

west virginia department of environmental protection

Office of Oil and Gas 601 57th Street SE Charleston, WV 25304 (304) 926-0450 (304) 926-0452 fax Earl Ray Tomblin, Governor Randy C. Huffman, Cabinet Secretary www.dep.wv.gov

PERMIT MODIFICATION APPROVAL

June 18, 2013

TRIANA ENERGY, LLC 900 VIRGINIA STREET, EAST - SUITE 400 CHARLESTON, WV 25301

Re: Permit Modification Approval for API Number 9101238 , Well #: MUSGROVE 3H Modified Lateral & Well Bottom Coordinates

Oil and Gas Operator:

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

Please call James Martin at 304-926-0499, extension 1654 if you have any questions.

Sincerely,

Gene Smith

Regulatory/Compliance Manager

Office of Oil and Gas



April 25, 2013

RECEIVED
Office of Oil and Gas

APR 26 2013

WV Department of Environmental Protection

Mr. Jeff McLaughlin West Virginia Department of Environmental Protection Office of Oil and Gas 601 57th Street, S. E. Charleston, West Virginia 25304

Re: Triana Energy, LLC – Musgrove 3H Well Permit Modification, Taylor County, WV API Well Number 47-9101238

Dear Mr. McLaughlin:

As we have discussed, Triana Energy desires to modify its existing approved well work permit 47-9101238, for the Musgrove 3H, located in Taylor County, West Virginia. Our geology and engineering staff believe that the original lateral spacing was not adequate to protect against well communication, thus the proposed new path for the Musgrove 3H lateral is moved further to the southwest. To accommodate this action, we had to acquire additional lease acreage. However, the surface location has not changed from the original permitted location. The Musgrove 1H and 5H were drilled in the Winter of 2011/2012.

Please find enclosed modified forms WW-6A1, WW-6B and an updated, certified well plat. We wish to begin drilling this well around the first part of June, 2013.

Please let me know if you have any questions or need additional information.

Sincerely,

Walter C. Showen, III Manager, Permitting

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

	WELL WORK	PERMIT APPLICAT	<u>'ION</u>	10	378
1) Well Operator:	Triana Energy, LLC	494486431	Taylor	Booth's Creek	Grafton 7.5'
i) well Operator.	7,100,100 = 1,100,100	Operator ID	County	District	Quadrangle
2) Operator's Well	Number: Musgrove #3H	W	ell Pad Nar	ne: Musgrove	
3 Elevation, curren	nt ground: 1,415'	Elevation, proposed p	ost-constru	ction: 1,	415'
4) Well Type: (a)	Gas Oil	Underground	l Storage		
	Other				
(b) I	f Gas: Shallow	Deep		-	
5) Existing Pad? Y	Horizontales or No: Yes				
,	Formation(s), Depth(s), Antici	ipated Thicknesses and	d Associated	l Pressure(s):	
7) Proposed Total	Vertical Depth: 7,560'				
8) Formation at To	tal Vertical Depth: Marcellus				
9) Proposed Total 1	Measured Depth: 14,000	4			
10) Approximate F	resh Water Strata Depths:	330'			
11) Method to Det	ermine Fresh Water Depth:	OG-10s, completion reports			
12) Approximate S	Saltwater Depths: None indica	ated			
13) Approximate C	Coal Seam Depths: 554', 740'				
14) Approximate I	Depth to Possible Void (coal mi	ine, karst, other):	None inc	licated	
15) Does proposed adjacent to an a	well location contain coal sear active mine? If so, indicate nam	ns directly overlying one and depth of mine:	or No		
16) Describe propo		ally fracture and complete a horiz	zontal well in the N	Marcellus Shale format	tion.
Perforate the production	uring/stimulating methods in decasing and production zone with perforating guns		e treatment zones	in stages and perform hi	igh pressure slick-wat
fracture, introducing pro	ppant to retain fractures.		e treatment zones	6 2013	
18) Total area to b	e disturbed, including roads, st	ockpile area, pits, etc,	(acres);	approx. 15 a	cres
	curbed for well pad only, less ac			11.5 acres	

WW - 6B (3/13)



20)

CASING AND TUBING PROGRAM

ТҮРЕ	<u>Size</u> Ne	w or Used	<u>Grade</u>	Weight per ft.	FOOTAGE: For Drilling	INTERVALS: Left in Well	CEMENT: Fill -up (Cu. Ft.)
Conductor	20"	New	LS	55#	40'	40'	Grout to surface
Fresh Water	13-3/8"	New	H-40	48#	935'	935'	C.T.S.
Coal	NA						
Intermediate	9-5/8"	New	J-55	40#	3,075'	3,075'	C.T.S.
Production	5-1/2"	New	P-110	20#	13,015'	13,015'	Top @ 5,500'
Tubing	2-3/8"	New	L-80	4.7#	As needed		None
Liners							

TYPE	Size	Wellbore Diameter	Wall Thickness	Burst Pressure	Cement Type	Cement Yield
Conductor	20"	24"	0.25	340	Ready mix concrete	N/A
Fresh Water	13-3/8"	17-1/2"	0.33	1,730	Class A w/additives	1.18 - 1.54
Coal						
Intermediate	9-5/8"	12-3/8" - 12-1/4"	0.395	3,950	Class A w/additives	1.18 - 1.54
Production	5-1/2"	8-3/4" - 7-7/8"	0.361	12,360	Type 1 w/additives	1.37 - 1.65
Tubing	2-3/8"	N/A	1.19	11,200	None	None
Liners						

PACKERS

Kind:	None			
Sizes:				
Depths Set:				

Describe centralizer placement for each casing string.
Centralizers will be used as needed. The number and type is dependent on hole conditions.
Rigid style centralizers will be used in the lateral and curve sections of the well bore.
Describe all cement additives associated with each cement type.
Cement additives will be used as needed. The amount and type is dependent on hole conditions.
Proposed borehole conditioning procedures.
Proposed borehole conditioning procedures will depend on hole conditions. These may include, but are not
limited to: weighted or high viscosity fluid sweeps, mud solvent fluid sweeps, surfactant sweeps, scouring sweep
high rate or extended circulation, pipe rotation and reciprocation, short trips and other methods.

*Note: Attach additional sheets as needed.

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INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(a)(5) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
Carrizo (Marcellus) LLC	Triana Energy, LLC	0.125	33/208
Carrizo (Marcellus) LLC	Triana Energy, LLC	0.125	33/208
John N. Musgrove, Jr.	Triana Energy, LLC	0.125+	59/139
John N. Musgrove, Jr. and Ruby Jean Musgrove	Triana Energy, LLC	0.125+	59/132
West Virginia Dept. of Transportation, Div. of Highways	Triana Energy, LLC	0.125+	See Attached

Acknowledgement of Possible Permitting/Approval In Addition to the Office of Oil and Gas

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- . U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- · County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: Triana Energy, LLC

By: Walter C. Showen, III

Its: Permitting Manager

Received

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MEMORANDUM OF LEASE

Pursuant to and in accordance with applicable statute, this MEMORANDUM OF LEASE is hereby recorded in lieu of the Lease between the parties hereto and, accordingly, the following information is set forth:

1. Reference to Lease and Date of Execution of Lease.

Lessor (as defined below) and Lessee (as defined below) entered into a certain Oil, Gas and Coalbed Methane Gas lease (referred to herein as the "Lease") on the 5th day of July 2011, with an effective date of July 5th, 2011.

2. Name and Address of Lessor.

The names and addresses of the Lessor as set forth in the Lease are:

West Virginia Department of Transportation, Division of Highways, 1900 Kanawha

Blvd, East, Building 5, Room A-631 Charleston, WV 25305-0430, which party is called
the "Lessor" in this Memorandum of Lease.

3. Name and Address of Lessee.

The name and address of the Lessee as set forth in the Lease is: Triana Energy, LLC, 900 Virginia Street, East, Charleston, West Virginia 25301, which party is called the "Lessee" in this Memorandum of Lease.

4. Description of Leased Premises.

Lessor leased to Lessee all the oil and gas and coalbed methane gas (referred to hereafter as leased minerals) that is within and underlying those certain tracts or parcels of land containing in the aggregate a total of nine and 56/100 (9.56) acres, more or less, situate in Booths Creek District, Taylor County, State of West Virginia, and also known

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91-01738

as County Road 12 (Lost Run) which lands were acquired by the State of West Virginia by the following deeds:

Deed dated September 18, 1939 from Charles Stout and Effie Stout, his wife, recorded in Book 85, at Page 158;

Deed dated March 7, 1940 from Keson B. Kepler, recorded in Book 85, at Page 246;

Deed dated March 8, 1940 from Lovie Lambert and Charles D. Lambert, recorded in Book 85, at Page 247;

Deed dated March 7, 1940 from N. C. Musgrove, et al, recorded in Book 85, at Page 248;

Deed dated March 15, 1940 from Perta Mauller and Lloyd Mauller, recorded in Book 85, at Page 249;

Deed dated March 15, 1940 from Curtis Norris and Barbara Norris, recorded in Book 85, at Page 250;

Deed dated March 8, 1940 from Joseph L. Peters and Susan Peters, recorded in Book 85, at Page 251;

Deed dated March 7, 1940 from H. E. Richardson and Willa J. Richardson, recorded in Book 85, at Page 252;

Deed dated March 14, 1940 from Susie Virginia B. Shuttleworth and C. A. Shuttleworth, her husband, recorded in Book 85, at Page 253;

Deed dated September 7, 1939 from Alice Withers, et al, recorded in Book 85, at Page 278;

Deed dated December 29, 1939 from J. M. Riley and Ada Riley, his wife, recorded in Book 85, at Page 279;

Deed dated March 13, 1940 from Jane Wiseman, widow, et al, recorded in Book 85, at Page 281;

Deed dated April 10, 1940 from Effie Currey and Jonah Currey, recorded in Book 85, at Page 282; and

Deed dated June 4, 1940 from Sarah Biddle and Ingle Biddle, her husband, et al recorded in Book 86, at Page 118.

herein referred to as the "Premises," together with any and all rights necessary or convenient to develop, produce, market and sell any leased minerals as set forth in the Lease.

5. Lease Term, Commencement, Termination, Extension and Renewal

The initial term of the Lease shall begin as of the date of the Lease and continue in full force and effect for a Primary Term of five (5) years and as long thereafter as any

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AIN AT

91-012334

leased minerals are produced in commercial quantities from the Premises or Operations are underway on the Premises or land(s) unitized therewith or for as long thereafter as any leased minerals, or other products are being stored in, held in storage, or withdrawn from, any part of the Premises by Lessee or said Premises are used for the protection of any stored leased minerals or stored other products alone or in conjunction with other lands or Lessee is actively engaged in developing the area including said lands for the storage of any leased minerals or other products.

Lessee shall have the option to extend the Primary Term for the leased minerals, or oil and gas or coalbed methane, for an additional five (5) years by providing prior written notice to Lessor.

THIS MEMORANDUM OF LEASE IS NOT A COMPLETE SUMMARY OF THE LEASE. IN THE EVENT OF CONFLICT BETWEEN THIS MEMORANDUM OF LEASE AND THE LEASE, THE TERMS AND PROVISIONS OF THE LEASE SHALL CONTROL.

[Signature pages to follow.]

IN WITNESS WHEREOF, this Lease is executed by the Lessor and Lessee on the date first written above.

LESSOR:

Paul A. Mattox, Jr.

P.E., Secretary of Transportation/Commissioner of Highways

LESSEE:

Triana Energy

Triana dineigy, DE

Its: Senior Vice President

Received

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STATE OF WEST VIRGINIA,
county of Kanawha, to-wit:
The foregoing instrument was acknowledged before me on the day and
year written next below by Paul A Mattox, Jr.
Given under my hand and notarial seal this 16 th
day of August 2011.
OFFICIAL SEAL NOTARY PIBLIC STATE OF WEST VIRGINISMISSION Expires STATE OF WEST VIRGINISMISSION Expires MIA D. CROOKSHANKS 618 24th St. Dunbar, WV 25084 Hy Commission Expires Sopt 9, 2017 Hy Commission Expires Sopt 9, 2017 Hy Commission Expires Sopt 9, 2017
STATE OF WEST VIRGINIA, Notary Public
COUNTY OF KANAWHA, TO-WIT:
The foregoing instrument was acknowledged before me on the day and
year written next below by Shawn E. Casey, Senior Vice President of Triana Energy,
LLC.
Given under my hand and notarial seal this
day of July 2011. My Commission Expires June 8, 2015
OFFICIAL SEAL NOTARY PUBLIC NOTARY PUBLIC STATE OF WEST AND A KATHY SEAR A Charlesson, WY 25301 My Commission Expires June 9, 2015
APPROVED AS TO FORM THIS 26 // DAY OF July 20 // ATTORNEY LEGAL DIVISION WEST VIRGINIA DEPARTMENT OF HIGHWAYS

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west virginia department of environmental protection

Office of Oil and Gas 601 57th Street SE Charleston, WV 25304 (304) 926-0450 (304) 926-0452 fax Earl Ray Tomblin, Governor Randy C. Huffman, Cabinet Secretary www.dep.wv.gov

August 26, 2011

WELL WORK PERMIT

Horizontal Well

This permit, API Well Number: 47-9101238, issued to TRIANA ENERGY, LLC, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Please be advised that form WR-35, well operators report of well work, is to be submitted to this office within 90 days of completion of drilling, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0499 ext. 1654.

James Martin

Operator's Well No: MUSGROVE 3H

Farm Name: MUSGROVE JR. ET UX, JOHN

API Well Number: 47-9101238

Permit Type: Horizontal Well Date Issued: 08/26/2011

Promoting a healthy environment.

PERMIT CONDITIONS

West Virginia Code § 22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. <u>Failure to adhere to the specified</u> permit conditions may result in enforcement action.

CONDITIONS

- 1. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours.

 Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6-20, which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
- 2. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled *Water Well Regulations*, 64 C.S.R. 19. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within twenty-five hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.
- 3. Pursuant to 35 CSR § 4-19.1.c, if the operator is unable to sample and analyze any water well or spring within one thousand (1,000) feet of the permitted well location, the Office of Oil and Gas requires the operator to sample, at a minimum, one water well or spring located between one thousand (1,000) feet and two thousand (2,000) feet of the permitted well location.

WW-2A (Rev. 6-07)

1). Date: July 5, 2011

2.) Operator's Well Number

Musgrove #3H

State

County

Permit

3.) API Well No.:

47-

091 - 01238+1

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE AND APPLICATION FOR A WELL WORK PERMIT

•	vner(s) to be served		J b) (a) Coal Ope	erator
(a) Name	John N. Musgrov	ve, Jr. et ux 🌂	_ Name	
Address	393A RR 3		Address	
	Grafton, WV 26	354	_	
(b) Name			(b) Coal Ow	vner(s) with Declaration
Address			_ Name	John N. Musgrove, Jr. et ux
}			Address	393A RR 3
1	•		_	Grafton, WV 26354
(c) Name			Name	
Address			_ Address	
Addiess			_ /\ddicss	
G) Inchester	Pruon Harria		- (a) Coal Lor	ssee with Declaration
6) Inspector	Bryan Harris		_ ` '	ssee with Deciaration
Address	P.O. Box 157		_ Name	
	Volga, WV 2623	38	_ Address	
Telephone	304-553-6087	 	_	
				KE NOTICE THAT:
	he lease or leases or	other continuing	contract or contrac	cts by which I hold the right to extract oil and gas
<u>OR</u>				
				8(d) of the Code of West Virginia (see page 2)
I certify the	hat as required under C accompanying docume	chapter 22-6 of the	West Virginia Code	e I have served copies of this notice and application, a
ocation plat, and t		ce (Affidavit attac		lameu parties by.
· >			al receipt attached	1
<u> </u>		tice of Publication	•	,
I have re				ree to the terms and conditions of any permit issued
under this applicat	lion.	•	_	
l certify	under penalty of law	that I have persor	nally examined and	am familiar with the information submitted on this
	and all attachments, ar eve that the information			individuals immediately responsible for obtaining the
				se information, including the possibility of fine and
imprisonmenta	· · · · · · · · · · · · · · · · · · ·	3 h	, g	, and a parameter of the parameter of th
	OFFICIAL SEAL OTARY PUBLIC	Well Operator	Triana Energy, I	LLC
BYA BYA	TE OF WEST VINGINIA	By:	Rachelle A. King	g
KAT	THY L. WANDLING Z	Its:	Designated Age	
My Com	niesion Expirse July 5, 2015	Address	900 Virginia St.	
······	·····		Charleston, WV	<u>25301</u>
		Telephone	<u>304-205-8560</u>	
· 1	sworn before me this	2 <u>0th</u> day of	July	2011
Kythyl	wandling		υ ,	Notary Public
My Commission		15,2015		
Oil and Gas Privacy	Notice			

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas Department of Environmental Protection 601 57th St. SE Charleston, Wv 25304 (304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

<u>List of Water Testing Laboratories.</u> The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

VOLUNTARY STATEMENT OF NO OBJECTION

for a Well Work Permit on Form WW2-A, and attachments consa survey plat, and a soil and erosion plan, all for proposed well. I further state that I have no objection to the planned	sisting of pages 1 through including a w work on my surface land as described therei	n.
being issued on those materials.		
FOR EXECUTION BY A NATURAL PERSON	FOR EXECUTION BY A C	ORPORATION, ETC.
Date 7/1	Company Name	
Signature	Ву	
John N MUSGROVE, JR.	Its	Date
Print Name		

Signature Date

RECEIVED

Office of Oil & Gas

JUL 2 0 2011

WV Department of Environmental Proceedion

COAL OPERATOR, OWNER, OR LESSEE WAIVER

County Operator	Taylor Triana Energy, LLC	Operator's Well Numb	er Musgrove #3H
	INSTRUCTIONS TO	O COAL OPERATOR, OWN	ER, OR LESSEE
any object with the 0	the coal operator, owner, or	r lessee named on page W required to make by WV C	W2-A. You are hereby notified that ode 22-6-15, 16 or 17, must be filed after the receipt of this application
Departme 601 57 th S Charlesto	rice of Oil and Gas ent of Environmental Protection St. SE on, WV 25304 6-0499 extension 1654	on	
		WAIVER	
location had location, work pro	has examined this proposed with the well location has been accepted.	well location. If a mine map ided to the mine map. The location, provided, the we	ee/ of the coal under this well exists which covers the area of well undersigned has no objection to the ell operator has complied with all ning regulations.
FOR EXEC	CUTION BY A NATURAL PERSON	FOR EX	ECUTION BY A CORPORATION, ETC.
Ph	Musgra D	Company Name By	
	Signature	Its	Date
		-5	Signature Date

Office of Oil & Gas
JUL 2 0 2011

WV Department of Environmental Protection



