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:_	Clark Freeman	l	Operato	or Well No.:_D	-0619 (28	48)	
	Elevation: 1261.99		Quadr				
200/111014	District: Pleasan	t			our		
				.у			
	Latitude:	Feet So	outh of	Deg15[Min	_Sec.	
	Longitude:	Feet W	est of 80	_DegU5	_Min 57.03	Sec.	
Well Type: C	OILGAS X						
Company	Wolf Run Mining,	LLC C	Coal Operator	CoalQuest Dev	velopment, LLC	-	
	100 Tygart Drive	0	r Owner	100 Tygart Driv	/e		
	Grafton, WV 26354			Grafton, WV 26	3354		
	Charles E. Dusky	4.6	Coal Operator	ē		0	
	Charles E. Ducky		r Owner	-			
Permit Issue	ed Date 1/24/202	20					
			AFFIDAV	/IT			
	EST VIRGINIA,						
County of Mo	nongalia ss:						
Matthew	A. Yearsley and	Kevin S	S. Wright	being	first duly swo	orn according to law depos	e
and say that th	ey are experienced in the	ne work of plu	ugging and filling		_	ployed by the above name	
well operator, the 22nd			ging and filling	the above well	say that said	work was commenced o	n
					-		
419	day ofJune	, 20 <u>20</u> , a	and the well was		-		
TYPE	day ofJune	, 20 <u>20</u> , a		s plugged and	filled in the follo		
	FROM				filled in the follo	owing manner:	
TYPE	FROM 4360'	ТО		s plugged and	filled in the follo	owing manner:	
TYPE Expandable Cement w/ Gas Blo	FROM 4360' ent 1600'	TO 1600'		s plugged and	filled in the follo	owing manner:	
TYPE Expandable Cement w/ Gas Blo Expandable Cem Thixotropic w/ Green I Expandable Cem	FROM 4360' ent 1600' bye 1107' ent 495'	TO 1600' 1107' 495' Surface	PI	s plugged and	filled in the follo	owing manner:	
TYPE Expandable Cemerl w/ Gas Blo Expandable Cem Thixotropic w/ Green I Expandable Cem 4 1/2" Casing	FROM 4360' ent 1600' Dye 1107' ent 495' 4458'	TO 1600' 1107' 495' Surface 1600'	PI	s plugged and september 1600'	filled in the follo	Description of the control of the co	
TYPE Expandable Cemerl w/ Gas Blo Expandable Cem Thixotropic w/ Green I Expandable Cem 4 1/2" Casing 7" Casing	FROM 4360' ent 1600' Dye 1107' ent 495' 4458' Surface	TO 1600' 1107' 495' Surface 1600' 977'	PI	s plugged and september 1600' Milled 25'	filled in the follo	LEFT 2858' 952'	
TYPE Expandable Cemerl w/ Gas Blo Expandable Cem Thixotropic w/ Green I Expandable Cem 4 1/2" Casing 7" Casing 9 5/8" Casing	FROM 4360' ent 1600' oye 1107' ent 495' 4458' Surface Surface	TO 1600' 1107' 495' Surface 1600' 977' 30'	PI	PE REMOVED 1600' Milled 25' 0'	filled in the follo	Description of the control of the co	
TYPE Expandable Cemert w/ Gas Bio Expandable Cem Thixotropic w/ Green I Expandable Cem 4 1/2" Casing 7" Casing 9 5/8" Casing	FROM 4360' ent 1600' 299 1107' ent 495' 4458' Surface Surface	TO 1600' 1107' 495' Surface 1600' 977' 30'	PI	PE REMOVED 1600' Milled 25' 0' ate cemented.	filled in the follo	LEFT 2858' 952'	
TYPE Expandable Cemert w/ Gas Bio Expandable Cem Thixotropic w/ Green I Expandable Cem 4 1/2" Casing 7" Casing 9 5/8" Casing	FROM 4360' ent 1600' oye 1107' ent 495' 4458' Surface Surface	TO 1600' 1107' 495' Surface 1600' 977' 30'	PI	PE REMOVED 1600' Milled 25' 0'	filled in the follo	2858' 952' 30'	
TYPE Expandable Cement w/ Gas Blo Expandable Cem Thixotropic w/ Green I Expandable Cem 4 1/2" Casing 7" Casing 9 5/8" Casing Description of	FROM 4360' ent 1600' 299 1107' ent 495' 4458' Surface Surface	TO 1600' 1107' 495' Surface 1600' 977' 30'	PI	PE REMOVED 1600' Milled 25' 0' ate cemented. 20_20	filled in the follo	2858' 952' 30' work of plugging and filling	JAL SEAL
TYPE Expandable Cement w/ Gas Blo Expandable Cem Thixotropic w/ Green I Expandable Cem 4 1/2" Casing 7" Casing 9 5/8" Casing Description of	FROM 4360' ent 1600' oye 1107' ent 495' 4458' Surface Surface Of monument: 77" of 7" casin	TO 1600' 1107' 495' Surface 1600' 977' 30' g with company nan day ofJh	ne, well #, API #, and da	PE REMOVED 1600' Milled 25' 0' ate cemented. 20 20 .	filled in the follo	2858' 952' 30' work of plugging and filling	3
TYPE Expandable Cement w/ Gas Blo Expandable Cem Thixotropic w/ Green I Expandable Cem 4 1/2" Casing 7" Casing 9 5/8" Casing Description of	FROM 4360' ent 1600' oye 1107' ent 495' 4458' Surface Surface Of monument: 77" of 7" casin	TO 1600' 1107' 495' Surface 1600' 977' 30' g with company nan day ofJh	PI ne, well #, API #, and da	PE REMOVED 1600' Milled 25' 0' ate cemented. 20 20 .	filled in the follo	2858' 952' 30' work of plugging and filling OFFIC NOTARY PUBLIC, ST Darrel 230 Cobu	CIAL SEAL IATE OF WEST VIRGINIA IA Dalton In Valley Lane
TYPE Expandable Cemerl w/ Gas Blo Expandable Cem Thixotropic w/ Green I Expandable Cem 4 1/2" Casing 7" Casing 9 5/8" Casing Description of said well was co	FROM 4360' ent 1600' oye 1107' ent 495' 4458' Surface Surface Of monument: 77" of 7" casin	TO 1600' 1107' 495' Surface 1600' 977' 30' g with company nan	ne, well #, API #, and da uly thew A. Yearol in S. Wrigh	PE REMOVED 1600' Milled 25' 0' ate cemented. 20 20 .	filled in the follo	2858' 952' 30' work of plugging and filling NOTARY PUBLIC, ST Darrel 230 Cobu	CIAL SEAL TATE OF WEST VIRGINIA I A Dalton
TYPE Expandable Cemerl w/ Gas Blo Expandable Cem Thixotropic w/ Green I Expandable Cem 4 1/2" Casing 7" Casing 9 5/8" Casing Description of said well was co	FROM 4360' ent 1600' 209 1107' ent 495' 4458' Surface Surface Surface of monument: 77" of 7" casin ompleted on the 3rd deponents saith not.	TO 1600' 1107' 495' Surface 1600' 977' 30' g with company nan	ne, well #, API #, and da uly thew A. Yearol in S. Wrigh	1600' Milled 25' 0' ate cemented. 20 20 . ieu	and that the	2858' 952' 30' work of plugging and filling NOTARY PUBLIC, ST Darrel 230 Cobu	CIAL SEAL FATE OF WEST VIRGINIA I A Dalton In Valley Lane Wn, WV 26508
TYPE Expandable Cemert w/ Gas Bio Expandable Cem Thixotropic w/ Green I Expandable Cem 4 1/2" Casing 7" Casing 9 5/8" Casing Description of said well was of	FROM 4360' ent 1600' 209 1107' ent 495' 4458' Surface Surface Surface of monument: 77" of 7" casin ompleted on the 3rd deponents saith not.	TO 1600' 1107' 495' Surface 1600' 977' 30' g with company nan	ne, well #, API #, and da uly thew A. Yearol in S. Wrigh	PE REMOVED 1600' Milled 25' 0' site cemented. 20 20 .	and that the	2858' 952' 30' work of plugging and filling NOTARY PUBLIC, ST Darret 230 Cobu	CIAL SEAL FATE OF WEST VIRGINIA I A Dalton In Valey Lane wn, WV 26508 Ires September 11, 2024
TYPE Expandable Cameri wi Gas Bio Expandable Cem Thixotropic wi Green I Expandable Cem 4 1/2" Casing 7" Casing 9 5/8" Casing Description of said well was of And further Sworn and si	FROM 4360' ent 1600' 209 1107' ent 495' 4458' Surface Surface Surface of monument: 77" of 7" casin ompleted on the 3rd deponents saith not.	TO 1600' 1107' 495' Surface 1600' 977' 30' g with company nan _ day ofJi	ne, well #, API #, and da uly thew A. Yearol in S. Wrigh	1600' Milled 25' 0' ate cemented. 20 20 . ieu	and that the	2858' 952' 30' work of plugging and filling NOTARY PUBLIC, ST Darrel 230 Cobu	CIAL SEAL FATE OF WEST VIRGINIA I A Dalton In Valey Lane wn, WV 26508 Ires September 11, 2024

Plugging Report for MSHA

Well Num	ber:D-0	619 (2848)	_	Mine: Arch	Coal - Sen	tinel Mine	_	Surface			
		47 004 000	40					off or	at Surface	and 16" Conducto	r Casing
Permit Nn		47-001-028							Bottom of 16" Co	onductor Casing a	5'
	n Out Started		22/2020					9	Bottom of 9 5/8"	Conductor Casing	at 30'
	Bore Plugge	-	3/2020				ı				
	anning Coal	Seam:	695 ft.	_ To <u>700</u>	ft.			F			
Plugs: From	<u>. </u>	То		Type of Ce	ment			andal			
4360		1600'			Expandable Gas Blocke			ble C			
	-		_		Expandable			Expandable Cemen			
1600).	1107'	_		ment						
1107	,,	495'):		Thixotropic / Green Dye						
495		Surface	_	110 sks of	Expandable			150			
-				Cei	ment						
Casing	Remaining	in Well Bo	re .			Thix Top:	495'				
Suekar Bodo	Тор	Bottom	Left	Pulled				Thixotropic Cement wi Green Dye			
Sucker Rods 2 3/8" tubing 4 1/2" casing	40001	44501	0050	4000				tropic Cem Green Dye			
7" casing	1600' Surface	977'	2858 952	1600' Milled 25'				Cen n Dye		•	
7" fiberglass 9 5/8" casing 13 3/8" casing	Surface	30'	30'	0,				ent	į	į	
13 3/8" casing 16" Conductor	Surface	5'	5'	0			695' -		Milled 25'		
					Lower Ki	ttanning Coal	700'		(685' - 710')		
Cement:								Thix			
Expandable Thixotropic		350 125		_sacks _sacks				otrop		•	
Econofill Mud Flush		1000		sacks				Thixotropic Cement w/ Green Dye			
Other	-	1000		_gal _ ft				ment	Bottom of 7" Cas	sing at 977'	
Est. Top Thix Did Cement Cir	c	Yes		-				W G			
Comments:					TI	nix Bottom:	1107'	(cen			
-	reme	Moderate	Normal		13			PAG.	1		
Lost Circulation	moving Casi		e Mod	Normal erate <i>Normal</i>	r						
Debris in Well B	sore:	Wood	<u>Steel</u>	Other:							
									Top of 4 1/2" Cas	sing at 1600'	
								E C			
								Expandable Gement			
								bie G			
Surface Eleva	ition (Surve)	/ed)	1267'					етне			
Bottom of Coa	l Structure (erence	Map)	567' 700'					*			
		-									
											1
								JER			C
								Ten			
					9	Total Depth	: 4360'				
Note: All depths	s shown we	re measured f	rom 10' abo	ve the surface.							
									Bottom of 4 1/2	'Casing at 4458'	

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.

COALQUEST DEVELOPMENT, LLC. Coal Operator or Owner

100 TYGART DRIVE GRAFTON, WV 26354

Address

COALQUEST DEVELOPMENT, LLC.

Coal Operator or Owner 100 TYGART DRIVE GRAFTON, WV 26354

Address

CLARK V. FREEMAN

Lease or Property Owner

RR 1 BOX 430, FLEMINGTON, WV 26347 Address

WOLF RUN MINING LLC

Name of Well Operator

100 TYGART DRIVE GRAFTON, WV 26354

Complete Address

PHILIPPI (545)

Well Location

PLEASANT

District BARBOUR

County

D-0619

Well No.

CLARK FREEMAN

Farm

STATE INSPECTOR SUPERVISING PLUGGING

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of MONONGALIA ss:

MATTHEW A. YEARSLEY 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 Wolf Run Mining, LLC well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 22nd day of June, 2020 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							
	rough 4 ½" casing from surface to 4360'. 360'. Cemented bottom hole with 165 sacks	4 1/2" Casing	1600'	2858'			
of Expandable Cemen	with a gas blocker additive from 4360' to of 4 ½" casing from surface to 1600'. Left	7" Casing	Milled 25'	952'			
2858' of 4 ½" casing fr	om 1600' to 4458'. Cleaned a 6 1/4" hole Tagged bottom hole cement plug at 1600'.	9 5/8" Casing	0	30'			
Expandable Cement. Sithe Lower Kittanning Coasing from surface to cement bond on the 7" were required per the Sidepths were taken from and depth were measuremented hole from 1107' to 495' with Green Dye. From 495' Cement. Cement did ci	rom 1600' to 1107' with 75 sacks of Section milled 7" from 685' to 710' through oal Seam (695' – 700'). Left 952' of 7" 685' and from 710' to 977' due to extreme casing. No additional perforations or rips Sentinel Mine 101C Petition. All casing in previous well records. All electronic logs ared from 10' above the surface. 1107' to surface as follows: In 125 sacks of Thixotropic Cement with to surface with 110 sacks of Expandable reculate at surface. A total of 475 sacks of ement the well to surface. Left 5' of 16" real at surface.	16" Conductor	0	5'			
Coal Seams		Description of Monume	ent				
Kittanning Coal Seam	695' 700'	77" of 7" casing w/ company name, well number,					
		permit number and date	and date cemented stated on 7"				
		casing. Well marker will	be attached to cement				
		plug at ground level.					

work of plugging and filling said well was completed on the 3rd day of July, 2020

nts saith not. OFFICIAL SEAL NOTARY PUBLIC, STATE OF WEST VIRGINIA Darrell A Dalton

230 Cobun Valley Lane Morgantown, WV 26508

My Commission Expires September 11, 2024

Matthew A. Nearsley

Matthew A. Yearsley

Kevin S. Wright

Kevin S. Wright

Sworn to and subscribed before me this 94

Notary Public

My commission expires: Sept. 11, 7024

Permit No. 47-001-02848

Well No. <u>D-0619</u> Latitude: 39° 13' 2.8" N Longitude: 80° 05' 57.63"W