



### 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

November 18, 2011

### FINAL INSPECTION REPORT

#### **New Well Permit Cancelled**

TRIANA ENERGY, LLC,

The FINAL INSPECTION REPORT for the CANCELLED permit, API Well Number: 47-6700939, issued to TRIANA ENERGY, LLC, and listed below has been received in this office. The permit has been cancelled as of 11/4/2011.

James Martin Chief

Operator: TRIANA ENERGY, LLC

Operator's Well No: TRIANA NEW GAULEY 21D

Farm Name: GRIMMETT, MARCELLA

**API Well Number: 47-6700939** 

Date Issued: 11/03/2009

Date Cancelled: 11/04/2011

Promoting a healthy environment.

# INSPECTORS PERMIT SUMMARY FORM

GPS YES[] NO[]

DA	TE STARTED/LOCATIO	ON:	(	OPERATOR:	TRIANA ENERGY, LLO	C
DR	ILLING COMMENCED:			FARM:	GRIMMETT, MARCEL	LA
ТО	DATE:	DEPTHS:		Well No:	TRIANA NEW GAULE	Y 21D
WA	TER DEPTHS:			COAL DEPTHS		
	JESTIONS FOR THIS RE 2.1 AND 35CSR 4-16 AN				2-6-30 AND REGULATION PERMIT.	ONS 35CSR
PO	OINTS ARE TO BE GIV	EN UP TO MAXIMU	M AS SHO	WN BASED OF	N PERFORMANCE.	
1.	DID OPERATOR GIVE	PROPER NOTICE TO	O INSPECT	OR BEFORE TH	HE FOLLOWING:	
	A. CONSTRUCTION	Y	YES[] N	IO [ ] (2_PTS)		(4_PTS)
	B. DRILLING		YES[] N	O [ ] (2_PTS)		
2.	WAS THE TIMBER CU BEFORE DIRT WORK					(4_PTS)
3.	ARE ALL LOCATION	AND/OR ROAD BAN	KS BEING	SLOPED? YES	[ ] NO [ ] (4_PTS)	(4_PTS)
4.	CONSTRUCTIONS: WERE THE FOLLOWI A. ROAD DITCHES C. CULVERTS E. DIVERSION DITCHES G. TEMPORARY SEEL	(1)_(2)_(3)_(4)_( (1)_(2)_(3)_(4)_( IES (1)_(2)_(3)_(PTS	PTS) B 5)_(PTS) D 5) F	B. CROSS DRA D. CREEK CRO BARRIERS	OSSINGS (1)_(2)_(3)_(P	)_(5)_(PTS) TS)
			POINT	ΓS AVAILABLI	E FOR QUESTION 4:	(33_PTS)
5.	HAS TOP SOIL (IF AN	Y) BEEN STOCKED I	PILED?	YES[] N	IO [ ] (2_PTS)	(2_PTS)
6.	IS THE PIT PROPERLY	/ INSTALLED AND N	MAINTAINI	ED?YES[] N	IO [ ] (9_PTS)	(9_PTS)
7.	RECLAMATION:					
	A. ROADWAY	(1)_(2)_(3)_(PTS)	B.	LOCATION	(1)_(2)_(3)_(PTS	S)
	C. PITS	(1)_(2)_(3)_(PTS)	D.	PIPELINES	(1)_(2)_(3)_(PTS	S)
	E. TANK DIKES	(1)_(2)_(3)_(PTS)	F.	API INSTALLE	ED YES[] NO[	] (3_PTS)
	G. ADEQUATE SEED	ING MATERIALS	(1)_(2)_(3)_	(PTS)		
	H. WAS SEED BED A	DEQUATE	(1)_(2)_(3)_	(PTS)		
			POINT	S AVAILABLE	FOR QUESTION 7:	(24_PTS)
8.	WAS RECLAMATION 6 MTHS OF TD 6_PTS		TD 12_PTS		HS OF TD 19_PTS ONL'	
		RECE	EIVED		FOR QUESTION 8:	(19_PTS)
Т	OTAL MAXIMUM PO	SSIBLE OFFISE OF S	ଔil & Ga	S TOTAL RE	ECLAMATION SCORE	:
	11/4/11	NOV 0	4 2011	TS		
	DATE RELEAS	WV Depa	rtment d	INS	PECTOR'S SIGNATURE	<u> </u>
	•	Environment	al Prote	Ction	N PAGE 2	
		~ ANC	F1			
			<u> </u>			



### 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 Joe Manchin III, Governor Randy C. Huffman, Cabinet Secretary www.wvdep.org

November 03, 2009

# WELL WORK PERMIT

#### New Well

This permit, API Well Number: 47-6700939, 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.

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 Chief

Operator's Well No: TRIANA NEW GAULEY 21D

Farm Name: GRIMMETT, MARCELLA

**API Well Number: 47-6700939** 

Permit Type: New Well Date Issued: 11/03/2009

Promoting a healthy environment.

67-00939

Form: WW - 2B

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

		ر ا ا	7 5	312				
1) Well Operator TRIANA ENERGY, L	.LC	Nicholas	Kentucky					
· · · · · · · · · · · · · · · · · · ·	Operator ID	County	District	Quad				
2) Operator's Well Number: TRIANA N	EW GAULEY #21D	3)	Elevation:	2,363' GL				
4) Well Type: (a) Oil ☐ or Gas ☒ (b) If Gas: Production ☒ / Underground Storage ☐ Deep ☐ / Shallow ☒								
5) Proposed Target Formation(s): Devonian Shale								
6) Proposed Total Depth: 7,271 feet KB								
7) Approximate fresh water strata depth	7) Approximate fresh water strata depths: 459'							
8) Approximate salt water depths: 2,299	9'							
9) Approximate coal seam depths: 456, 482, 653, 701								
10) Does land contain coal seams tributary to active mine? YES								
11) Describe proposed well work Dril wel	ll, e-log and complete ll	(hydraulica	lly fracture) a	a vertical gas				

12) CASING AND TUBING PROGRAM

TYPE SPECIFICATIONS				<u>FOOTAGE</u>	INTERVALS	<u>CEMENT</u>
	<u>Size</u>	Grade	Weight per ft	For Drilling	Left in Well	Fill-up (Cu. Ft.)
Conductor	13-3/8"	LS	37.0	30'	30'	Grout
Fresh Water	9-5/8"	LS	32.30	1,100'	1,100'	CTS
Coal	9-3/0		32.30	1,100	1,100	010
Intermediate	7"	LS	23.0	3,100'	3,100'	@ 1,000'
Production	4-1/2"	M-65	10.5	7,261'	7,261'	*300 ft. above shallowest completion objective
Tubing	2-3/8	J-55	4.6	Will be	set 50 ft. abo	

\* Will be determined after logging well.

002388 Sizes: N/A

Packers: Kind N/A

Depths Set:: N/A

10-14-2009

Office of Oil 8 Gas

Liner

WW-2A	Notice	&	<b>Application</b>
Revised	8/02		

1) Date:

October 13, 2009

2) Operator's Well Number

**TRIANA NEW GAULEY #21D** 

3) API Well No.: 47 - State

067 County 00939

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

	/		
4) Surface Ow	ner(s) to be served: 5	) (a) Coal Opera	ator /
, –	Marcella Grimmett		White Buck Coal Company
(a) Name	12	Name	P.O. Box 180
Address	118 Nice Lane	Address	
	Nettie, WV 26681		Leivasy, WV 26676
(b) Name	Plum Creek Timberlands/	(b) Coal Own	er(s) with Declaration
Address	P.O. Box 1109 /	Name	WPP, LLC (NRP, LP)
	Lewisburg, WV 24901-4109	Address	5260 Irwin Road
	<b>3</b> ,		Huntington, WV 25705
(c) Name		Name	/
Address		Address	
Address		Address	
			5 /
	Dave Gilbert		ee with Declaration
Address	1727 Horsefork Road	Name	Green Valley Coal,∕Company
	Wallback, WV 25285	Address	P.O. Box 190
		Addiess	Leivasy, WV 26676
Telephone	304-389-3705		
	TO THE PERSONS NAM	IED ABOVE TA	AKE NOTICE THAT:
☐ Included is the			ts by which I hold the right to extract oil and gas
OR			, ······
	information required by Chapter 22,	Article 6, Section 8	8(d) of the Code of West Virginia (see page 2)
<del></del>			
I certify th	at as required under Chapter 22-6 of	of the West Virgin	ia Code have served copies of this notice and
application, a local	tion plat, and accompanying docume	nts pages 1 throug	gh 3 of the above named parties by:
Personal Servi	ice (Affidavit attached)	,	CE OIL STORY
Certified Mail (	Postmarked postal receipt attached)	/	Arcol & Miles
☐ Publication (No	otice of Publication attached)	<b>(</b> d	th 3 of the above named parties by:
l have rea	d and understand Chanter 22-6, and	35 CSR 4 and	agree to she seems and conditions of any permit
issued under this a	and understand onapter 22-5 and	33 331X 4, and	agree to an entry permit
I certify ur	nder penalty of law that I have person	onally examined a	no am williar with the information submitted on
this application for	ice (Affidavit attached) Postmarked postal receipt attached) otice of Publication attached) d and understand Chapter 22-6 and application. Inder penalty of law that I have personner and all attachments, and that barmation, I believe that the information	sed on my inquiry	of these individuals immediately responsible for
obtaining the infor	mation, I believe that the information	is true, accurate a	nd complete.
l am awar	e that there are significant penalties	for submitting false	e information, including the possibility of fine and
imprisonment.			
114111111111111111111111111111111111111	OFFICIAL SEAL Well Operator	TRIANA ENERG	
	E OF WEST VIRGINIA BY	Ray Prudnick, J	
	Ingela R. Lanning	Vice President,	
Triana M	lanagement Services, LLC Address P.O. Box 6870		eet, East, Suite 400 st Virginia 25301
Ch	arleston, WV 25362	(304) 380-0113	st virginia 25501
MA COUNTY	ssion Expires March 20, 2018 = Telephone	(304) 630-0113	
Subscribed and sv	vorn pefore me this 12th day of	(), hoh	el .2/109
	Unalexale.	<u> </u>	Notary Public
My Commission E	xpires	xch 70	708

## BOOK 6770 368

# MEMORANDUM OF OIL AND GAS LEASE

91

This Memorandum of Oil and Gas Lease made and entered into this <u>LST</u> day of <u>MAY</u>, 2000, by and between NEW GAULEY COAL CORPORATION (a West Virginia corporation), Post Office Box 2827, Huntington, WV 25727, herein called "Lessor", and J. W. KINZER, Post Office Box 155, Allen, KY 41601, herein called "Lessee".

#### WITNESSETH

WHEREAS, Lessor and Lessee have entered into an Oil and Gas Lease dated May 1, 2000, and wish to give notice to all parties of same.

NOW THEREFORE, be it known that under and by virtue of the terms, obligations and conditions of said Lease, Lessor, for good and valuable consideration, has granted, demised, leased and let unto Lessee, for oil and gas purposes only, certain properties, or interest in same, situate in Greenbrier and Nicholas Counties, West Virginia, and being more particularly shown on the map titled, "Exhibit A Map to Accompany Oil and Gas Lease between New Gauley Coal Corporation, Lessor and J. W. Kinzer, Lessee", which is attached hereto and made a part hereof.

Said oil and gas lease is for a primary term of one (1) year with the option of extending same for an additional period of time, but not beyond twelve (12) years, provided Lessee is in compliance with all terms, obligations, and conditions of same.

The leased premises has been leased to Lessee upon certain terms, obligations and conditions more fully set forth in said oil and gas lease and which certain terms, obligations and conditions are hereby incorporated by reference as if completely set forth herein.

In witness whereof, this Memorandum of Oil and Cas Leave has been duly executed by Lessor and Lessee as of the day and year first above written to Case has been duly executed by

E LESSOR

LESSEE:

GANTAN COAL CORPORATION,

Wand Virginia corporation

Its: Prosides

J. W. KINZER

By W. Linger

JW KINKER Drillinger POBA 155 WHAN KY 41801-0155

119 12 52 PH "OF

Form WW-2A-1 (8/02)

Operator's Well Number TRIANA NEW GAULEY #21D

# INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6, Section 8(d) 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
New Gauley Coal Corporation	J.W. Kinzer	1/8	Unrecorded

Office of Oil & Cas
Office of Oil & 2009
OCT 1 6 2009
OWN Department of the ction
Environmental Protection

Well Operator: TR

TRIANA ENERGY, LLC

By:

Its: Vice President of Operations

Well No. Triana New Gauley #21D

# West Virginia Department of Environmental Protection Office of Oil and Gas

#### NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

Well operator's private laboratory	X Contractor Name	REIC Labs	•
	Well operator's pri	vate laboratory	
\\\-\ \C_{\pi} = \pi - \pi - \pi - \pi - \pi \\\\\\\\\\\	\M-II O	Triana France III O	
Well Operator Triana Energy, LLC	vveii Operator	I flana Energy, LLC	l length with
Address 900 Virginia Street, East – Suite 400	Address	900 Virginia Street, East – Suite 400	Co.
Charleston, WV 25301		Charleston, WV 25301	
Telephone 304-380-0100	Telephone	304-380-0100	(a, 00, 04, 4)

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.

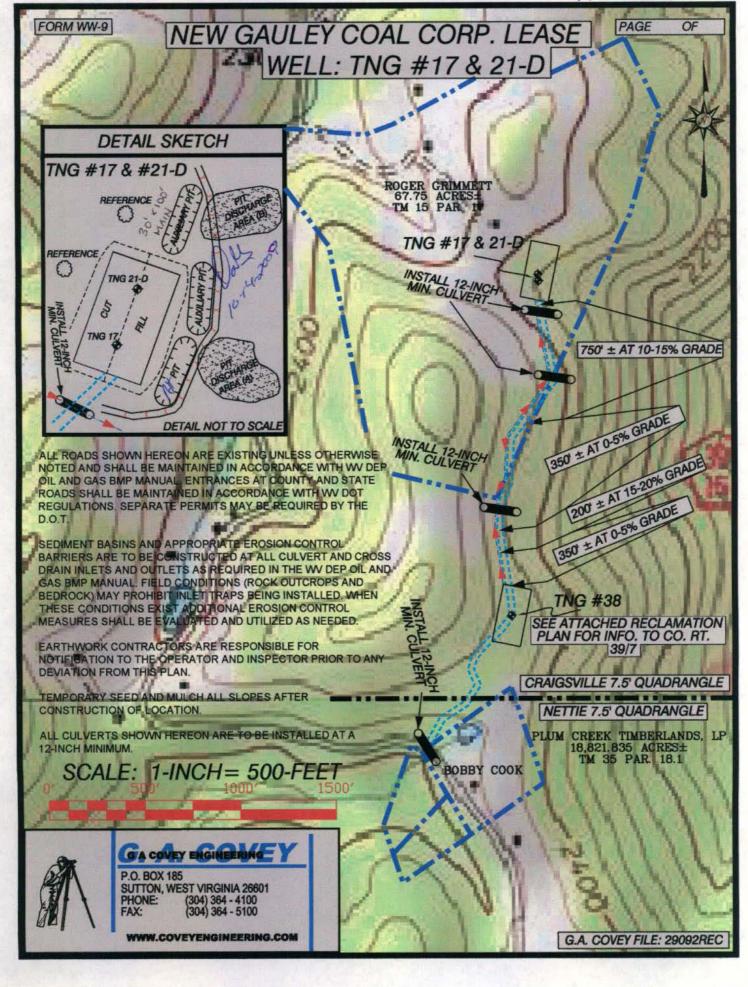
<sup>\*</sup>none within 1,000'\*

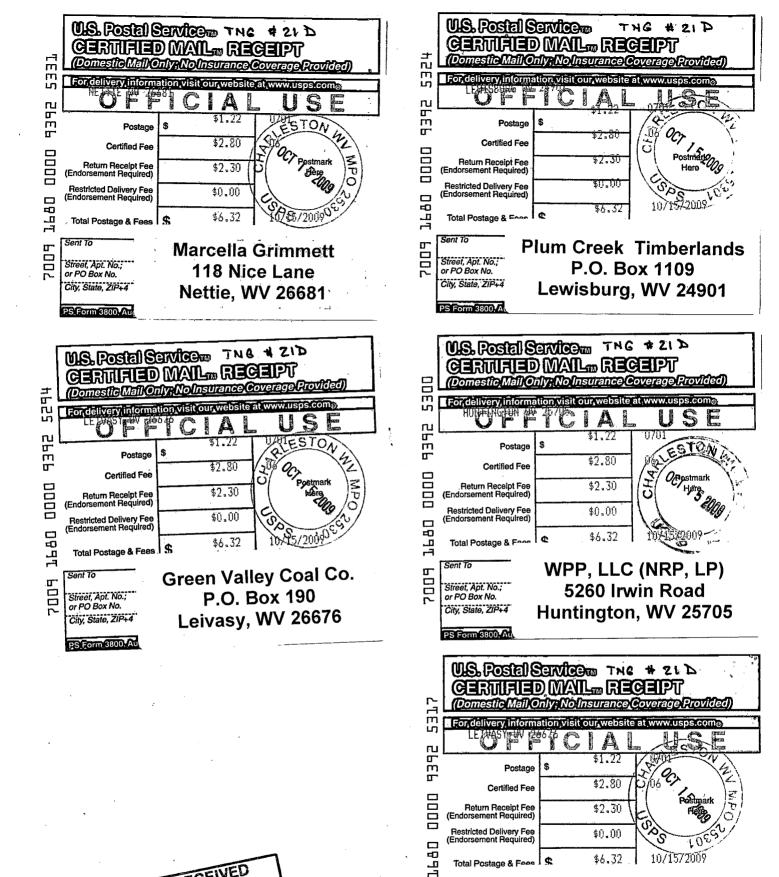
# STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Nar	neTriar	na Energy, LI	LC		OP Code		
Watershed	Panthe	er Creek of G	auley River	Quadrang	gleCraigsv	ville	
Elevation _	2,363'	· · · · · · · · · · · · · · · · · · ·	County	Nicholas	District	Kentucky	
Description o	of anticipated	Pit Waste: _	Drill Water,	, Frac Blow Back, & \	arious Formation	Cuttings	<del></del>
Will a synthe	tic liner be u	sed in the pit?	_YYes, if im	npervious material is no	ot available on site	<u></u> .	
Proposed Dis	_X_	Reuse (at A Off Site Di	cation nd Injection ( U API Number	IC Permit Number v form WW-9 for dispo	osal location)		
Proposed Wo	X	h Pit Will Be l _ Drilling _ Workover _ Other (Exp		X Swabbing Plugging	3		
31, 1999, by enforceable to action.  I contain attachment information in of fine or impany Of	the Office of by law. Vio ertify under puts thereto and strue, accurations true, accuration of the control of t	f Oil and Gas of lations of any penalty of law and that, based ate, and complare.	of the West Virg term or conditi that I have pers on my inquiry of lete. I am award	ginia Division of Envir- tion of the general perronally examined and an of those individuals im that there are signific	onmental Protection nit and/or other app m familiar with the i mediately responsib ant penalties for sub	. I understand that the blicable law or regular information submitted le for obtaining the immitting false information.	PERMIT issued on December the provisions of the permit are ation can lead to enforcement d on this application form and information, I believe that the ation, including the possibility
		,	Ray Prudnic President - C			ALC OF	,
Subscribed a	nd sworn-bef	Fore me this	1213 da	y of Octob	, 20 <u>(</u>	Office of Or of Original Control of the Original Contr	A CONTRACTOR OF THE PROPERTY O
My commiss	ion expires_				Lanning ent Services, LLC ex 6870 WV 25362 WW 437th 20, 2018		

### **TNG #21D**

		LEGEND	
Property Boundar	y A	Diversion Control of the Diversion Control of	Ш
Road = = =		_ Spring	
Existing Fence -	-×-×-×	Wet Spot	
Planned Fence _	_/_/_/	Drain Pipe with size in inches (2)	<b>→</b>
Stream	A A A	→ Waterway ← ← ← ← ← ← ←	
Open Ditch —	<del></del>	Cross Drain	T
Rock 6358	2	Artificial Filter Strip XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	X
North N		Pit: cut walls	
Buildings		Pit: compacted fill walls	
Water wells	<b>(W)</b>	Area for Land Application of Pit Waste	
Drill site	Ð		
Fertilizer (10-		rrect to pH6.5 onlbs/acre (500 lbs minimum)Tons/acre Seed Mixtures  Area II Seed Type lbs/acre	
KY-31	40	Orchard Grass15	
Alsike Clover	5	Alsike Clover5	
	15		
Aiiiuai Kyc	13		
	ation,pit and proposed area for involved 7.5' topographic sheet	Sike Gas	
Field Reviewed?	Yes	() No	





Sent To

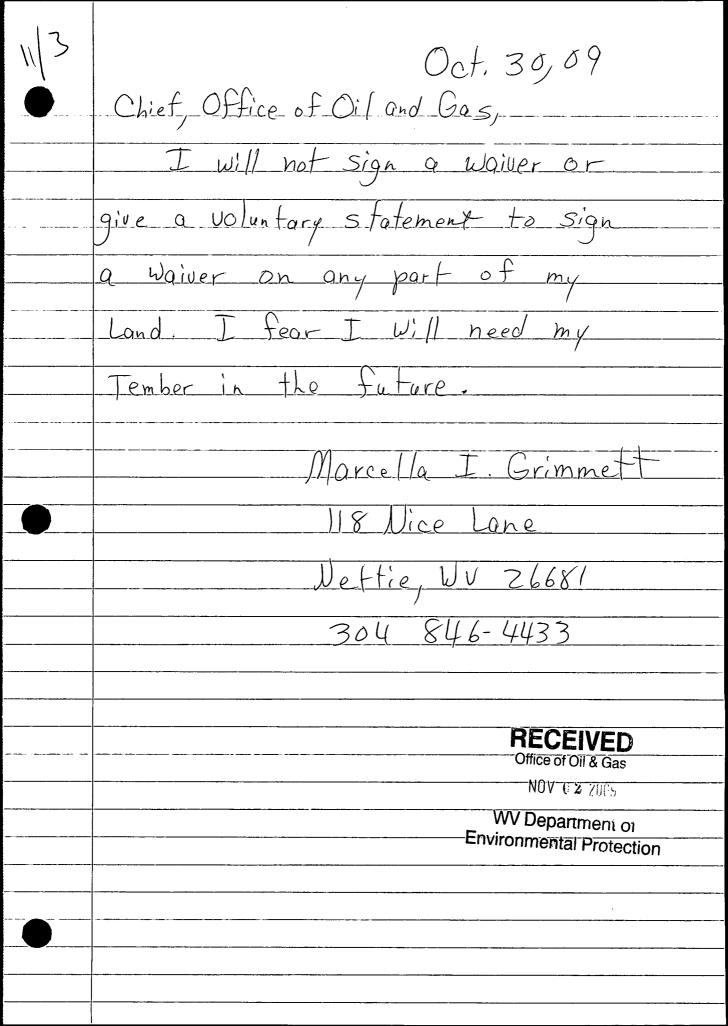
Street, Apt. No.;

PS Form 3800 Au

or PO Box No. City, State, ZIP+4



White Buck Coal Co. P.O. Box 180 Leivasy, WV 26676



iaigsville TRIANA ENERGY, LLC Operator: 6700939 API: TRIANA NEW GAULEY 21D WELL No: Date: 10-24-09. Reviewed by: 15 Day End of Comment: **CHECKLIST FOR FILING A PERMIT New Well** Inspector signature on WW-2B WW-2A (Notarized) Certified Mail Receipts, Waivers, or Affidavits of Personal Service Surface Owner Waiver Coal Owner / Lessee /Operator Waiver WW-2A-1 (Signed) Showing Book/Page Number and Royalty Percentage WW2B-1 (Names, addresses, and spot on topographical map listed as water testing) WW-9 (Page 1 & 2) (Notarized) Inspector Signature on WW-9 Reclamation plan Topographic Map of location of well Mylar Plat (Signed and Sealed) (Surface owner on plat matches WW-2A) Bond

Company is Registered with the SOS

\$650.00 check (\$550.00 if no pit)

Worker's Compensation / Unemployment Insurance account is OK