -			inyotropic cemanew Gre			
Comments:							9			
aving: Ex ost Circulatio	treme n: Extre	Moderate eme Moder	<u>Normal</u> rate	Normal Normal	•					
ifficulty in Re	moving Casi			erate Normal Other:	Does Not	<u>Apply</u>	nibye			
CDITS III TYCII	Dole.	<u> 77000</u>	0.00		This	– Bottom: 1139'				
					11112	Bottom: 1139				
							EΧĐ			
Surface Elev Bottom of Co	ation (Surve) al Structure (yed) <u>13</u> (Map) 3	274 343				Expandable Cement			
	ference		931				ble			
							eme			
							Ž			
							100000000000000000000000000000000000000	1		

Total Depth: 1540'