

# NEW GAULEY COAL CORPORATION LEASE 18,821.835 OF 29,809 ACRES± WELL NO. TNG 12

### NOTES

LEASE BOUNDARY DOES NOT APPEAR WITHIN THE SCOPE OF THIS PLAT.

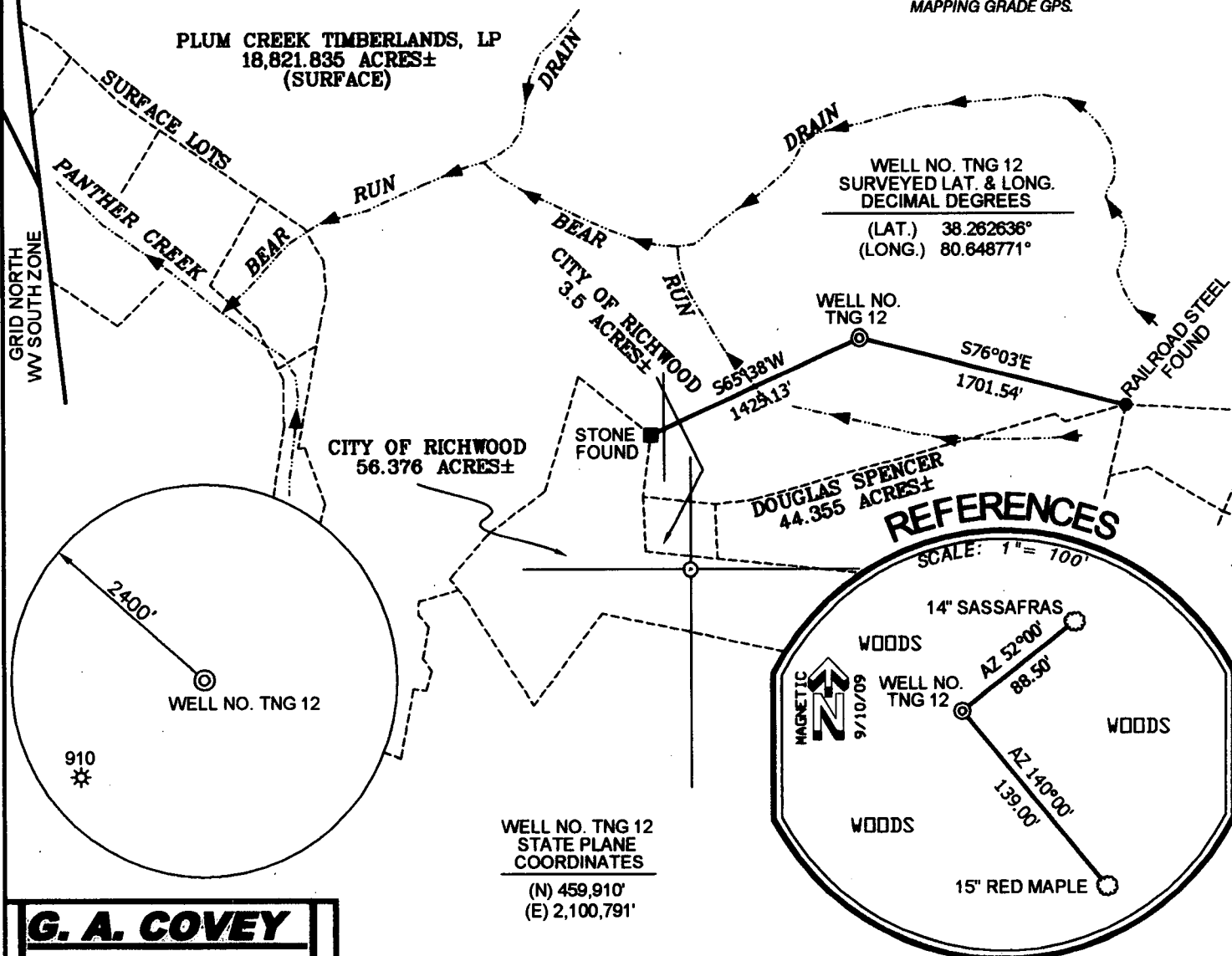
OWNERSHIP INFORMATION TAKEN FROM PUBLIC RECORDS OF NICHOLAS COUNTY, WV IN JANUARY, 2008.

WELL LAT./LONG. ESTABLISHED BY DIFFERENTIAL SUBFOOT MAPPING GRADE GPS.

LONGITUDE 80°37'30"

10610'

SURVEYED LAT. 38° 15' 45.5"



**G. A. COVEY**  
ENGINEERING

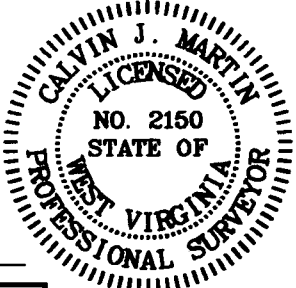
WELL NO. TNG 12  
STATE PLANE  
COORDINATES  
(N) 459,910'  
(E) 2,100,791'

### REFERENCES

(+) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS.

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 2150 *Calvin J. Martin*



DATE SEPTEMBER 30 20 09

OPERATORS WELL NO. TNG 12

API WELL NO. 47-067-00935  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500

FILE NO. 29091P12 (50-56)

SCALE 1" = 1000'

PROVEN SOURCE OF ELEVATION DGPS (SUBFOOT MAPPING GRADE)

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



WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 2425' WATERSHED BEAR RUN OF PANTHER CREEK OF GAULEY RIVER  
DISTRICT KENTUCKY COUNTY NICHOLAS QUADRANGLE CRAIGSVILLE 7.5'  
SURFACE OWNER PLUM CREEK TIMBERLANDS, LP. ACREAGE 18,821.835±  
ROYALTY OWNER NEW GAULEY COAL CORPORATION LEASE ACREAGE 18,821.835 OF 29,809±

PROPOSED WORK: LEASE NO. \_\_\_\_\_  
DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION   
PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER   
PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION DEVONIAN SHALE  
ESTIMATED DEPTH 7,245'

WELL OPERATOR TRIANA ENERGY, LLC. DESIGNATED AGENT RAY PRUDNICK, JR.  
ADDRESS 900 VIRGINIA STREET EAST, SUITE 400 ADDRESS 900 VIRGINIA STREET EAST, SUITE 400  
CHARI ESTON WV 25301 CHARI ESTON WV 25301

COUNTY NAME

PERMIT



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**west virginia** department of environmental protection

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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**

### **Horizontal Well Permit Cancelled**

TRIANA ENERGY, LLC,

The FINAL INSPECTION REPORT for the CANCELLED permit, API Well Number: 47-6700935, 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: TNG-12  
Farm Name: PLUM CREEK TIMBERLANDS  
**API Well Number: 47-6700935**  
Date Issued: 10/09/2009

Date Cancelled: 11/04/2011

**Promoting a healthy environment.**

INSPECTORS PERMIT SUMMARY FORM

GPS YES [ ] NO [ ]

DATE STARTED/LOCATION: 10-21-2009 OPERATOR: TRIANA ENERGY, LLC  
DRILLING COMMENCED: \_\_\_\_\_ FARM: PLUM CREEK TIMBERLANDS  
TO DATE: \_\_\_\_\_ DEPTHS: \_\_\_\_\_ Well No: TNG-12  
WATER DEPTHS: \_\_\_\_\_ COAL DEPTHS \_\_\_\_\_

QUESTIONS FOR THIS REPORT ARE IN ACCORDANCE OF WV CODE 22-6-30 AND REGULATIONS 35CSR 4-12.1 AND 35CSR 4-16 AND THE GENERAL WATER POLLUTION CONTROL PERMIT.

POINTS ARE TO BE GIVEN UP TO MAXIMUM AS SHOWN BASED ON PERFORMANCE.

- 1. DID OPERATOR GIVE PROPER NOTICE TO INSPECTOR BEFORE THE FOLLOWING:
  - A. CONSTRUCTION YES [ ] NO [ ] (2\_PTS) (4\_PTS) \_\_\_\_\_
  - B. DRILLING YES [ ] NO [ ] (2\_PTS)
- 2. WAS THE TIMBER CUT, STACKED, AND BRUSH USED FOR SEDIMENT BARRIERS BEFORE DIRT WORK STARTED? YES [ ] NO [ ] (2\_PTS) (4\_PTS) \_\_\_\_\_
- 3. ARE ALL LOCATION AND/OR ROAD BANKS BEING SLOPED? YES [ ] NO [ ] (4\_PTS) (4\_PTS) \_\_\_\_\_
- 4. CONSTRUCTIONS:  
WERE THE FOLLOWING SEDIMENT CONTROL STRUCTURES PROPERLY INSTALLED/MAINTAINED?
  - A. ROAD DITCHES (1)\_ (2)\_ (3)\_ (4)\_ (PTS) B. CROSS DRAINS (1)\_ (2)\_ (3)\_ (4)\_ (5)\_ (PTS)
  - C. CULVERTS (1)\_ (2)\_ (3)\_ (4)\_ (5)\_ (PTS) D. CREEK CROSSINGS (1)\_ (2)\_ (3)\_ (PTS)
  - E. DIVERSION DITCHES (1)\_ (2)\_ (3)\_ (PTS) F. BARRIERS (1)\_ (2)\_ (3)\_ (PTS)
  - G. TEMPORARY SEEDING YES [ ] NO [ ] (10\_PTS)

POINTS AVAILABLE FOR QUESTION 4: (33\_PTS) \_\_\_\_\_

- 5. HAS TOP SOIL (IF ANY) BEEN STOCKED PILED? YES [ ] NO [ ] (2\_PTS) (2\_PTS) \_\_\_\_\_
- 6. IS THE PIT PROPERLY INSTALLED AND MAINTAINED? YES [ ] NO [ ] (9\_PTS) (9\_PTS) \_\_\_\_\_
- 7. RECLAMATION:
  - A. ROADWAY (1)\_ (2)\_ (3)\_ (PTS) B. LOCATION (1)\_ (2)\_ (3)\_ (PTS)
  - C. PITS (1)\_ (2)\_ (3)\_ (PTS) D. PIPELINES (1)\_ (2)\_ (3)\_ (PTS)
  - E. TANK DIKES (1)\_ (2)\_ (3)\_ (PTS) F. API INSTALLED YES [ ] NO [ ] (3\_PTS)
  - G. ADEQUATE SEEDING MATERIALS (1)\_ (2)\_ (3)\_ (PTS)
  - H. WAS SEED BED ADEQUATE (1)\_ (2)\_ (3)\_ (PTS)

POINTS AVAILABLE FOR QUESTION 7: (24\_PTS) \_\_\_\_\_

- 8. WAS RECLAMATION COMPLETED WITHIN:  
6 MTHS OF TD 6\_PTS ONLY; 4 MTHS OF TD 12\_PTS ONLY; 2 MTHS OF TD 19\_PTS ONLY;

**RECEIVED**  
**Office of Oil & Gas** POINTS AVAILABLE FOR QUESTION 8: (19\_PTS) \_\_\_\_\_

TOTAL MAXIMUM POSSIBLE SCORE OF 99  
NOV 04 2011

TOTAL RECLAMATION SCORE: \_\_\_\_\_

11/4/11 WV Department of Environmental Protection  
DATE RELEASED INSPECTOR'S SIGNATURE

RECORD INSPECTIONS TO THIS WELL ON PAGE 2

Cancel Never Built



**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

October 09, 2009

**WELL WORK PERMIT**

**New Well**

This permit, API Well Number: 47-6700935, 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: TNG-12  
Farm Name: PLUM CREEK TIMBERLANDS  
**API Well Number: 47-6700935**  
**Permit Type: New Well**  
Date Issued: 10/09/2009

**Promoting a healthy environment.**

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

1) Well Operator **TRIANA ENERGY, LLC** Operator ID **Nicholas** **Kentucky** **Craigsville**  
County District Quad

2) Operator's Well Number: **TRIANA NEW GAULEY #12**      3) Elevation: 2,425' 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: 7,313 feet KB

7) Approximate fresh water strata depths: 501'

8) Approximate salt water depths: 2,341'

9) Approximate coal seam depths: 498, 524, 695, 743

10) Does land contain coal seams tributary to active mine? YES

11) Describe proposed well work      Drill, e-log and complete (hydraulically fracture) a vertical gas well..

12) **CASING AND TUBING PROGRAM**

| TYPE         | SPECIFICATIONS |       |               | FOOTAGE INTERVALS                                     |              | CEMENT   |
|--------------|----------------|-------|---------------|---|--------------|--|
|              | Size           | 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         | 1,150'  | 1,150'       | CTS  |
| Coal         |                |       |               |   |              |  |
| Intermediate | 7"             | LS    | 23.0          | 3,150'  | 3,150'       | @ 1,050'                                       |
| Production   | 4-1/2"         | M-65  | 10.5          | 7,310'  | 7,310'       | *300 ft. above shallowest completion objective |
| Tubing       | 2-3/8          | J-55  | 4.6           | Will be set 50 ft. above bottom of production casing. |              |  |
| Liner        |                |       |               |   |              |  |

\* Will be determined after logging well.

Packers:      Kind N/A  
 Sizes: N/A  
 Depths Set:: N/A

*Dave G.*  
**RECEIVED**  
 10- Office of Oil & Gas  
 OCT 09 2009  
 WV Department of  
 Environmental Protection

*OK #2384  
 \$650-*

1) Date: October 6, 2009

2) Operator's Well Number  
**TRIANA NEW GAULEY #12**

3) API Well No.: 47 - 067 -           
State County Permit

**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 Owner(s) to be served:  
(a) Name Plum Creek Timberlands  
Address P.O. Box 1109  
Lewisburg, WV 24901-4109

5) (a) Coal Operator  
Name White Buck Coal Company  
Address P.O. Box 180  
Leivasy, WV 26676

(b) Name  
Address

(b) Coal Owner(s) with Declaration  
Name WPP, LLC (NRP, LP)  
Address 5260 Irwin Road  
Huntington, WV 25705

(c) Name  
Address

Name  
Address

6) Inspector Dave Gilbert  
Address 1727 Horsefork Road  
Wallback, WV 25285

(c) Coal Lessee with Declaration  
Name Green Valley Coal Company  
Address P.O. Box 190  
Leivasy, WV 26676

Telephone 304-389-3705

**TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:**

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas
- OR**
- Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 3 on the above named parties by:

- Personal Service (Affidavit attached)
- Certified Mail (Postmarked postal receipt attached)
- Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

My Commission Expires March 20, 2018  
Charleston, WV 25362  
P.O. Box 6870  
Triana Management Services, LLC  
Angela R. Lanning  
NOTARY PUBLIC  
STATE OF WEST VIRGINIA  
OFFICIAL SEAL



Well Operator  
By:  
Its:  
Address  
Telephone

**TRIANA ENERGY, LLC**  
Ray Prudnick, Jr. *Ray Prudnick, Jr.*  
Vice President, Operations  
900 Virginia Street, East, Suite 400  
Charleston, West Virginia 25301  
(304) 380-0113

Subscribed and sworn before me this 8<sup>th</sup> day of October  
*Angela R. Lanning*  
My Commission Expires March 20, 2018

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Notary Public  
OCT 09 2009

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 |

Well Operator: TRIANA ENERGY, LLC  
 By: *Ray Rudnick Jr.*  
 Its: Vice President of Operations

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 Environmental Protection

BOOK 677C 368

MEMORANDUM OF OIL AND GAS LEASE

97

This Memorandum of Oil and Gas Lease made and entered into this 1ST day of MAY, 2009, 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 Gas Lease has been duly executed by Lessor and Lessee as of the day and year first above written.

*JW Kinzer Drilling Co  
PO Box 155  
Allen KY 41601-0155*

Jun 19 12 52 PM '00

LESSOR:

**NEW GAULEY COAL CORPORATION,**  
a West Virginia corporation

By: *Nick Carter*  
Its: President

LESSEE:

**J. W. KINZER**

RECEIVED By *J.W. Kinzer*  
Office of Oil & Gas

OCT 09 2009

WV Department of  
Environmental Protection

Exhibit - B



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:

|               |                                    |  |
|---------------|------------------------------------|--|
| <u>  X  </u>  | Contractor Name                    | <u>REIC Labs</u>                             |
| <u>      </u> | Well operator's private laboratory |  |
|               | Well Operator                      | <u>Triana Energy, LLC</u>                    |
|               | Address                            | <u>900 Virginia Street, East – Suite 400</u> |
|               |                                    | <u>Charleston, WV 25301</u>                  |
|               | Telephone                          | <u>304-380-0100</u>                          |

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.

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\*none within 1,000'\*

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**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 Name Triana Energy, LLC OP Code \_\_\_\_\_

Watershed Bear Run of Panther Creek of Gauley River Quadrangle Craigsville

Elevation 2,425' County Nicholas District Kentucky

Description of anticipated Pit Waste: Drill Water, Frac Blow Back, & Various Formation Cuttings

Will a synthetic liner be used in the pit? Y Yes, if impervious material is not available on site \_\_\_\_\_.

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection ( UIC Permit Number \_\_\_\_\_ )
- Reuse (at API Number \_\_\_\_\_ )
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

Proposed Work For Which Pit Will Be Used:

- Drilling  Swabbing
- Workover  Plugging
- Other (Explain \_\_\_\_\_)

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on December 31, 1999, by the Office of Oil and Gas of the West Virginia Division of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature *Ray Prudnick, Jr.*

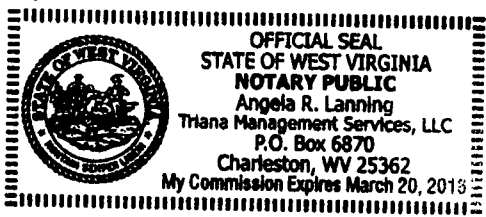
Company Official (Typed Name) Ray Prudnick, Jr.

Company Official Title Vice President - Operations

Subscribed and sworn before me this 8<sup>th</sup> day of October, 2009

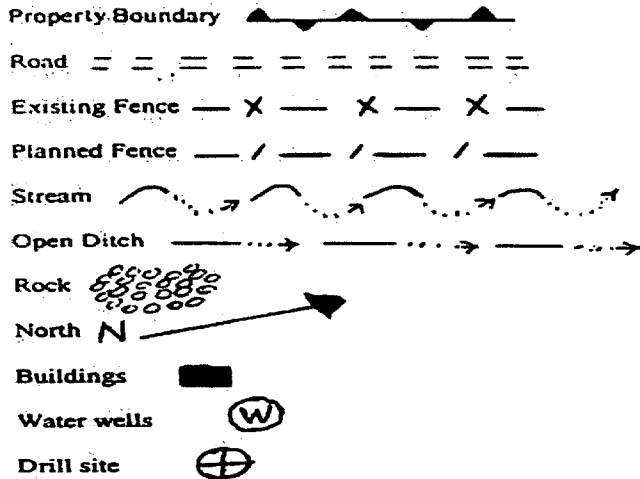
*Angela R. Lanning* Notary Public

My commission expires March 29, 2018

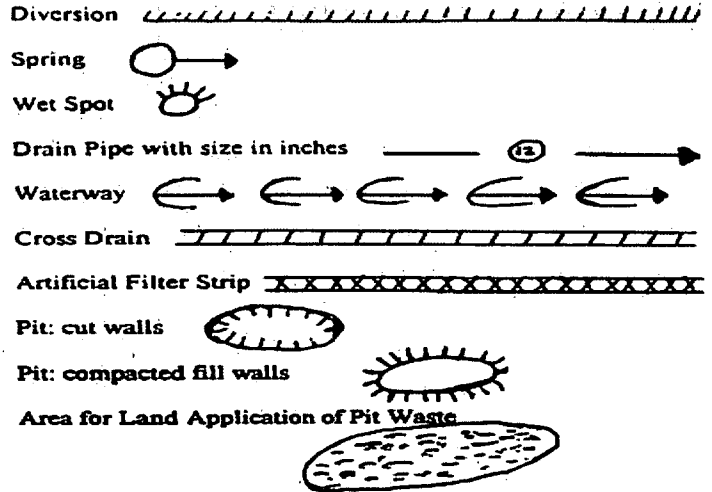


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TNG #12



LEGEND



Proposed Revegetation Treatment: Acres Disturbed +/- 2.75 Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 1/3 Ton 500 lbs/acre (500 lbs minimum)

Mulch Hay @ 2 Tons/acre

Seed Mixtures

| Area I        |          | Area II       |          |
|---------------|----------|---------------|----------|
| Seed Type     | lbs/acre | Seed Type     | lbs/acre |
| KY-31         | 40       | Orchard Grass | 15       |
| Alsike Clover | 5        | Alsike Clover | 5        |
| Annual Rye    | 15       |               |          |

Attach:

Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: *David G. [Signature]*

Comments: \_\_\_\_\_

Title: *Disturbance Report* Date: *10-7-2009*

Field Reviewed?  Yes

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Office of Oil & Gas

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WV Department of  
Environmental Protection

# NEW GAULEY COAL CORP. LEASE

## WELL: TNG #12

### SCALE: 1-INCH = 500-FEET



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV DEP OIL AND GAS BMP MANUAL. ENTRANCES AT COUNTY AND STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV DOT REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV DEP OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED AND MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

ALL CULVERTS SHOWN HEREON ARE TO BE INSTALLED AT A 12-INCH MINIMUM.

TO TNG #18  
47-067-00931

SEE ATTACHED RECLAMATION PLANS FOR TNG #15 (47-067-00928) AND TNG #18 (47-067-00931) FOR INFO TO COUNTY ROAD

PLUM CREEK TIMBERLANDS, LP  
18,821.835 ACRES±  
(SURFACE)

CRAIGSVILLE 7.5' QUADRANGLE

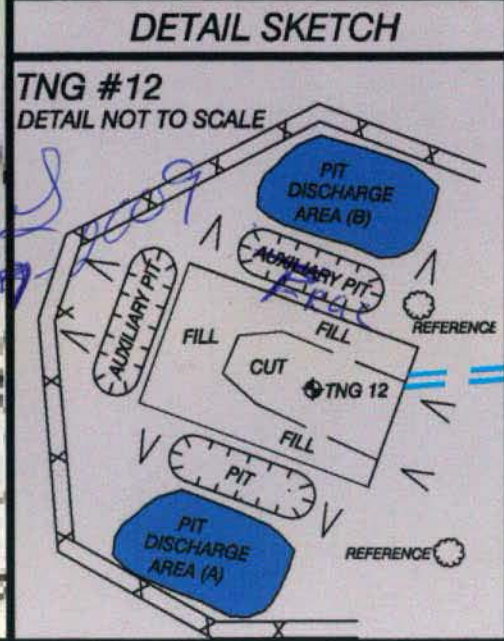
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OC 09 2009

TNG #12  
(SEE DETAIL SKETCH)

*Frac Pit  
30X100  
10'*

TIMOTHY R. SPENCER  
10.1 ACRES±  
(SURFACE)

DOUGLAS SPENCER  
44.355 ACRES±  
(SURFACE)

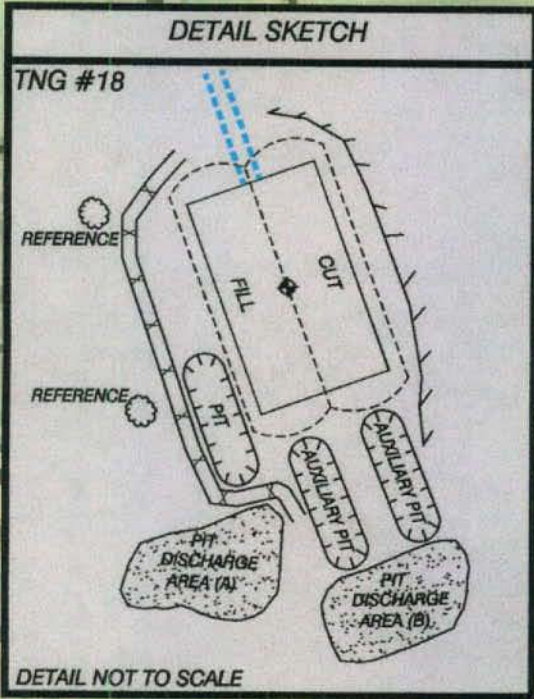


### G. A. COVEY ENGINEERING

P.O. BOX 188  
SUTTON, WEST VIRGINIA 26601  
PHONE: (304) 364-4100  
FAX: (304) 364-5100

WWW.COVEYENGINEERING.COM

# NEW GAULEY COAL CORP. LEASE WELL: TNG #18



CRAIGSVILLE 7.5' QUADRANGLE

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV DEP OIL AND GAS BMP MANUAL. ENTRANCES AT COUNTY AND STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV DOT REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV DEP OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED AND MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

THERE APPEAR TO BE NO LEASE/SURFACE BOUNDARY LINES IN THE IMMEDIATE VICINITY OF THE ACCESS ROAD OR PROPOSED LOCATION.

ALL CULVERTS SHOWN HEREON ARE TO BE INSTALLED AT A 12-INCH MINIMUM.

SCALE: 1-INCH = 400-FEET



## G. A. COVEY ENGINEERING

P.O. BOX 185  
SUTTON, WEST VIRGINIA 26601  
PHONE: (304) 364 - 4100  
FAX: (304) 364 - 5100

WWW.COVEYENGINEERING.COM

RECEIVED  
Office of Oil & Gas

OCT 09 2009

WV Department of  
Environmental Protection

# NEW GAULEY COAL CORP. LEASE WELL: TNG #15



TNG #15  
(SEE DETAIL SKETCH)

780' ± AT 0-6% GRADE

PLUM CREEK  
TIMBERLANDS, LP

150' ± AT 5-10% GRADE

620' ± AT 5-10% GRADE

MINIMAL DRAINAGE  
ALONG RIDGE

2100' ± AT 0-6% GRADE

TNG #18

210' ± AT 10-15% GRADE

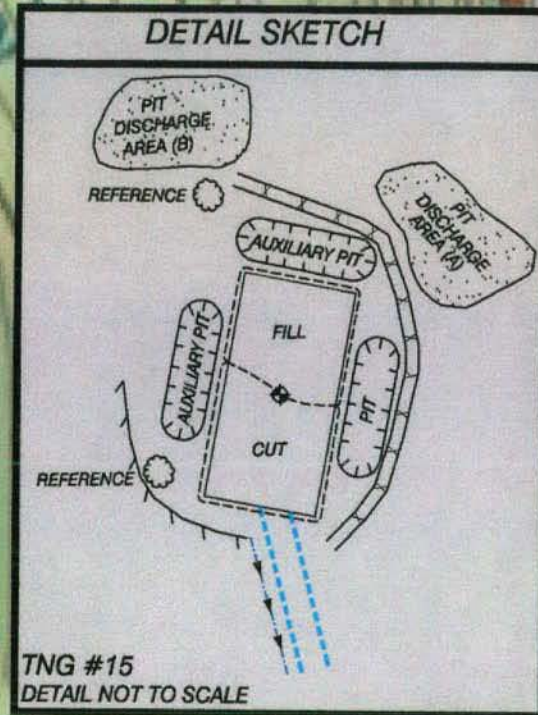
BEGIN NEW  
CONSTRUCTION

EXISTING ACCESS ROAD

2220' ± AT 5-10% GRADE

LINE "A"

MATCH



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SCALE: 1-INCH = 600-FEET



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# NEW GAULEY COAL CORP. LEASE WELL: TNG # 2R & 9

NETTIE 7.5' QUADRANGLE

RICHWOOD 7.5' QUADRANGLE

TNG #9  
SEE DETAIL SKETCH

PLUM CREEK TIMBERLANDS, LP  
(SURFACE)

TO TNG #15

2900' ± AT 0-3% GRADE

350' ± AT 5-10% GRADE

500' ± AT 0-3% GRADE

1400' ± AT 2-6% GRADE

480' ± AT 15-20% GRADE

550' ± AT 5-10% GRADE

(CULVERTS AND OTHER  
DRAINAGE STRUCTURES  
ALREADY IN PLACE)

200' ± AT 5-10% GRADE

TNG #2R  
SEE DETAIL SKETCH

SCALE: 1-INCH = 500-FEET



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EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED AND MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

ALL CULVERTS SHOWN HEREON ARE EXISTING 15-INCH UNLESS OTHERWISE NOTED.

THERE APPEAR TO BE NO LEASE/SURFACE BOUNDARY LINES IN THE IMMEDIATE VICINITY OF THE ACCESS ROAD OR PROPOSED LOCATION.



**G.A. COVEY ENGINEERING**

SUTTON, WEST VIRGINIA 26801  
PHONE: (304) 364 - 4100  
FAX: (304) 364 - 5100

P.O. BOX 5584  
1286 ROBERT C. BYRD DRIVE  
BECKLEY, WEST VIRGINIA 25801  
PHONE: (304) 256 - 2003  
FAX: (304) 929 - 3494

WWW.COVEYENGINEERING.COM

WW-2A Surface Waiver

SURFACE OWNER WAIVER

County: Nicholas Operator: TRIANA ENERGY, LLC
Operator well number: TRIANA NEW GAULEY #12

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...

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.

List of Water Testing Laboratories. 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

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through \_\_\_ including a work order on Form WW2-B, a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Signature \_\_\_\_\_ Date \_\_\_\_\_ Company: Plum Creek Timberlands, LP
RECEIVED By: Steve Yeager
Office of Oil & Gas Resource Manager
Signature: Steve Yeager Date: 10/7/2009



**WW-2A Coal Walver**

**COAL OPERATOR, OWNER, OR LESSEE WAIVER**

County: Nicholas

Operator: TRIANA ENERGY, LLC

Operator's Well Number TRIANA NEW GAULEY #12

**INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE**

To the coal operator, owner, or lessee named on page WW2-A. You are hereby notified that any objection you wish to make or are required to make by Code 22-6-15, 16 or 17, must be filed with the Chief of the Office of Oil and Gas within fifteen (15) days after the receipt of this application by the Office.

**WAIVER**

The undersigned  coal operator  owner  lessee of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Company: Green Valley Coal Company

By: David Hughart

Its: President

David Hughart 9-18-09  
Signature Date

**RECEIVED**  
Office of Oil & Gas

OCT 09 2009

WV Department of  
Environmental Protection

**WW-2A Coal Waiver**

**COAL OPERATOR, OWNER, OR LESSEE WAIVER**

County: Nicholas

Operator: TRIANA ENERGY, LLC

Operator's Well Number TRIANA NEW GAULEY #12

**INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE**

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FOR EXECUTION BY A NATURAL PERSON

\_\_\_\_\_  
Signature Date

FOR EXECUTION BY A CORPORATION, ETC.

WPP LLC- BY NRP (OPERATING) LLC  
Company: AS ITS SOLE MEMBER  
By: KEVIN F. WALL  
Its: EXECUTIVE VICE PRESIDENT-OPERATIONS

*Kevin F. Wall* 9/25/09  
Signature Date

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Office of Oil & Gas

OCT 09 2009

WV Department of  
Environmental Protection

**WW-2A Coal Waiver**

**COAL OPERATOR, OWNER, OR LESSEE WAIVER**

County: Nicholas

Operator: TRIANA ENERGY, LLC

Operator's Well Number TRIANA NEW GAULEY #12

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FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

\_\_\_\_\_  
Signature Date

Company: White Buck Coal Company  
By: David Hughart  
Its: President

David Hughart 9-18-09  
Signature Date

**RECEIVED**  
Office of Oil & Gas

OCT 09 2009

WV Department of  
Environmental Protection

Craigsville

Operator: TRIANA ENERGY, LLC

API: 6700935

WELL No: TNG-12

Reviewed by: Ja Date: 10-8-09

15 Day End of Comment: W

### CHECKLIST FOR FILING A PERMIT

#### New Well

- WW-2B
- 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
- WW-2B-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
- Worker's Compensation / Unemployment Insurance account is OK
- \$650.00 check (\$550.00 if no pit)