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:	Ezra Sayers		Operator Well No.:BAR-	1032	
			Quadrangle: Phillipi, W		
LOCATION:	Elevation: 1470'				
	District: Pleasant		County.	NAMES OF THE PROPERTY OF THE P	
	Latitude:	Feet South of _	39 Deg. 13 Min.	01Sec.	
	Longitude:	Feet West of_	80 Deg. 04 Min.	Sec.	
Well Type: C	OIL X GAS				
Company	Wolf Run Mining	LLC Coal Op-	perator 100 Tygart Drive Grafton, WV 26354		
		or Own	Granton, vv v 20004		
		Coal O	nerator		and additional to the state of
Agent	Charles E. Duc		4		
Permit Issue			Registration of the second sec		
1 0/11/11 1000					de annual
		A	FFIDAVIT		
County of M	EST VIRGINIA, onongalia ss:				
County of	53.				
Ralph K. H				duly sworn according to law d	
and say that the	ney are experienced in t	he work of plugging	and filling oil and gas wells ar	nd were employed by the above n	named
well operator	and participated in the	work of plugging a	nd filling the above well say	that said work was commence	ed on
the 16th	day of Octobe	7, 20 <u>18</u> , and the	well was plugged and filled	in the following manner.	
TYPE	FROM	ТО	PIPE REMOVED	LEFT	
Expandable with Gas		3350'	1 1 500 1 5 500 5 50		
Expandable					
	3350'	1232'			
Thixoptropic					
		1232'			
Thixoptropic	1232'	1232' 626'	3350'	951'	
Thixoptropic Expandable	1232 ' 626"	1232' 626' Surface	Milled 291	1096'	
Thixoptropic Expandable 4 1/2"	1232' 626" 4301'	1232' 626' Surface 3350'			
Thixoptropic Expandable 4 1/2" 8 5/8" 16"	1232' 626" 4301' 1125' 5'	1232' 626' Surface 3350' Surface Surface	Milled 29 ¹ 0 ¹	1096' 5'	filling
Thixoptropic Expandable 4 1/2" 8 5/8" 16" Description	1232' 626" 4301' 1125'	1232' 626' Surface 3350' Surface Surface	Milled 29' O' API#, and date cemented.	1096'	filling
Thixoptropic Expandable 4 1/2" 8 5/8" 16" Description said well was	1232' 626" 4301' 1125' 5' of monument: 77" of 7" cast completed on the 1st	1232' 626' Surface 3350' Surface Surface	Milled 29' O' API#, and date cemented.	1096' 5'	filling
Thixoptropic Expandable 4 1/2" 8 5/8" 16" Description said well was	1232' 626" 4301' 1125' 5' of monument: 77" of 7" cast	1232' 626' Surface 3350' Surface Surface	Milled 29' O' API#, and date cemented.	and that the work of plugging and	OFFICIAL SEAL
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Thixoptropic Expandable 4 1/2" 8 5/8" 16" Description said well was And furthe	1232' 626" 4301' 1125' 5' of monument: 77" of 7" cast completed on the 1st r deponents saith not.	1232' 626' Surface 3350' Surface Surface Ong with company name, well # day of Novemb	Milled 29' 0' API#, and date cemented, per, 20_18 .	and that the work of plugging and	OFFICIAL SEAL ichard O'Dell Notary Public a of West Virginia
Thixoptropic Expandable 4 1/2" 8 5/8" 16" Description said well was And furthe	1232' 626" 4301' 1125' 5' of monument: 77" of 7" cast completed on the 1st	1232' 626' Surface 3350' Surface Surface Ong with company name, well # day of Novemb	Milled 29' 0' API#, and date cemented, per, 20_18 .	and that the work of plugging and	OFFICIAL SEAL Chard O'Dell Notary Public of West Virginia mmission Expires June 17, 2021
Thixoptropic Expandable 4 1/2" 8 5/8" 16" Description said well was And furthe	1232' 626" 4301' 1125' 5' of monument: 77" of 7" cast completed on the 1st r deponents saith not.	1232' 626' Surface 3350' Surface Surface Aday of Novemination of Novemination (Novemination (Novemi	Milled 29' 0' API#, and date cemented, per , 2018.	and that the work of plugging and	OFFICIAL SEAL Chard O'Dell Notary Public of West Virginia
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Thixoptropic Expandable 4 1/2" 8 5/8" 16" Description said well was And furthe	1232' 626" 4301' 1125' 5' of monument: 77" of 7" cast completed on the 1st r deponents saith not.	1232' 626' Surface 3350' Surface Surface Aday of Novemination of Novemination (Novemination (Novemi	Milled 29' 0' API#, and date cemented. Der, 20_18. JOVEMBE U, 20_18 Policy Double Notary Publice Notary Pub	and that the work of plugging and	OFFICIAL SEAL Ichard O'Dell Notary Public of West Virginia mmission Expires lune 17, 2021 RR 7 Box 72 Isburg, WV 26301
Thixoptropic Expandable 4 1/2" 8 5/8" 16" Description said well was And furthe Sworn and	1232' 626" 4301' 1125' 5' of monument: 77" of 7" cast completed on the 1st r deponents saith not.	1232' 626' Surface 3350' Surface Surface Surface Novemi Gay of Novemi Fig. 12 day of	Milled 29' 0' API#, and date cemented. Der, 20_18. JOVEMBE U, 20_18 Policy Double Notary Publice Notary Pub	and that the work of plugging and	OFFICIAL SEAL Chard O'Dell Notary Public of West Virginia mmission Expires lune 17, 2021 RR 7 Box 72 sburg, WV 26301



Plugging Report for MSHA

Well Number:	BAR-1032		Mine: Sentir	nel Mine	_	Surfa	ce	_
		_					Тс	p of 16" Conductor Casing at Surface
Permit Nmber:	47-001-0103						Во	ottom of 16" Conductor Casing at 5
Date Clean Out S	E-Salar Salar Sala	16/2018		Market Control of the			To	p of 8 5/8" Casing
Date Well Bore F		1/2018		A44				
Kittanning Coal S	Seam:8	326 ft	То 832	ft.		Expai		
Plugs: From	То		Type of Cer		_	ıdabl		
4462'	3350'			Cement with Block	-	Expandable Cement		
3350'	1232'		Expandat	ole Cement	_	emt		
1232'	626'	_		Cement with n dye	_			
626'	Surface		Expandal	ole Cement	_			
Casing Rem	aining in Well Bo	re			Thix Top: 62	26'		
	Γορ Bottom	Left	Pulled			1	Patropage Carte	
Sucker Rods 2 3/8" tubing	350' 4301	951'	3350'	V ₂ /		w Green Dye	oale	02
7" casing	350' 4301	951	3000			Dye		
	ırface 1125'	1096'	Milled 29'					
10 3/4" casing 16" Conductor Su	ırface 5'	5'	0']		6' to		Milled 816' to 845'
				Kitta	inning Coal			
Cement:			2 2 2 to 2				Phixotropic Coment wi	
Expandable Thixotropic	605 175		_sacks _sacks			Green Dye	opic	3ottom of 8 5/8" Casing - 1125'
Econofill Mud Flush	1000	1	_sacks _gal			Dyre	Cerm	
Other Est. Top Thix	626		_ft		D-44 44	0201	20 JE	
Did Cement Circ.	Yes		-	<u> 1hi</u>	x Bottom: 12	232		
Comments:	e Moderate	Normal					Ţ	
Caving: Extreme Lost Circulation:	Extreme Mod	derate	Normal erate Norma	al Does No	t Apply		2	
Debris in Well Bore	ring Casing: <u>Extrer</u> e: Wood	Steel	Other:				Exnandable Cement	
							emer	
					3350'			Top of 4 1/2" Casing - 3350'
					3000			
							T O	
							anda	
Surface Elevatio Bottom of Coal St	n (Surveyed) tructure (Map)	1,470 644					ole Ci	
Differe		826					men	
							With	٠
							ı Gas	
							Expandable Cement with Gas Blocke	Bottom of 4 1/2" Casing - 4301'
							ê	DOLLOID OF # 1/2 Casing - 4001
				_ T	otal Depth:	4462'		

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.

WOLF RUN MINING LLC Coal Operator or Owner 100 TYGART DRIVE GRAFTON, WV 26354

Address WOLF RUN MINING LLC Coal Operator or Owner 100 TYGART DRIVE GRAFTON, WV 26354

Address ROBERT R. & MINDY J. JACOBS Lease or Property Owner ROUTE 1 BOX 421-A, FLEMINGTON, WV 26347

Address

WOLF RUN MINING LLC Name of Well Operator 100 TYGART DRIVE GRAFTON, WV 26354

Complete Address PHILLIPI, WV 7.5' Well Location PLEASANT District BARBOUR County **BAR-1032** Well No.

EZRA SAYERS Farm

STATE INSPECTOR SUPERVISING PLUGGING

AFFIDAVIT

STATE OF WEST VIRGINIA, County of MONONGALIA ss:

RALPH K. HARMAN 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 16th day of October, 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	75						
Cleaned 3 3/4" hole th	rough 4 1/2" casing from surface to 4462'.	4 1/2"	3350'	951'			
Tagged plug at 4462'.	Cemented bottom hole with 70 sacks of	or 9000000	000000000000000000000000000000000000000	30,000 00			
Expandable cement w	ith gas blocker additive from 4462' to 3350'.	8 5/8"	Milled 29'	1096'			
Removed 3350' of 4 1,	'2" casing from surface to 3350'. Left 951' of			25 1/16 25			
	0' to 4301', Cleaned 7 7/8" hole from	16"	0'	5'			
surface to 3350'. Tagg	ed plug at 3350'. Set intermediate plug from						
3350' to 1232' with 401	sacks of Expandable cement. Due to						
	casing, section milled 8 5/8" from 816' to						
845' through the lower	Kittanning Coal Seam (826' to 832'). Left						
816' of 8 5/8" casing fr	om surface to 816' and 280' from 845' to						
1125'. No additional pe	erforations or rips required per Leer Mines						
101C Petition, Casing	depths were taken from previous well						
records.							
Cemented hole from	1232' back to the surface as follows:						
From 1232' to 626' wit	n 175 sacks of Thixotropic with green dye						
cement and from 626'	to surface with 135 sacks of Expandable						
	rculate to surface. Left 5' of 16" Conductor						
pipe at surface to 5'.	. John Co Gariago. Ecit a Gri To Goriagoto.						
Coal Seams		Description of Monument					
Kittanning	(826' - 832')	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.	vel.				

... and that the work of plugging and filling said well was completed on the 1st day of November, 2018

And further deponents saith not.

Ralph K. Harman

Matthew A. Yearsley

Sworn to and subscribed before me this 12th day of November, ZN 8

My commission expires:



Permit No. 47-001-01032 Well No. <u>BAR-1032</u> Latitude: <u>39° 13' 01"N</u> Longitude: 80° 04' 37"W

