



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

June 26, 2013

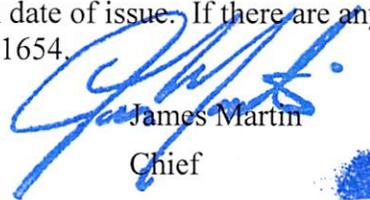
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-6700906, 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.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.



James Martin
Chief

Operator's Well No: NEW GAULEY 1
Farm Name: PARDEE & CURTAIN REALTY
API Well Number: 47-6700906
Permit Type: Plugging
Date Issued: 06/26/2013

Promoting a healthy environment.

1) Date May 20, 2013
2) Operator's Well No. Triana New Gauley #1
3) API Well No. 47-067 - 00906

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil ___ / Gas X / Liquid injection ___ / Waste disposal ___ /
(If "Gas, Production X or Underground storage ___) Deep ___ / Shallow X

5) Location: Elevation 2092' Watershed HUC-8: Gauley; nearest stream: Cherry River
District Kentucky County Nicholas Quadrangle Craigsville

6) Well Operator Triana Energy, LLC 7) Designated Agent Rachelle King
Address 900 Virginia St., East Address 900 Virginia St., East
Charleston, WV 25301 Charleston, WV 25301

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Ed Gainer (Edward.N.Gainer@wv.gov) Name To be determined at a later date.
Address P.O. Box 821 Address _____
Spencer, WV 25276

10) Work Order: The work order for the manner of plugging this well is as follows:
See Attached Documents.

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector  Date 5/28/13

49060029

TNG #1

Plugging Procedure

API# 47-067-00906

4/11/2013

by: Joe Law

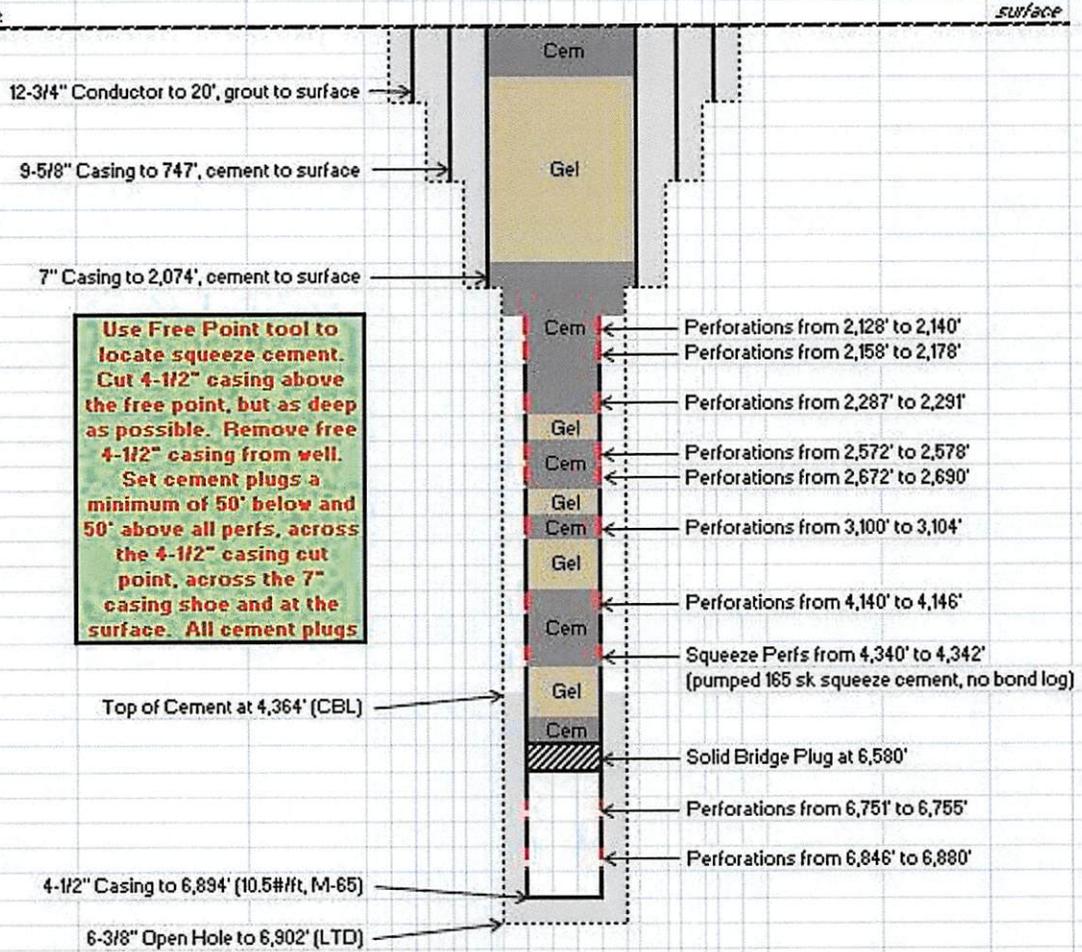
Day #1	MIRU two 500 bbl tanks, fill one with FW. Haul in 6,750' of 2-3/8", 8R, EUE tubing stacked in rows on a float, and one empty float. Inspect well head. Prepare location for service rig and cement trucks.
Day #2	MIRU Service Rig (Double Pole Style). MIRU Wireline Truck w/ Free Point Tool and Casing Cutter. Blow well down and find Free Point of 4-1/2" casing. Cut casing near FP, and pull casing out, laying on empty float. Release WL truck once casing cut is confirmed. Rig up 7" by 2-3/8" stripper head. Begin TIH tubing with a seating collar on the end and a tapered fin style centralizer.
Day #3	Finish TIH with tubing. Schedule cement trucks to be on location at the same time the tubing is on bottom (6,580'). Set cement plugs and gel spacers per proposal, lay down tubing onto float while coming out of the hole. Be set up to reverse circulate if needed.
Day #4	Install monument. RDMO Service Rig. Haul out waste water to disposal. Remove all equipment from site. Begin site reclamation.

Received

MAY 30 2013

TNG #1
Proposed Plugged Well Bore
API# 47-067-00906
4/8/2013
by: Joe Law

Drawing not to scale.



Use Free Point tool to locate squeeze cement. Cut 4-1/2" casing above the free point, but as deep as possible. Remove free 4-1/2" casing from well. Set cement plugs a minimum of 50' below and 50' above all perfs, across the 4-1/2" casing cut point, across the 7" casing shoe and at the surface. All cement plugs

On 9/18/08 a wireline set frac plug was set at 2,702' KB with the intent of separating the "upper" perfs into two frac stages. When the frac crew pumped to breakdown Stage #1, the 4-1/2" by 7" casing annulus circulated almost instantly. The frac job was abandoned and the frac plug was drilled out with a service rig and chased downhole to the top of the solid bridge plug.

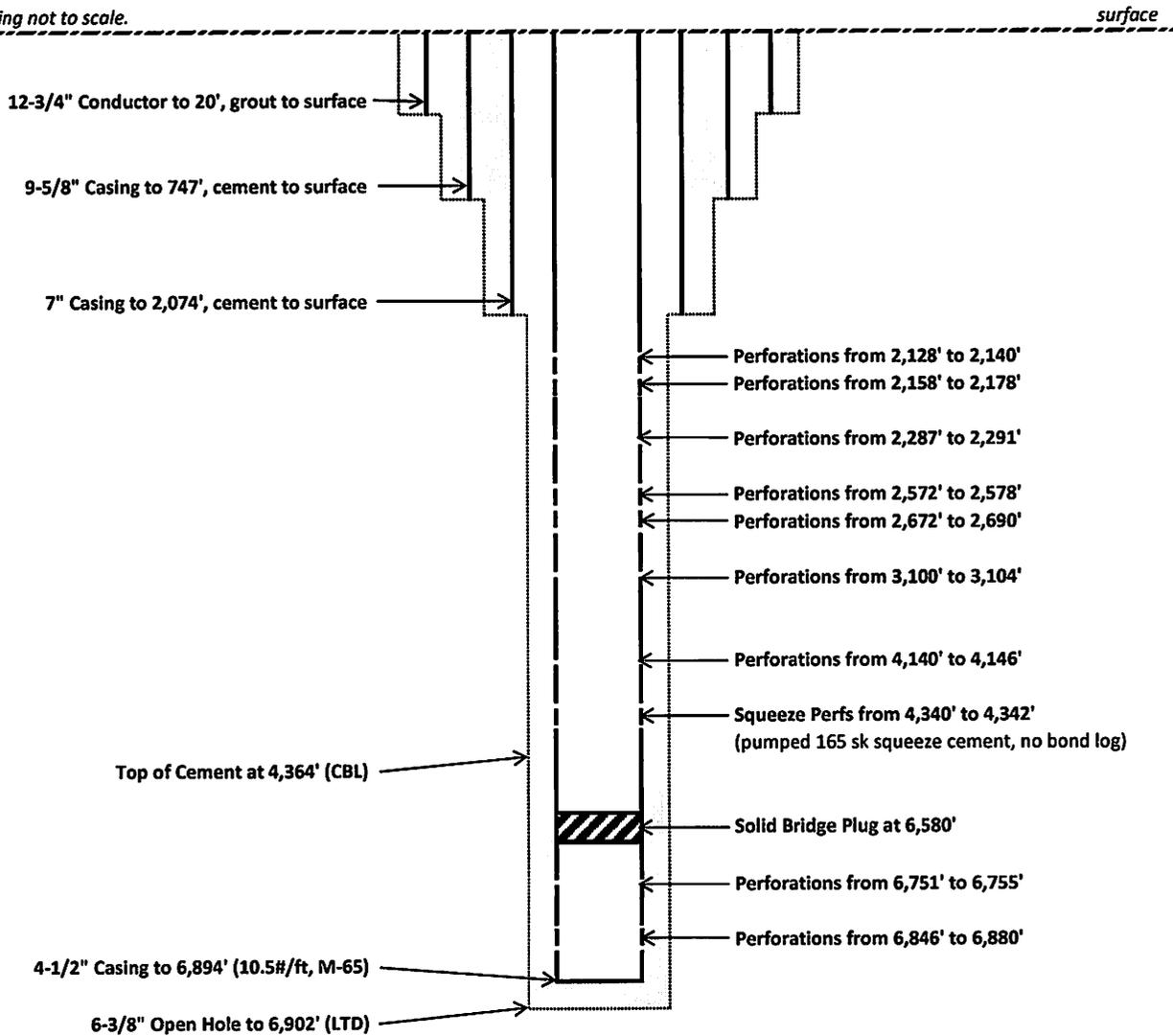
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MAY 30 2013

Office of Oil and Gas
WV Dept. of Environmental Protection

TNG #1
 Current Well Bore Status
 API# 47-067-00906
 4/8/2013
 by: Joe Law

*Drawing not to scale.



On 9/18/08 a wireline set frac plug was set at 2,702' KB with the intent of separating the "upper" perms into two frac stages. When the frac crew pumped to breakdown Stage #1, the 4-1/2" by 7" casing annulus circulated almost instantly. The frac job was abandoned and the frac plug was drilled out with a service rig and chased downhole to the top of the solid bridge plug.

Received

MAY 30 2013

Office of Oil and Gas
 WV Dept. of Environmental Protection

6906002.9

TNG #1
Plugging Materials List
API# 47-067-00906
4/11/2013
by: Joe Law

Materials Needed:

	From (ft)	To (ft)	Length (ft)	Hole Diameter (in)	Hole Capacity (bbl/ lin ft)	Fluid Req. (bbls)
Cement Plug #1	6580	6425	155	4.052	0.0159	2.47
Gel Spacer #1	6425	4405	2020	4.052	0.0159	32.22
Cement Plug #2	4405	4077	328	4.052	0.0159	5.23
Gel Spacer #2	4077	3167	910	4.052	0.0159	14.51
Cement Plug #3	3167	3037	130	4.052	0.0159	2.07
Gel Spacer #3	3037	2753	284	4.052	0.0159	4.53
Cement Plug #4	2753	2509	244	4.052	0.0159	3.89
Gel Spacer #4	2509	2354	155	4.052	0.0159	2.47
Section A Cement Plug #5	2354	2128	226	4.052	0.0159	3.60
Section B Cement Plug #5	2128	2074	54	6.375	0.0395	2.13
Section C Cement Plug #5	2074	2000	74	6.538	0.0415	3.07
Gel Spacer #5	2000	200	1800	6.538	0.0415	74.74
Cement Plug #6	200	0	200	6.538	0.0415	8.30

(bbls)

Cement Total 30.78
+ 10% **33.86**

Gel Total 128.47
+ 10% **141.32**

This "Materials Needed" plan assumes that the 4-1/2" casing will be cut off at 2,128' (top perf). It may be possible to cut and remove the casing deeper than this. All we currently know is that the frac circulated. If the casing is cut deeper, this materials list will need updated.

Office of Oil and Gas
WV Dept. of Environmental Protection

MAY 30 2013

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ALL CEMENT PLUGS MUST
BE A MINIMUM OF 100 FT.
AND CLASS A CEMENT WITH
NO MORE THAN 3% CaCl₂ AND
NO OTHER ADDITIVES.

gwm

WR-35

Rev 5-07



DATE: 3/2/09 67009061
API #: 47-067-00906

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

Well Operator's Report of Well Work

Farm name: Pardee & Curtin Realty, LLC Operator Well No.: Triana New Gauley #1

LOCATION: Elevation: 2,092' GL Quadrangle: Craigsville

District: Kentucky County: Nicholas
Latitude: 4,950' Feet South of 38 Deg. 17 Min. 30 Sec.
Longitude 2,650' Feet West of 80 Deg. 37 Min. 30 Sec.

Company: Triana Energy, LLC

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 900 Virginia Street East - Suite 400 Charleston, WV 25301	12-3/4" Cond	20'	20'	Grout
Agent: Ray Prudnick, Jr.	9-5/8" Surface	747.40'	747.40'	CTS
Inspector: Terry Urban	7" Int	2,074.10'	2,074.10'	CTS
Date Permit Issued: 2/28/2008	4-1/2" Prod	6,898'	6,898'	TOC @ 5,700'
Date Well Work Commenced: 3/25/2008				
Date Well Work Completed: 4/2/2008				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 6,942'				
Fresh Water Depth (ft.): 1,390'				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? Yes				
Coal Depths (ft.): 33,160,575,576				

OPEN FLOW DATA

Producing formation Marcellus, Natural Frac Pay zone depth (ft) 6751-6755, 6846-6880
Gas: Initial open flow N/A "WET" MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow N/A "WET" MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests N/A Hours
Static rock Pressure 1,000 psig (surface pressure) after 22 Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed:
By: Ray Prudnick, Jr. V.P. of Operations
Date: 3-2-09

TNG #1 Geological Record

Sand & Shale	0' – 65'
Coal	65' – 67'
Sandy Shale	67' – 130'
Coal	130' – 132'
Sand & Shale	132' – 890'
Coal	890' – 892'
Shale	892' – 945'
Coal	945' – 947'
Sandy Shale	947' – 1010'
Coal	1010' – 1012'
Sandy Shale	1012' – 1045'
Coal	1045' – 1047'
Sand	1047' – 1066'
Coal	1066' – 1068'
Sand	1068' – 1070'
Ravenclyff	1070' – 1102'
Shale	1102' – 1344'
Lower Maxton	1344' – 1434' Fresh Water @ 1390'
Sandy Shale	1434' – 1511'
Little Lime	1511' – 1558'
Sand	1558' – 1576'
Blue Monday	1576' – 1622'
Pencil Cave	1622' – 1645'
Big Lime	1645' – 1974'
Keener	1974' – 2008'
Shale	2008' – 2016'
Big Injun	2016' – 2056'
Sandy Shale	2056' – 2102'
Weir	2102' – 2203'
Sandy Shale	2203' – 2282'
Weir Stray	2282' – 2293'
Shale	2293' – 2571'
Berea	2571' – 2578'
Shale	2578' – 2672'
Gordon	2672' – 2696'
Sand & Shale	2696' – 4576'
Elk	4576' – 4614'
Shale	4614' – 5990'
Lower Sycamore	5990' – 6102'
Shale	6102' – 6778'
1st Stage Perforated Natural Fracture Zone 6751-6755 (8 Holes)	
Genneseo	6778' – 6819'
Tully	6819' – 6842'
Marcellus	6842' – 6884'
1st Stage Perforated Marcellus Shale 6846-6880 (136 Holes)	
Onondaga	6884' - TD

1st Stage Stimulation =
Perforated and Fractured Marcellus and Natural Fracture Zones with:
Total Job Size = 3,779 bbls of fluid with 110,000 lbs of sand

WW-4A
Revised 6-07

1) Date: May 20, 2013
2) Operator's Well Number
Triana New Gauley #1

3) API Well No.: 47 - 067 - 00906

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Pardee & Curtin Realty, LLC</u>	Name <u>Green Valley Coal Company</u>
Address <u>340 MacCorkle Avenue, SE, Suite #3</u> <u>Charleston, WV 25314-1100</u>	Address <u>Leivasy, West Virginia 26676</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Western Pocahontas Properties</u>
(c) Name _____	Address <u>1035 3rd Avenue, Suite 300</u> <u>Huntington, WV 25701</u>
Address _____	Name _____
6) Inspector <u>Ed Gainer (Edward.N.Gainer@wv.gov)</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 821</u> <u>Spencer, WV 25276</u>	Name <u>Green Valley Coal Co.</u>
Telephone <u>304-389-7582</u>	Address <u>P.O. Box 150</u> <u>Leivasy, WV 26676</u>

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

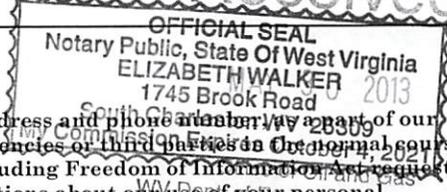
Well Operator Triana Energy, LLC
 By: Rachelle King
 Its: Director of Regulatory Affairs
 Address 900 Virginia Street East
Charleston, WV 25301
 Telephone 304-205-8560

Subscribed and sworn before me this 17th day of May, 2013
My Commission Expires 10-4-21

Elizabeth Walker

Notary Public

Received



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 their officers 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 depprivacyoffier@wv.gov.

STATE OF WEST VIRGINIA
DEPARTMENT 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 494486431

Watershed HUC-8: Gauley; Nearest stream: Cherry River Quadrangle Craigsville

Elevation 2,092' County Nicholas District Kentucky

Description of anticipated Pit Waste: None. Everything contained in tanks.

Will a synthetic liner be used in the pit? N/A

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number Probably 2D0190460)
- 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
- Workover
- Other (Explain _____)
- Swabbing
- Plugging

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department 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 *Rachelle King*

Company Official (Typed Name) Rachelle King

Company Official Title Director of Regulatory Affairs

Subscribed and sworn before me this 17th day of May, 20 13

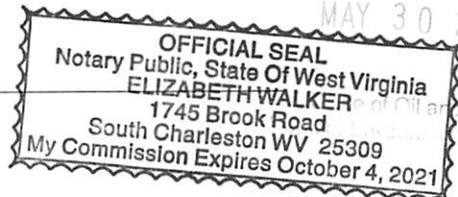
Elizabeth Walker

Notary Public

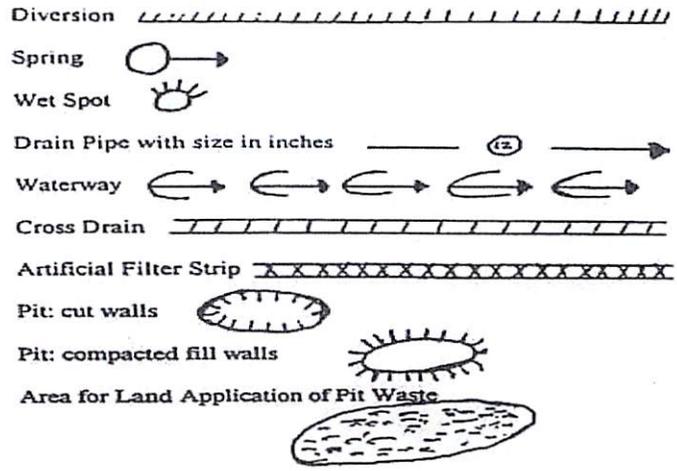
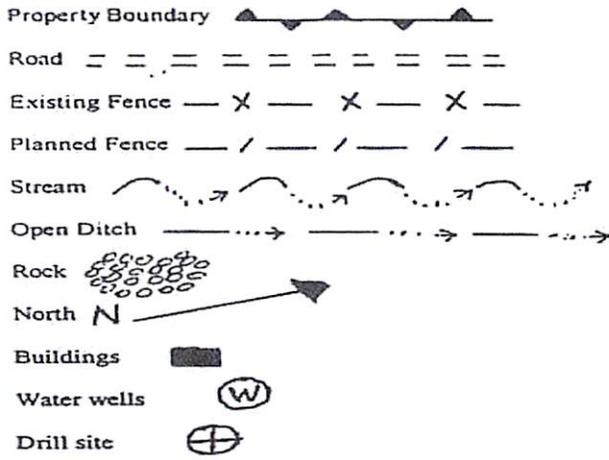
Received

MAY 30 2013

My commission expires 10-4-21



LEGEND



Proposed Revegetation Treatment: Acres Disturbed Less than 1 acre Prevegetation pH 6.5

Lime 2 Tons/acre or to correct to pH 7.0

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

Mulch 100 -- 40 lb. bales = 2 Tons/acre

Seed Mixtures

Seed Type	Area I	lbs/acre	Seed Type	Area II	lbs/acre
Meadow Mix		100	Pasture Mix		100

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

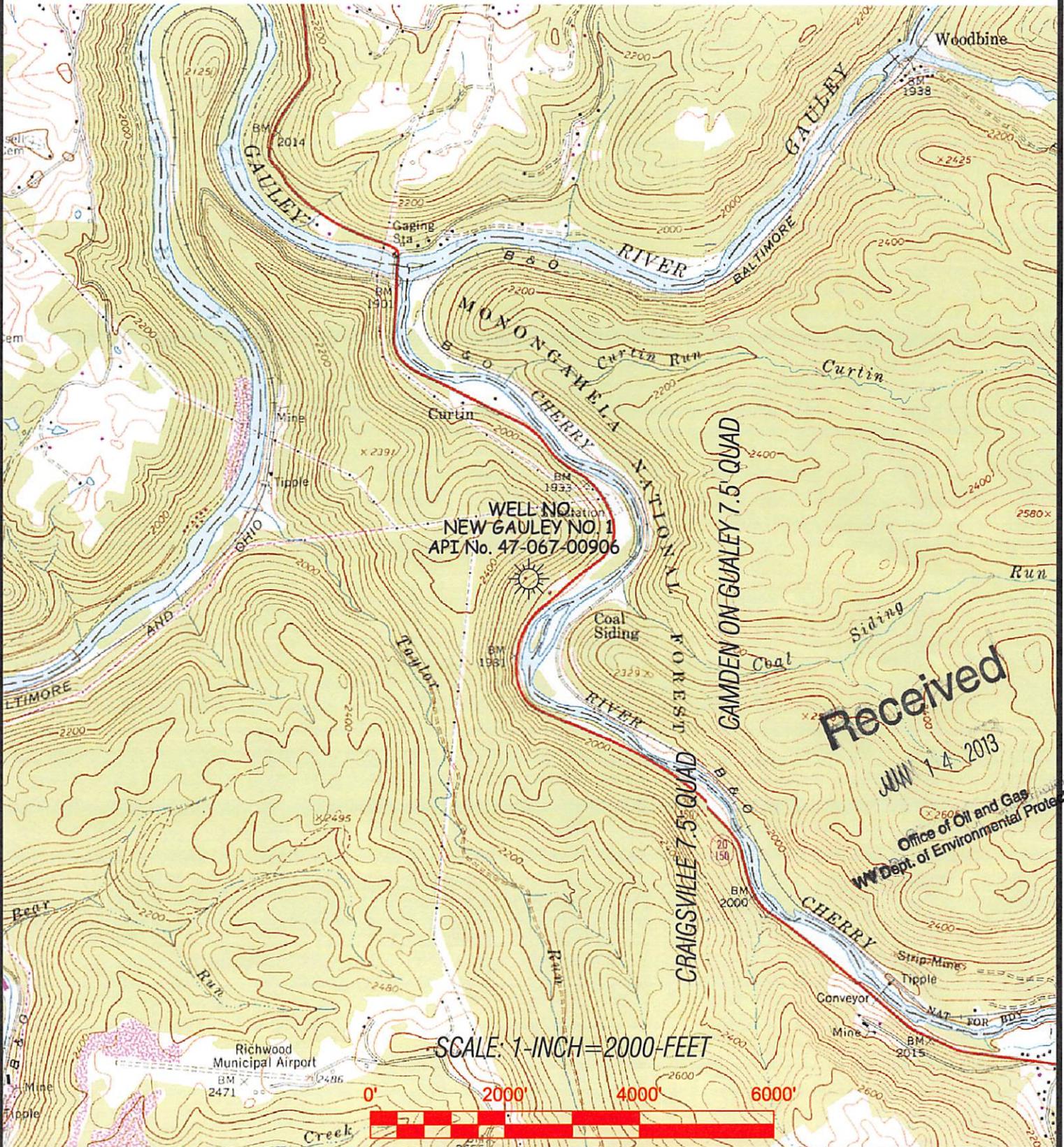
Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: 
Comments: _____

Title: Inspector Date: 5/28/13

Field Reviewed? () Yes (X) No

NEW GAULEY COAL CORP. LEASE NEW GAULEY No. 1



Professional Energy Consultants
A DIVISION OF SMITH LAND SURVEYING

SURVEYORS PROJECT MGRS: **SLS** ENGINEERS ENVIRONMENTAL

220 West Clay St.
P.O. Box 112
Cincinnati, OH 45201
(513) 412-2614

5515 Dillon Bottom Road
Morgantown, OH 43847
(614) 671-9111

Honesty. Integrity. Quality.

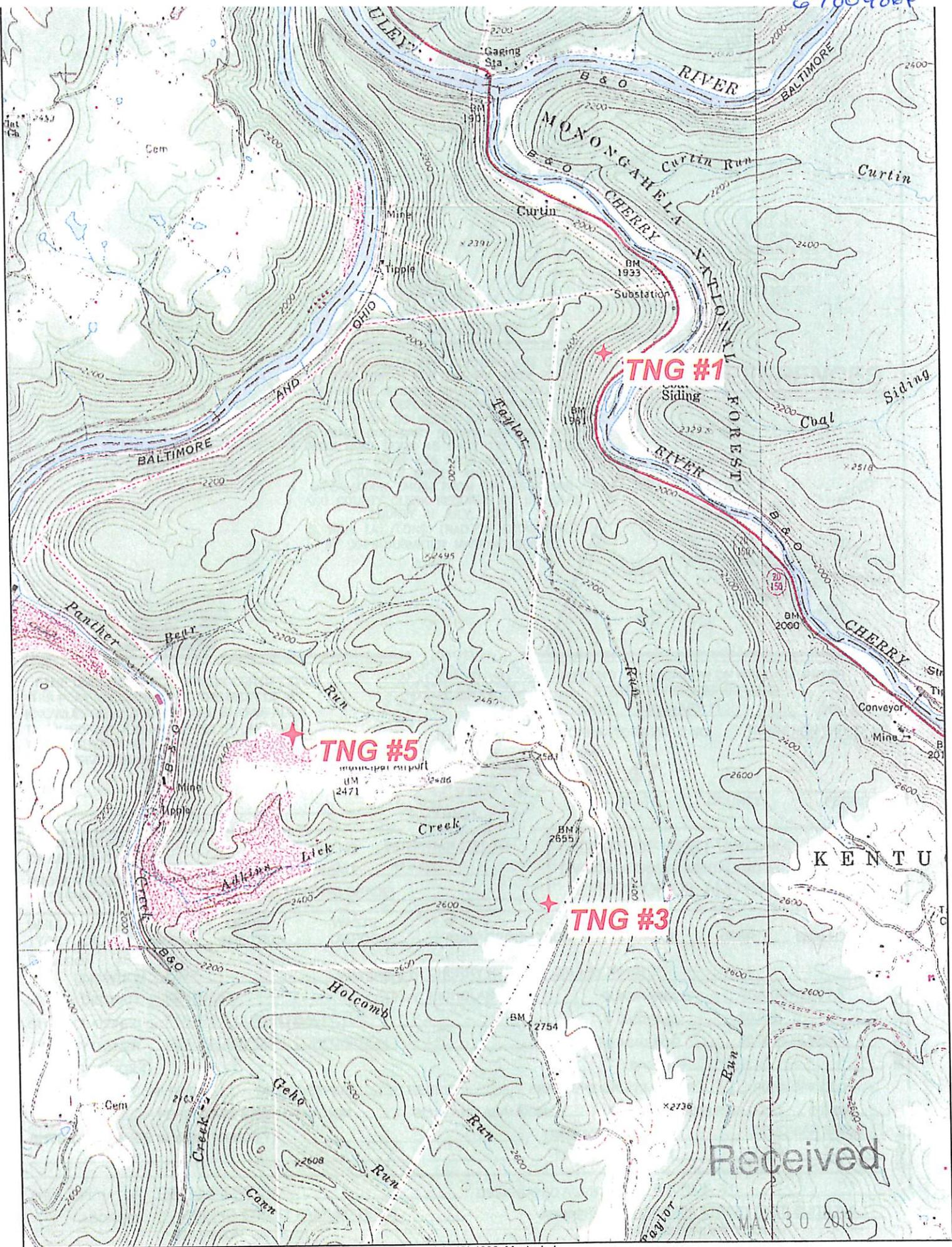
DRAWN BY: T.M.M. **FILE NO.:** 8061 **DATE:** 06-07-13 **CADD FILE:** 8061_TMG01.DWG

**TOPO SECTION OF:
CRAIGSVILLE, WV 7.5' QUAD.**

DISTRICT	COUNTY	TAX MAP-PARCEL NO.
KENTUCKY	NICHOLAS	10-1

OPERATOR:
TRIANA ENERGY, L.L.C.
900 VIRGINIA STREET EAST
SUITE 400
CHARLESTON, WV 25301

6700906P



Received

MAY 30 2013

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-067-00906 WELL NO.: New Gauley No. 1

FARM NAME: Pardee & Curtin Realty

RESPONSIBLE PARTY NAME: Triana Energy, LLC

COUNTY: Nicholas 67 DISTRICT: Kentucky 05

QUADRANGLE: Craigsville 7.5' 312

SURFACE OWNER: Pardee & Curtin Realty, LLC c/o Pardee Minerals, LLC

ROYALTY OWNER: New Gauley Coal Corporation

UTM GPS NORTHING: 4,236,743.6 m

UTM GPS EASTING: 532,010.9 m GPS ELEVATION: 636.4 m

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) - meters.
2. Accuracy to Datum - 3.05 meters
3. Data Collection Method:
Survey grade GPS _____ Post Processed Differential _____
Real-Time Differential _____
Mapping Grade GPS X Post Processed Differential X
Real-Time Differential _____

4. **Letter size copy of the topography map showing the well location.**

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

Gregory A. Smith
Gregory A. Smith, P. S. 677 - Smith Land Surveying, Inc.

June 7, 2013

Date

Received
JUN 14 2013

Office of Oil and Gas
WV Dept. of Environmental Protection

NEW GAULEY COAL CORP. LEASE

90.08 of 29,809 ACRES±

WELL NO. TRIANA NEW GAULEY NO. 1

MONONGAHELA POWER COMPANY
1.92 ACRES±

MONONGAHELA POWER COMPANY
0.627 ACRES±

PARDEE & CURTIN REALTY, LLC.
90.08 ACRES±

47-067-0879-P

PLUM CREEK TIMBERLANDS, LP.
18,821.835 ACRES±

WALTER R. & MELINDA C. HINKLE
2 ACRES±

WELL NO. 1

IRON PIN, FOUND NEAR CONCRETE HEADWALL

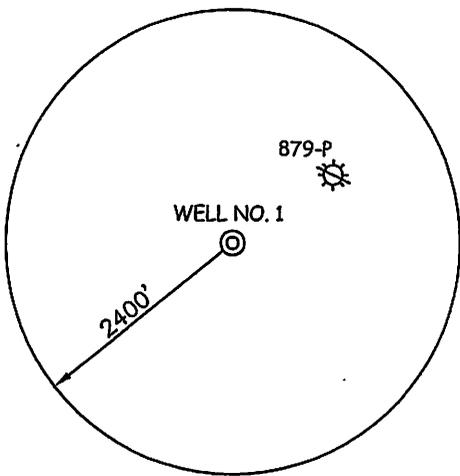
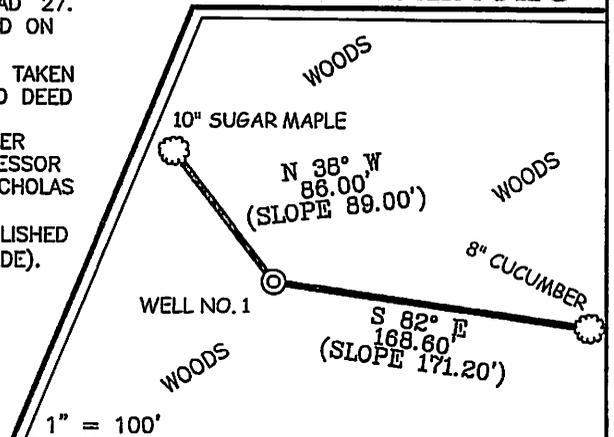
WELL NO. 1 STATE PLANE COORDINATES

(N) 465,575
(E) 2,105,025

NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 12/13/07.
3. TRACT BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 45 PAGE 125 AND DEED BOOK 334 PAGE 492.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF NICHOLAS COUNTY IN JULY, 2007.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

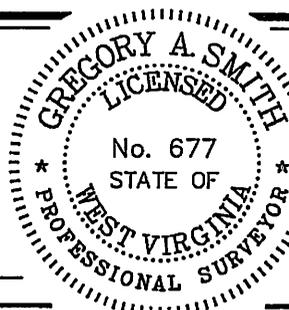
REFERENCES



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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677

Gregory A. Smith



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE JANUARY 11, 20 08

OPERATORS WELL NO. TRIANA NEW GAULEY NO. 1

API WELL NO. 47
STATE _____ COUNTY _____ PERMIT _____

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 6672PN1-01 (251-16)

PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 500'

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



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

LOCATION: ELEVATION 2,092' WATERSHED CHERRY RIVER OF GAULEY RIVER

DISTRICT KENTUCKY COUNTY NICHOLAS QUADRANGLE CRAIGSVILLE 7.5'

SURFACE OWNER PARDEE & CURTIN REALTY, LLC. ACREAGE 90.08±

ROYALTY OWNER NEW GAULEY COAL CORPORATION LEASE ACREAGE 90.08 of 29,809±

PROPOSED WORK: DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE X 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 7,800'

WELL OPERATOR TRIANA ENERGY, LLC.
ADDRESS 500 VIRGINIA STREET EAST, SUITE 700 CHARLESTON, WV 25301

DESIGNATED AGENT RAY PRUDNICK, JR.
ADDRESS 500 VIRGINIA STREET EAST, SUITE 700 CHARLESTON, WV 25301

COUNTY NAME PERMIT

Received
Office of Oil & Gas

JUN 14 2013



June 14, 2013

Jeffrey W. McLaughlin, Technical Analyst
WV – DEP
Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304

Hand Delivery

RE: Plugging Permit Application, TNG # 1 Well, API # 47 – 067 – 00906

Dear Mr. McLaughlin:

Please find enclosed the following documents for the subject well:

- 1) Form WW-7, Well Location Form: GPS
- 2) Copies of Certified Mail return receipt cards

This should complete the required information for the Plugging Permit Application. If you have any questions please contact me.

Thank you.

Sincerely,

Michael I. Stratton, CPG
Senior Regulatory Specialist

Received
JUN 14 2013
Office of Oil and Gas
WV Dept. of Environmental Protection



May 29, 2013

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

RE: **Plugging Permit Applications**
TNG #1 API #47-067-00906
TNG #3 API #47-067-00909

Dear Mr. McLaughlin:

Enclosed are applications to plug the TNG #1 and TNG #3 wells in Taylor County.

Should you have any questions, please contact me via one of the methods listed below.

Thank you.

Sincerely,

A handwritten signature in blue ink that reads 'Michael I. Stratton'.

Michael I. Stratton, CPG
Senior Regulatory Analyst

Received

MAY 30 2013

Office of Oil and Gas
WV Dept. of Environmental Protection