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:_	Reed,	Larry L.	& Linda	a D.	_Operat	or Well No.	B-690)				
LOCATION:	Flevation	1524				rangle: Th						
200/1/1011.		Knottsville	3		Coun	7-	ylor					
						·y	-	28				
)eg. 10	Min		Sec.			
	Longitude	2: 	Feet	West of	79	_Deg. <u>58</u>	Min.	00	Se	ec.		
Well Type: 0	OIL	_GASX	recording to									
Company	Coalques	st Developm	ent, LLC	Coal O	perator	100 Tygart	Drive		2000			
				or Own	ier	Grafton, W	V 26354					
				Coal C	perator							
Agent	David	B. Berry		or Own	-							
Permit Issu	ed Date	11/27/18										
				ļ	AFFIDA	VIT						
STATE OF W County of M		INIA, ss:										
Ralph K. F		and		Matthew	A. Year	sley b	eing first	duly s	sworn acc	ording to la	w depose	
and say that the	ney are exp	erienced in th	e work of	plugging	and fillin	g oil and gas	wells an	d were	employed	by the abo	ve named	
well operator	, and partic	ipated in the December	work of p	lugging a	and tilling well wa	g the above t is plugged a	well say	in the fe	ollowing i	manner:	enced on	
(116	day or			, and are	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
TYPE	F	FROM	Т	0	P	IPE REMO	VED			LEFT		
Expandable with Gas	Block	5017'	132	25'								
Expandable		1325'	97			wa		_				
Thixotropic with gree	n dye	977'	34	7'								
Expandable		347'	Surf							0704		
4 1/2" Casin	9	5089'	133			1325'				3764'		
8 5/8" Casin		1034'	Surf			Milled 26				1008' 5'		
16" Conducto		5'	Surf									
Description	of monum	ent: 77" of 7" casir	g with compan	y name, well #	, API #, and	date cemented.	a	and that	the work	of plugging	and filling	
said well was	completed	on the 17th	_day of D	ecember	/	, 20 <u>18</u> .						4
And furthe	r deponents	e eaith not	· K	I W				200	WEGGS N	OTARY PUBLI	C OFFICIAL SEA	ii }
And fullie	т аеропети.	3 Julii Hou	2%	1	1	07 1				State of M	lest Virginia ssion Expires	\$
			111	ha	1.	2 Donaldy		Ve le		timates?	er 15, 2022 Core, WV 26541	, }
Sworn and	d subscribe	before me th	s ////	day of	Les	20	<u>/8</u>	1	600mm	das Brewaks un	Cole, WV 2034	
My commissi	on expires:				(i Listed .	4 111	and				_
,				1	/	Nota	ry Public	-				CEIVED
Affidavit revie	wed by the	Office of Oil	and Gas:	Em	mb	Lyne	100	Titl	le: <i>Oi</i>	11615	INS P.C.	f Oil and Gas
, undavit rovic		J 5. 511									DEC	1 8 2018

API# 47-091-00699

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AN

10/01/0	AVIT SHOULD -	··· Or	PLUGGING AND THE		
vvell Oper	ator and the	IN TRIPLICATE	AND FILLING	WELL rtment, one copy to be retain e mailed to each coal op	
meir respe	ctive address	copy (and evir	ne copy mailed to the D		
·	audiesses,	A Value extra Co	Opies if required) should be	rtment, one copy to be retain	
Farm name	Reed Larry	1 0	by an allowing by	e mailed to each coal on	ed by the
		L. & Linda D.		ээс. Ор.	erator at
LOCATION:	Elevation: 1524		Operator Well No.: B-6	90	
	-icvalion; 1024	•			
	District. Knotto.	ville	Quadrangle: Thornton	n 7.5	
	Latitude:		County: Taylor of 39 Deg. 18 Min.		
		- FAA! South	4 30	20	
	Longitude:	Foot Men	or 39 Deg. 18 Min. f 79 Deg. 58 Min	Sec.	
		, cer vvest o	fDeg. <u>58</u> Min		
Well Type: 0	IL GAS	X	TANII)	Sec.	
Company	Berry Energy, In	10			
[to our Energy, II	Coal O	perator Coalquest Developm	no-4 11 C	
	10 Stiles St.	or Own		nent, LLC	
	larksburg, WV 2030	1	Graton, WV 26354		
.	D	Coal C	perator		
Agent	David B. Berry	or Own	er		
Permit Issued	Date 11/27/1				
					-
07177		A	FFIDAVIT		
STATE OF WE	ST VIRGINIA,				
County of Mon					
	ongalia ss:	. Matthew	A Vegreley		
Kevin S. Wright	ongalia ss:	Matthew	A. Yearsleybeing first (duly sworn according to law d	lepose
Kevin S. Wright and say that they	ongalia ss: and are experienced in the	ne work of plugging :	and filling oil and gas wells and	were employed by the above in	hamer
Kevin S. Wright and say that they	angalia ss: are experienced in the	ne work of plugging a work of plugging ar	and filling oil and gas wells and nd filling the above well say #	were employed by the above r	hamer
Kevin S. Wright and say that they well operator, a	angalia ss: are experienced in the	ne work of plugging a work of plugging ar	and filling oil and gas wells and	were employed by the above r	hamer
Kevin S. Wright and say that the well operator, a the 8th	are experienced in the day of December	work of plugging a work of plugging a young, 2018, and the	and filling oil and gas wells and nd filling the above well say to well was plugged and filled i	were employed by the above rethat said work was commenced in the following manner:	hamer
Kevin S. Wright and say that they well operator, a	are experienced in the day of December	ne work of plugging a work of plugging ar	and filling oil and gas wells and nd filling the above well say #	were employed by the above r	hamer
Kevin S. Wright and say that they well operator, a the 8th	are experienced in the day of December	work of plugging as work of plugging as 2018, and the	and filling oil and gas wells and nd filling the above well say to well was plugged and filled i	were employed by the above rethat said work was commenced in the following manner:	hamer
Kevin S. Wright and say that they well operator, a the 8th TYPE Expandable with Gas Blo	rare experienced in the day of December FROM to 3017' 1325'	work of plugging as work of plugging as work of plugging as the TO 1325'	and filling oil and gas wells and nd filling the above well say to well was plugged and filled i	were employed by the above rethat said work was commenced in the following manner:	hamer
Kevin S. Wright and say that the well operator, a the 8th TYPE Expandable with Gas Block Expandable	rare experienced in the day of December FROM to 3017' 1325'	work of plugging at work of plugging at, 2018, and the	and filling oil and gas wells and filling the above well say to well was plugged and filled in PIPE REMOVED	were employed by the above rethat said work was commenced in the following manner:	hamer
Kevin S. Wright and say that the well operator, a the 8th TYPE Expandable with Gas Bloc Expandable Thixotropic with green dy	rare experienced in the day of December FROM to 5017' 1325' FROM 1377'	work of plugging at work of plugging at, 2018, and the	and filling oil and gas wells and nd filling the above well say to well was plugged and filled i	were employed by the above rethat said work was commenced in the following manner:	hamer
Kevin S. Wright and say that the well operator, a the 8th TYPE Expandable with Gas Bloc Expandable Thixotropic with green dy Expandable	rare experienced in the day of December FROM to 1325' to 977' to 347'	work of plugging at work of plugging at, 2018, and the	and filling oil and gas wells and filling the above well say to well was plugged and filled in PIPE REMOVED	were employed by the above rethat said work was commenced in the following manner: LEFT 3764' 1008'	hamer
Kevin S. Wright and say that the well operator, a the 8th TYPE Expandable with Gas Blo Expandable Thixotropic with green dy Expandable 4 1/2" Casing	rare experienced in the day of December FROM 5017' 1325' 977' 347' 5089'	work of plugging as work of plugging as, 2018, and the	and filling oil and gas wells and filling the above well say to well was plugged and filled in PIPE REMOVED	were employed by the above in that said work was commenced in the following manner: LEFT 3764'	hamer
Kevin S. Wright and say that the well operator, a 8th TYPE Expandable with Gas Bloc Expandable Thixotropic with green dy Expandable 4 1/2" Casing 8 5/8" Casing 16" Conductor	rare experienced in the day of December FROM 5017' 1325' 977' 347' 5089' 1034' 5'	work of plugging at work of plugging at, 2018, and the	and filling oil and gas wells and filling the above well say to well was plugged and filled in PIPE REMOVED 1325' Milled 26' 0'	were employed by the above rethat said work was commenced in the following manner: LEFT 3764' 1008' 5'	named ed on
Kevin S. Wright and say that they well operator, a the 8th Sth Sth Sth Sth Sth Sth Sth Sth Sth S	are experienced in the day of December FROM 5017' 1325' 977' 347' 5089' 1034' 5' monument: 77" of 7" com	work of plugging at, 2018, and the	and filling oil and gas wells and filling the above well say to well was plugged and filled in PIPE REMOVED 1325' Milled 26' 0' API #, and dete camented	were employed by the above rethat said work was commenced in the following manner: LEFT 3764' 1008'	named ed on
Kevin S. Wright and say that the well operator, a 8th TYPE Expandable with Gas Bloc Expandable Thixotropic with green dy Expandable 4 1/2" Casing 8 5/8" Casing 16" Conductor	are experienced in the day of December FROM 5017' 1325' 977' 347' 5089' 1034' 5' monument: 77" of 7" com	work of plugging at work of plugging at, 2018, and the	and filling oil and gas wells and filling the above well say to well was plugged and filled in PIPE REMOVED 1325' Milled 26' 0'	were employed by the above rethat said work was commenced in the following manner: LEFT 3764' 1008' 5'	named ed on
Kevin S. Wright and say that they well operator, a the 8th Sth Sth Sth Sth Sth Sth Sth Sth Sth S	are experienced in the day of December FROM 5017' 1325' 977' 347' 5089' 1034' 5' monument: 77" of 7" commented on the 17th	work of plugging at, 2018, and the	and filling oil and gas wells and filling the above well say to well was plugged and filled in PIPE REMOVED 1325' Milled 26' 0' API #, and dete camented	were employed by the above rethat said work was commenced in the following manner: LEFT 3764' 1008' 5' and that the work of plugging and that the work of plugging and NOTARY PUBLIC COMMENTARY PUBLIC COMMENTAR	aramed ed on
Kevin S. Wright and say that they well operator, a the 8th Sth Sth Sth Sth Sth Sth Sth Sth Sth S	are experienced in the day of December FROM 5017' 1325' 977' 347' 5089' 1034' 5' monument: 77" of 7" com	work of plugging at, 2018, and the	and filling oil and gas wells and filling the above well say to well was plugged and filled in PIPE REMOVED 1325' Milled 26' 0' API #, and dete camented	were employed by the above restant said work was commenced in the following manner: LEFT 3764' 1008' 5' and that the work of plugging and NOTARY PUBLIC CAROL A	a filling
Kevin S. Wright and say that they well operator, a the 8th Sth Sth Sth Sth Sth Sth Sth Sth Sth S	are experienced in the day of December FROM 5017' 1325' 977' 347' 5089' 1034' 5' monument: 77" of 7" commented on the 17th	work of plugging at, 2018, and the	and filling oil and gas wells and filling the above well say to well was plugged and filled in PIPE REMOVED 1325' Milled 26' 0' API #, and dete camented	were employed by the above results and work was commenced in the following manner: LEFT 3764' 1008' 5' NOTARY PUBLIC CAROL AT State of West Aut Commission was a superior of the commission of the commission was a superior of the commission of the commission was a superior of the commission of the	a filling OFFICIAL SEAL WAYLE t Virginia on Froire RECEIVED
Kevin S. Wright and say that they well operator, a the 8th Sth Sth Sth Sth Sth Sth Sth Sth Sth S	are experienced in the day of December FROM 5017' 1325' 977' 347' 5089' 1034' 5' monument: 77" of 7" comments are experienced in the day of December	TO 1325' 977' 347' Surface 1325' Surface 1325' Surface 1325' Surface 1325' May of December May of December	and filling oil and gas wells and not filling the above well say to well was plugged and filled in PIPE REMOVED 1325' Milled 26' 0' API #, and deto comented	were employed by the above results and work was commenced in the following manner: LEFT 3764' 1008' 5' NOTARY PUBLIC CAROL AT State of West Aut Commission was a superior of the commission of the commission was a superior of the commission of the commission was a superior of the commission of the	a filling
Kevin S. Wright and say that they well operator, a the 8th Sth Sth Sth Sth Sth Sth Sth Sth Sth S	are experienced in the day of December FROM 5017' 1325' 977' 347' 5089' 1034' 5' monument: 77" of 7" community projected on the 17th	TO 1325' 977' 347' Surface 1325' Surface 1325' Surface 1325' Surface 1325' May of December May of December	and filling oil and gas wells and filling the above well say to well was plugged and filled in PIPE REMOVED 1325' Milled 26' 0' API #, and dete camented	were employed by the above results and work was commenced in the following manner: LEFT 3764' 1008' 5' NOTARY PUBLIC CAROL AT State of West Aut Commission was a superior of the commission of the commission was a superior of the commission of the commission was a superior of the commission of the	DEFICIAL SEAL VAYLE t Virginia RECEIVED 15. Wings of Oil and Gas
Kevin S. Wright and say that the well operator, a the 8th TYPE Expandable with Gas Bloc Expandable Thixolropic with green dy Expandable 4 1/2" Casing 8 5/8" Casing 16" Conductor Description of said well was co	are experienced in the day of December FROM 5017' 1325' 977' 347' 5089' 1034' 5' monument: 77' of 7' continued on the 17th 17th 17th 17th 17th 17th 17th 17th	work of plugging and the work of plugging and the TO 1325' 977' 347' Surface 1325' Surface Surface Surface Surface Surface Surface May of December Masser A May of December May December Masser A May of December May D	and filling oil and gas wells and not filling the above well say to well was plugged and filled in PIPE REMOVED 1325' Milled 26' 0' API #, and deto comented	were employed by the above results and work was commenced in the following manner: LEFT 3764' 1008' 5' NOTARY PUBLIC CAROL AT State of West Aut Commission was a superior of the commission of the commission was a superior of the commission of the commission was a superior of the commission of the	a filling OFFICIAL SEAL WAYLE t Virginia on Froire RECEIVED
Kevin S. Wright and say that the well operator, a the 8th TYPE Expandable with Gas Blore Expandable Thixotropic with green dy Expandable 4 1/2" Casing 8 5/8" Casing 16" Conductor Description of said well was considered with green dy Gasing And further of Sworn and services and serv	are experienced in the day of December FROM 5017' 1325' 977' 347' 5089' 1034' 5' monument: 77" of 7" comments are experienced in the day of December	work of plugging and the work of plugging and the TO 1325' 977' 347' Surface 1325' Surface Surface Surface Surface Surface Surface May of December Masser A May of December May December Masser A May of December May D	and filling oil and gas wells and not filling the above well say to well was plugged and filled in PIPE REMOVED 1325' Milled 26' 0' API #, and deto comented	were employed by the above results and work was commenced in the following manner: LEFT 3764' 1008' 5' NOTARY PUBLIC CAROL AT State of West Aut Commission was a superior of the commission of the commission was a superior of the commission of the commission was a superior of the commission of the	of filling Difficial SEAL WAYLE t Virginia RECEIVED 15, Wings of Oil and Gas JUL 1 0 2019
Kevin S. Wright and say that they well operator, a the 8th Sth Sth Sth Sth Sth Sth Sth Sth Sth S	are experienced in the day of December FROM 5017' 1325' 977' 347' 5089' 1034' 5' monument: 77' of 7' continued on the 17th 17th 17th 17th 17th 17th 17th 17th	TO 1325' 977' 347' Surface 1325' Surface 1325' Surface 1325' Surface 1325' And the	and filling oil and gas wells and not filling the above well say to well was plugged and filled in PIPE REMOVED 1325' Milled 26' 0' API #, and dete comented	were employed by the above in that said work was commenced in the following manner: LEFT 3764' 1008' 5' MOTARY PUBLIC CAROL A! State of Wes My Commissing September 495 Buckeye Rd Co	DEFICIAL SEAL VAYLE t Virginia RECEIVED 15. Wings of Oil and Gas

FORM WR-38 (Affidavit of Plugging)

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL 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 malled 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

LARRY L. OR LINDA D. REED Lease or Property Owner

228 SANDY CREEK RD GRAFTON, WV 26354

Address

BERRY ENERGY, INC.

Name of Well Operator

310 STILES ST CLARKSBURG, WV 26301

Complete Address

THORNTON 7.5

Well Location

KNOTTSVILLE

District

TAYLOR

County

B-690 Well No.

ARRY L. & LINDA D.

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 8TH day of December, 2018 and that the well was plugged in the following manner:

	Filling Material	Casing/Tubing Size		Left In			
Cleaned 3 3/4" hole thro			Pulled	20101111			
Tanged solid plug at 501	ugh 4 1/2" casing from surface to 5017'. 17'. Cemented bottom hole from 5017' to	4 1/2"	1325'	3764'			
1325' with 235 sacks of I	Expandable cement with gas blocker of 4 1/2" casing from surface to 1325'.	8 5/8"	Milled 26'	1008'			
Left 3771' of 4 1/2" casin hole from surface to 132 milled 8 5/8" casing from 58 cosing from 58 casing, no additional per 101C Petition. Cemented hole from 13 From 1325' to 977' with 185 sac and from 347' to surface	ng from 1325' to 5089'. Cleaned 7 7/8' 5'. Tagged solid plug at 1325'. Section 558' to 584' through the Lower Kittanning Left 558' of 8 5/8" casing from surface 4' to 1034'. Due to extreme bond of 8 5/8" forations or rips required per Leer Mines 325' back to the surface as follows: 90 sacks of Expandable cement. From cks of Thixotropic with green dye cement with 95 sacks of Expandable cement. surface. Left 5' of 16" conductor at the	16" Conductor	0'	5'			
Coal Seams		Description of Monume	ent				
	(568' – 573')	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 17th day of December, 2018

And further deponents saith not.

Ralph K. Harman

Matthew A. Yearsley

BECEIVED Gas JUL 1 0 2019

Sworn to and subscribed before me this $T^{Q^{Jh}}$

day of Pic 2018

Mays **Notary Public**

Permit No. <u>47-091-00699</u> Well No. B-690

Latitude: 39° 18' 28"N

Longitude: 79° 58' 00"W

WN Debartment of EUMIOUWEWHAI Protection

My commission expires:



Plugging Report for MSHA

Well Numb	er:	B-690			Mine: Berry	Energy		Surface	_
Permit Nml	per:	47-091-0	0699			THE STREET			Top of 16" Conductor Casing at Surface Top of 8 5/8" Casing: Surface
Date Clean	Out Started	l:	12/8/2	018		NAMES OF THE OWNER, WHICH THE OWNER, WHITE OF THE OWNER, WHITE OWNER, WHITE OWNER, WHITE OWNER, WHITE OWNER, W			Bottom of 16" Conductor Casing at 5'
Date Well I	Bore Plugge	d:	12/17	/2018				жрап	
Lowe Kittar	nning Coal S	Seam:	568	ft.	то <u>573</u>	ft.		Expandable:Cement	
Plugs:		_			T			Cem	
From		To 1325'			Type of Cer Expandable	Cement with		ent	
5017		1325			Gas B	locker	-		
1325	<u>. </u>	977'			Expandab	le Cement	Thix Top: 347'		
977'		347'			Thixotropic w	vith Green Dye	_	Thix	
347'		Surfac	e		Expandat	ole Cement	-	Thixotropic	
Casing F	Remaining	in Well	<u>Bore</u>						
	Тор	Botton	n	Left	Pulled	Lower Kit	tanning: 573'-568'		Section Milled 8 5/8" Casing from 558' to 584'
Sucker Rods 2 3/8" tubing									
4 1/2" casing 7" casing	1325'	5089'		3764'	1325'			with Green Dys	
7" fiberglass				10001	84711 - 1 001			Grea	
8 5/8" casing 10 3/4" casing	Surface	1034'	-	1008'	Milled 26'			en D	
16" Conductor	Surface	5'		5'	0'			ye	
							Thix Bottom: 977		
0								gr.	
Cement: Expandable		42	0		sacks			Expandable Cement	
Thixotropic		18			sacks			dabi	Bottom of 8 5/8" Casing: 1,034'
Econofill Mud Flush		10	00		_sacks _gal			S S	
Other		34	7		- ft			me	
Est. Top Thix Did Cement Cir	rc.	Ye							Top of 4 1/2" Casing: 1,325'
Comments:					-				
	treme	Moderate		<u>Normal</u>					
Lost Circulatio			Moderati		Normal	ı		- 171	
Difficulty in Re Debris in Well		sing: <u>Ext</u> Wood	reme	Steel	lerate Norma Other:			× p	
								nda	
								bje	
								en	
								ent	
								\$ 5	
								Expandable Cement with Gas Blocker	*
								Be	
			150	v4				cker	
Surface Elev Bottom of Co			<u>152</u>						
	ference		56			Total	Depth: 5,017'		
						Total	Deptil. 0,017	-	Bottom of 4 1/2" Casing: 5,089
									PECEIVED

RECEIVED Office of Oil and Gas

DEC 1 8 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 malled 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 LARRY L. OR LINDA D. REED Lease or Property Owner

228 SANDY CREEK RD GRAFTON, WV 26354 Address

BERRY ENERGY, INC. Name of Well Operator 310 STILES ST CLARKSBURG, WV 26301

Complete Address THORNTON 7.5 Well Location KNOTTSVILLE

District TAYLOR County B-690

Well No. REED, LARRY L. & LINDA D. 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 8TH day of December, 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	t ming material	ousing rubing cite	- unou	LOIL III			
Cleaned 3 3/4" hole th	rough 4 1/2" casing from surface to 5017', 017'. Cemented bottom hole from 5017' to	4 1/2"	1325'	3764'			
1325' with 235 sacks	of Expandable cement with gas blocker	8 5/8"	Milled 26'	1008			
Left 3771' of 4 1/2" ca hole from surface to 1 milled 8 5/8" casing fr Coal Seam (568' to 57 to 558' and 448' from casing, no additional 101C Petition.	25' of 4 1/2" casing from surface to 1325'. sing from 1325' to 5089'. Cleaned 7 7/8" 325'. Tagged solid plug at 1325'. Section om 558' to 684' through the Lower Kittanning '3'). Left 558' of 8 5/8" casing from surface 584' to 1034'. Due to extreme bond of 8 5/8" perforations or rips required per Leer Mines 1325' back to the surface as follows: th 90 sacks of Expandable cement. From	16" Canductor	0,	5'			
977' to 347' with 185 and from 347' to surfa	in 90 sacks of Expandable cement. From sacks of Thixotropic with green dye cement ce with 95 sacks of Expandable cement. o surface. Left 5' of 16" conductor at the						
Coal Seams		Description of Monum	ent				
Lower Kittanning	(568' – 573')	77° of 7" casing w/ company name, well number					
		permit number and date cemented stated on 7"					
		casing. Well marker will	r will be attached to cement				
		plug at ground level.					

... and that the work of plugging and filling said well was completed on the 17th day of December, 2018

And further deponents saith not.

Ralph K. Harman

Matthew A. Yearsley

A. Sa

Sworn to and subscribed before me this $17^{\prime\prime\prime}$

day of Dec

Notary Public

Permit No. 47-091-00699 Well No. B-690 Latitude: 39° 18' 28"N Longitude: 79° 58' 00"W

RECEIVED Office of Oil and Gas

DFC 1 8 2018

My commission expires:

