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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

October 16, 2013

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-9703790, issued to CNX GAS COMPANY 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: ALT8AHS  
Farm Name: WOODY, D. J., ET AL  
**API Well Number: 47-9703790**  
**Permit Type: Plugging**  
Date Issued: 10/16/2013

**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. Failure to adhere to the specified permit conditions may result in enforcement action.

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### CONDITIONS

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1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.

1) Date August 16, 2013  
2) Operator's Well No. ALT8AHS  
3) API Well No. 47-097 - 03790

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 \_\_\_ or Underground storage \_\_\_) Deep \_\_\_ / Shallow \_\_\_

5) Location: Elevation 2,459.50' Watershed Panther Creek  
District Washington County Upshur Quadrangle Alton

6) Well Operator CNX Gas Company LLC 7) Designated Agent Jeremy Jones  
Address P.O. Box 1248 Address P.O. Box 1248  
Jane Lew, WV 26378 Jane Lew, WV 26378

8) Oil and Gas Inspector to be notified Name Bill Hatfield  
Address P.O. Box 522  
Buckhannon, WV 26201  
9) Plugging Contractor Name See Attached  
Address \_\_\_\_\_

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

See attached work order

445 SCS OF CLASS A CEMENT SILLS  
23 # 7" 2236'

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WV Department of  
Environmental Protection

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

Work order approved by inspector Bill Hatfield Date 8/28/13

Attachment – Form WW-4B for ALT8AHS Plugging Plan Work Order:

Current Casing Program

TYPE	Size	New or Used	Grade	Weight per ft.	FOOTAGE: For Drilling	INTERVALS: Left in Well	CEMENT: Fill -up (Cu. Ft.)
Conductor	20"	N	L.S.	81.3#	40'	40'	CTS w/ 130sks Class A type cement
Fresh Water	13 3/8	N	J-55	54.5#	657'	657'	CTS w/ 430sks Class A Type Cement
Coal	9 5/8	N	J-55	36#	2044'	2044'	CTS w/ 640sks Class A Type Cement
Intermediate	7"	N	N-80	23#	5528'	5528'	CTS w/ 700sks Class A Type Cement
Production							
Tubing							
Liners							

- 1) Seven inch casing was set and cemented to surface. The Plug and Shoe was never drilled out.
- 2) Pump 100ft cement plug at TD (5528'-5428').
- 3) Pump Gel Spacer from 5428'-200'
- 4) Pump 200ft Cement Plug from 200'-surface.
- 5) Install Proper Monument with API #

ALL SPACERS MUST BE AT LEAST 6% BENTONITE GEL. ELEVATION 2460.74

CONFIRM CEMENT TOP OF PREVIOUS PLUG AT  $\approx$  4517'.  
 2) ~~PUMP 100 FT CEMENT PLUG FROM TOP OF CEMENT (OR INSERT) LEFT IN 7" CASING.~~

- 3) PUMP 6% GEL SPACER FROM PREVIOUS PLUG TO 2560'
- 4) PUMP 200FT. CEMENT PLUG ACROSS ELEVATION FROM 2560'-2360'
- 5) PUMP 6% GEL SPACER FROM 2360' - 757'.
- 6) PUMP 100' CEMENT PLUG FROM 707 - 607'
- 7) PUMP 6% GEL SPACER FROM 607' - 200'.
- 8) PUMP 200' CEMENT PLUG FROM 200' - SURFACE.
- 9) INSTALL PROPER MONUMENT W/ API.

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 WV Department of Environmental Protection

ALL PLUGS MUST BE AT LEAST 100' OF CLASS A CEMENT WITH NO MORE THAN 3% CaCl<sub>2</sub>. JWA

9703790 P

**McLaughlin, Jeffrey W**

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**From:** Casto, Bristin <BristinCasto@consolenergy.com>  
**Sent:** Tuesday, October 15, 2013 3:30 PM  
**To:** McLaughlin, Jeffrey W  
**Cc:** Wright, AMANDA  
**Subject:** Re: API 9703790 Plugging Permit Application (ALT8AHS)

I approve

Thanks

Sent from my iPhone

On Oct 15, 2013, at 11:47 AM, "McLaughlin, Jeffrey W" <[Jeffrey.W.McLaughlin@wv.gov](mailto:Jeffrey.W.McLaughlin@wv.gov)> wrote:

Bristin,

Please take a look at these changes I made to the above-referenced plugging permit application. If they are legible and you accept them, please confirm by email.

PLEASE PROVIDE THE API # AND THE WELL NAME IN THE SUBJECT OF ANY EMAIL INQUIRY YOU MAKE.

Regards,

Jeff McLaughlin, WV DEP  
Office of Oil & Gas  
Phone 304-926-0499 ext. 1614

<Consol9703790P.pdf>

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**Attachment – Form WW-4B for ALT8AHS:**

**Potential Plugging Contractors:**

Yost Drilling  
313 Steel Hill Rd.  
Mount Morris, PA 15349

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Viking Well Service  
8113 Sissonville Drive  
Sissonville, WV 25320

-----

Coastal Drilling  
130 Meadow Ridge Rd, STE 24  
Mount Morris, PA 15349

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State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas  
Well Operator's Report of Well Work

DATE: JUN 26 2012  
API No: 47-097-03790H  
Lease No: 63848, 210294, 210295, 210296

Farm Name: WOODY, D.J., ET AL Operator Well No. ALT8AHS (406835)

LOCATION: Elevation: 2460.74' Quadrangle: Alton 7.5'  
District: Washington County: Upshur  
Latitude: 1,578 Feet South of: 38 Deg. 47 Min. 30 Sec.  
Longitude: 1,616 Feet West of: 80 Deg. 10 Min. 00 Sec.

Company: CNX Gas Company LLC

	Casing and Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P.O. Box 1248 Jane Lew, WV 26378				
Agent: Kent Wright				
Inspector: Bill Hatfield				
Date Permit Issued: 05/20/2011				
Date Well Work Commenced: 09/13/2011	20"	40'	40'	130 sks
Date Well Work Completed: 01/20/2012				
Verbal Plugging:	13 3/8"	657'	657'	430 sks
Date Permission granted on:				
Rotary Cable Rig X	9 5/8"	2044'	2044'	640 sks
Total Vertical Depth (feet): 7405'				
Total Measured Depth (feet):	7"	5528'	5528'	700 sks
Fresh Water Depth (ft.): N/A				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)?: No				
Coal Depths (ft.): N/A				
Void(s) encountered (N/Y) Depth(s)				

**OPEN FLOW DATA** 01/20/2012 - SET CEMENT PLUG WITH 435 SKS @ 5000'. VERTICAL AND HORIZONTAL DRILLING INCOMPLETE. PLAN ON RECONVENING THE VERTICAL AND HORIZONTAL DRILLING IN 2014.

Producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ 12 Hours  
Static Rock Pressure \_\_\_\_\_ psig (surface pressure) after 12 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

**\* COMMINGLED WITH PREVIOUS FORMATIONS**

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the 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.

Bill Hatfield  
Signature

6/26/12  
Date

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Rev. (6/20/2012)

WR-35  
 Rev (5-01)  
 Page 2 of 2

WELL: ALT8AHS (406835)

Were core samples taken? Yes \_\_\_ No X Were cuttings caught during drilling? Yes X No \_\_\_  
 Were \_\_\_ Electrical, \_\_\_ Mechanical, X or Geophysical logs recorded on this well?

NOTE: IN THE AREA BELOW 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 THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

PERFORATED INTERVALS, FRACTURING, OR STIMULATING:

1/20/2012 SET CEMENT PLUG WITH 435 SKS @ 5000'

NO FRACTURE.

VERTICAL AND HORIZONTAL DRILLING INCOMPLETE.

PLAN ON RECONVENING THE VERTICAL AND HORIZONTAL DRILLING IN 2014.

FORMATIONS ENCOUNTERED:

Fill	0	40	Surface Rock	40	110	Sand&Shale	110	155	Sand	155	368
Shale	368	405	Sand/Shale	405	521	Sand/Shale	521	546	Sand/Shale	546	740
Shale	740	810	Sand&Shale	810	1000	RedRock Shale	1000	1055	Sand/Shale	1055	1160
RedRock/Shale	1160	1180	RedRock/Shale/Sand	1180	1350	Sand	1350	1500	RedRock	1500	1570
Sand&Shale	1570	1680	Sand	1680	1810	Sand&Shale	1810	2055	Cement	2055	2085
Sand&Shale	2085	2100	Shale	2100	2235	Sand&Shale	2235	2505	Shale	2505	2530
Shale&RedRock	2530	2595	Shale	2595	2956	Sand&Shale	2956	3236	Shale	3236	3570
Sand&Shale	3570	3620	Shale	3620	4355	Sand&Shale	4355	4470	Shale	4470	4630
Sand&Shale	4630	4850	Shale	4850	4910	Sand Shale	4910				

<u>GAMMA</u>		
<u>RAY /</u>		
<u>FORMATION</u>		
#ALT8AHS (406835)	<u>TOPS</u>	47-087-03790H
	<u>TOP</u>	<u>BASE</u>
FORMATIONS MEASURED IN TVD		
HOLE NOT LOGGED UNTIL KICKOFF POINT		
BURKETT	7120	7180
TULLY	7180	7215
HAMILTON	7215	7300
MARCELLUS	7300	7887
TVD TD	7413	

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9703790P

WW-4A  
Revised 6-07

1) Date: August 16, 2013  
2) Operator's Well Number  
ALT8AHS

3) API Well No.: 47 - 097 - 03790

**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>Don J. Woody, et al</u>	Name <u>None of Declaration</u>
Address <u>24 Vicksburg Road</u>	Address _____
<u>Buckhannon, WV 26201</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>See Attached List</u>
_____	Address _____
_____	_____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Bill Hatfield</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 522</u>	Name _____
<u>Buckhannon, WV 26201</u>	Address _____
Telephone <u>304-767-1828</u>	_____

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

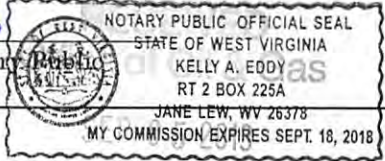
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

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 CNX Gas Company LLC  
 By: Jeremy Jones  
 Its: Designated Agent General Manager WV Gas Operations  
 Address P.O. Box 1248  
Jane Lew, WV 26378  
 Telephone 304-884-2000

Subscribed and sworn before me this 16<sup>th</sup> day of August 2013  
Kelly A. Eddy  
 My Commission Expires September 18, 2018



**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 [deprivacyoffier@wv.gov](mailto:deprivacyoffier@wv.gov).

Attachment – Form WW-4A for ALT8AHS:

**Coal Owners with Declaration:**

W ✓ Gary L. O'dell  
604 Hall Street  
Charleston, WV 25302

W ✓ Marvin Culpepper  
616 Stonewall Drive  
Charleston, WV 25302

✓ Linda Gail McMillen  
504 Kanawha Blvd.  
Charleston, WV 25302

W ✓ Dustin B. O'dell  
329 Hawthorne Drive  
Charleston, WV 25302

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SEP 05 2013

WV Department of  
Environment and Protection

9703790 P

WW-9  
Rev. 5/08

Page \_\_\_\_\_ of \_\_\_\_\_  
API Number 47 - 097 - 03790  
Operator's Well No. ALT8AHS

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 CNX Gas Company LLC OP Code 494458046

Watershed Panther Creek Quadrangle Alton

Elevation 2,459.50' County Upshur District Washington

Description of anticipated Pit Waste: Fluids associated with the plugging of existing gas wells

Will a synthetic liner be used in the pit? Yes 20 mil.

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
- 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 [Signature]

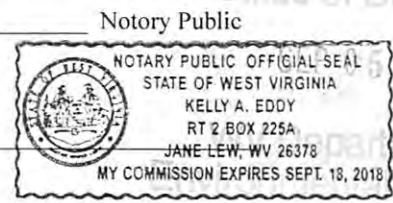
Company Official (Typed Name) Jeremy Jones

Company Official Title Designated Agent General Manager WV Gas Operations

Subscribed and sworn before me this 16<sup>th</sup> day of August, 2013

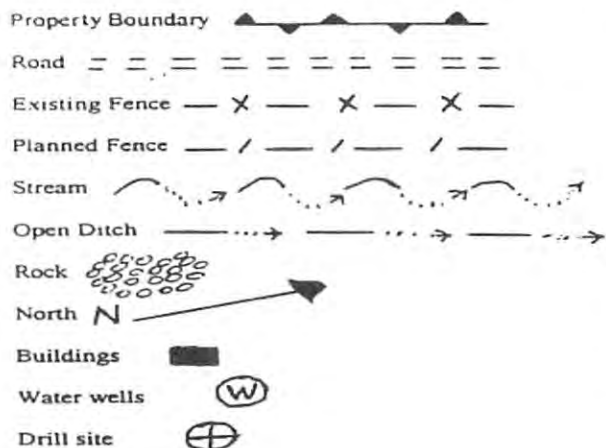
Kelly A. Eddy

My commission expires September 18, 2018

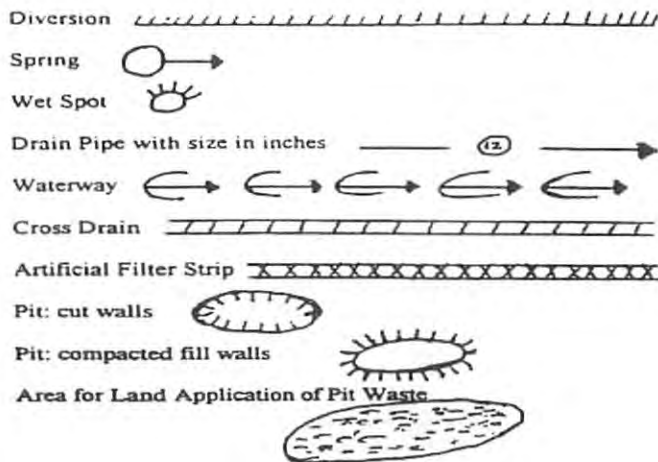


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LEGEND



Proposed Revegetation Treatment: Acres Disturbed 10.08 Prevegetation pH 6.5  
 Lime according to pH test Tons/acre or to correct to pH 7.0  
 Fertilizer (10-20-20 or equivalent) 500 lbs/acre (500 lbs minimum)  
 Mulch Hay or Straw 2 Tons/acre

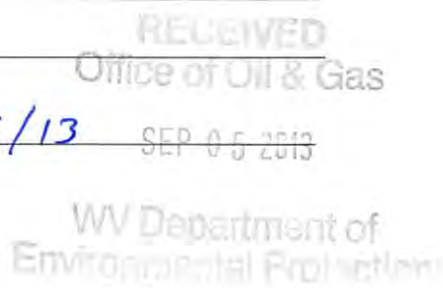
Seed Mixtures

Seed Type	Area I lbs/acre	Seed Type	Area II lbs/acre
Orchard Grass	25	Orchard Grass	25
Birdsfoot Trefoil	15	Birdsfoot Trefoil	15
Ladino Clover	10	Ladino Clover	10

Attach:  
 Drawing(s) of road, location, pit and proposed area for land application.  
 Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Bill Nathfield  
 Comments: \_\_\_\_\_

Title: oil & gas inspector Date: 8/28/13  
 Field Reviewed? (  ) Yes (  ) No



97037909

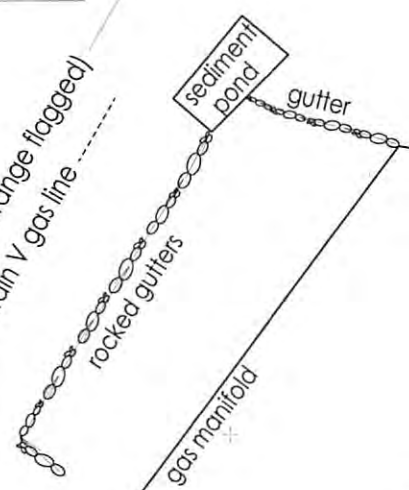
ADDITIONAL PARTIES:  
None

### ALTON #8

SURFACE OWNER:  
D. J. WOODY, ET. AL.  
24 Vicksburg Road  
Buckhannon, WV 26201

Penn Virginia

property line (painted and orange flagged)  
Mountain V gas line

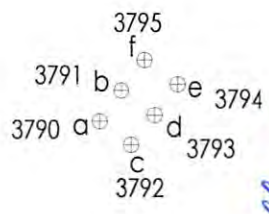


edge of existing pad

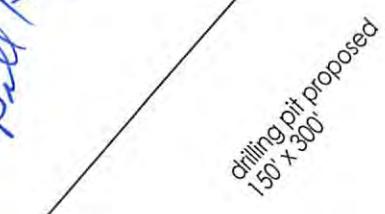


existing  
topsoil  
stockpile  
area

#### ALT8 WELLS



*Bull Nafford*  
*8/28/13*



rocked diversion ditches

4.8 miles to Alton

CR 32/15

gated entry

NORTH

1" = 100'+-

#### NOTE:

Usable timber has been cut and staked.  
Topsoil has been stockpiled for use in revegetation.

#### DRAWINGS TO ACCOMPANY FORM WW-9

CNX Gas Company LLC

P. O. Box 1248

Jane Lew, WV 26378

WATERSHED: Panther Creek

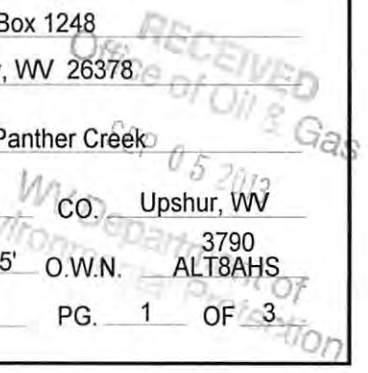
DISTRICT: Washington CO. Upshur, WV

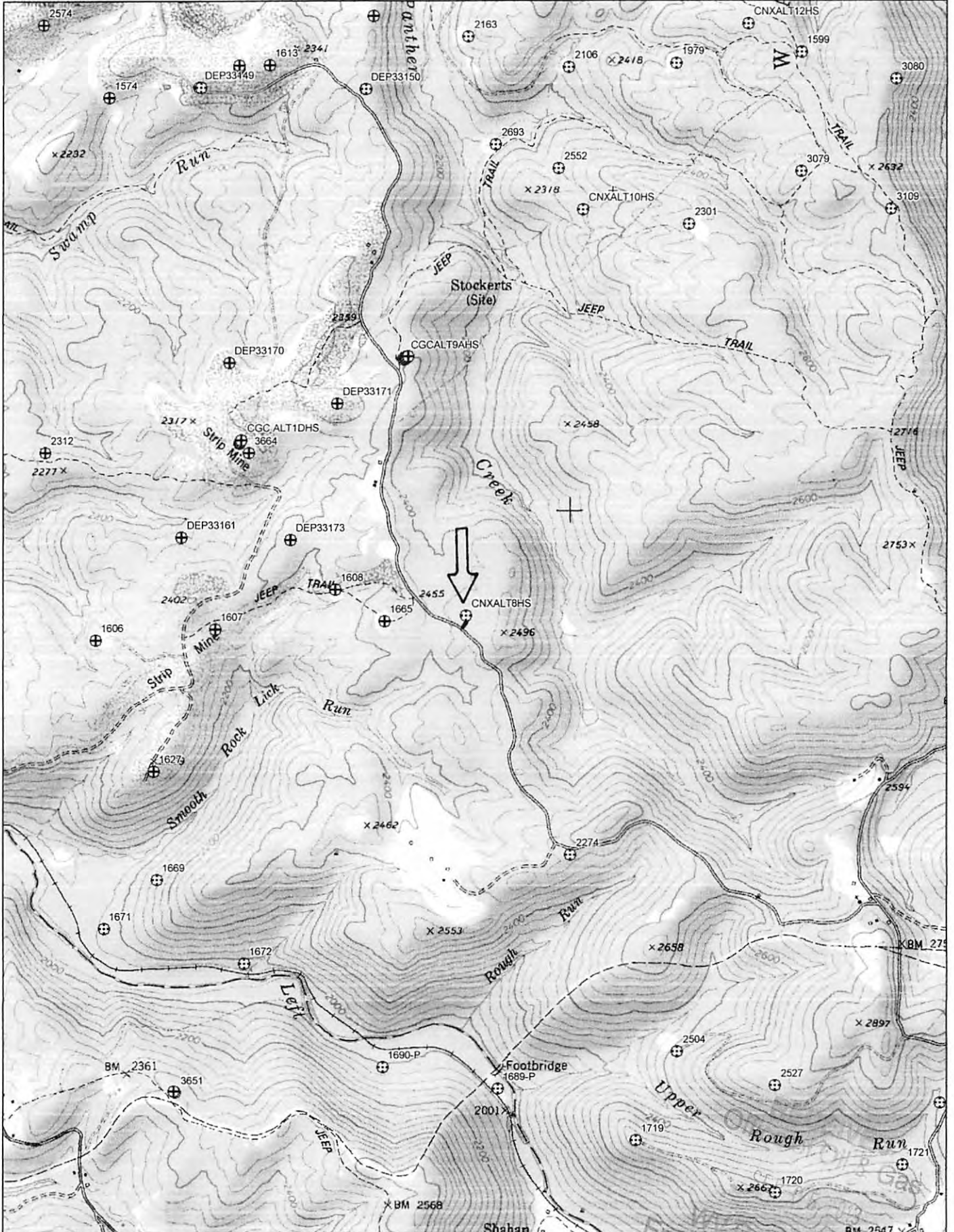
QUADRANGLE: Alton 7.5' O.W.N. 3790 ALT8AHS

DATE: July 30, 2013 PG. 1 OF 3

LAND SURVEYING SERVICES  
21 Cedar Lane  
Bridgeport, WV 26330  
304-842-2018 or 5762

Culverts to be installed as needed.  
E. C. = an Existing Culvert





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© DeLorme. XMap® 7.

www.delorme.com

MN (8.7"W)

Scale 1 : 24,000



1" = 2,000.0 ft Data Zoom 13-0

Environmental Protection



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

API: 47-097-03790 WELL NO.: ALT8AHS  
FARM NAME: W. H. O'DELL, ET. AL.  
RESPONSIBLE PARTY NAME: CNX GAS COMPANY LLC  
COUNTY: UPSHUR DISTRICT: WASHINGTON  
QUADRANGLE: ALTON 7.5 MIN.  
SURFACE OWNER: D. J. WOODY, ET. AL. 24 VICKSBURG RD., BUCKHANNON, WV 26201  
ROYALTY OWNER: W. H. O'DELL, ET. AL.  
UTM GPS NORTHING: 4,293,509.54 METERS  
UTM GPS EASTING: 571,905.25 METERS GPS ELEVATION: 749.66 METERS 2460.74 FT.

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit 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 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 X : Post Processed Differential      Real-Time Differential X  
Mapping Grade GPS      : Post Processed Differential      Real-Time Differential

I the undersigned hereby state this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulation issued and prescribed by the Office of Oil and Gas.

Signature J. Michael Evans Title WV Professional Surveyor #900  
J. MICHAEL EVANS, PS

Date 07/30/13

CNX USE: NAD 27 WV NORTH SPC: ALT8AHS = 105,355.87' 1,808,349.30' ELEV. = 2,459.50'



9703790

**McLaughlin, Jeffrey W**

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**From:** Wright, AMANDA <AmandaWright@consolenergy.com>  
**Sent:** Monday, October 07, 2013 4:44 PM  
**To:** McLaughlin, Jeffrey W  
**Cc:** Smith, Gene C; Jones, Jeremy  
**Subject:** RE: Plugging permit applications for : (API 9703790), (API 9703791) and (API 9703795)

Jeff,

I just verified with our drilling manager, Bristin Casto, and all casings were cemented to surface.

Please let me know if you have any questions.

*Amanda Wright*



Permitting Supervisor  
P.O. Box 1248  
Jane Lew, WV 26378  
304-884-2009 (phone)  
304-844-8890 (mobile)  
304-884-2245 (fax)



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**From:** McLaughlin, Jeffrey W [<mailto:Jeffrey.W.McLaughlin@wv.gov>]  
**Sent:** Monday, October 07, 2013 4:38 PM  
**To:** Wright, AMANDA  
**Cc:** Smith, Gene C; Jones, Jeremy  
**Subject:** Plugging permit applications for : (API 9703790), (API 9703791) and (API 9703795)

Amanda,

I have reviewed the aforementioned plugging permit applications and need some clarification, The WR -35's that were sent in give the number of sacks of cement that were used to cement each casing string, but the attachments to the plugging procedure show that each string was cemented to surface. Could you please clarify this for me? It is important to know if the casing strings from 7" and above were cemented to surface. Please advise as soon as you can.

PLEASE PROVIDE THE API # IN THE SUBJECT OF ANY EMAIL INQUIRY YOU MAKE.

Regards,

Jeff McLaughlin, WV DEP  
Office of Oil & Gas





9703790P  
OK #  
2780016720  
~~56500142~~  
30000

Kelly Eddy  
Permitting Analyst  
P.O. Box 1248  
Jane Lew, WV 26378  
(304) 884-2131



September 4, 2013

West Virginia Department of Environmental Protection  
Office of Oil & Gas  
Attn: Laura Cooper  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304-2345

**RE: Wells ALT8AHS, ALT8BHS, & ALT8FHS for Plugging Permits**

Dear Laura,

Enclosed, please find three plugging permits. The following wells and corresponding API#'s are as follows:

- ALT8AHS – 47-097-03790
- ALT8BHS – 47-097-03791
- ALT8FHS – 47-097-03795

Should you need any further information, please contact me at (304) 884-2131 or by email at [kellyeddy@consolenergy.com](mailto:kellyeddy@consolenergy.com). Thank you!

Sincerely,

*Kelly Eddy*

Kelly Eddy

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7-29-09

API # 47-097-03790

Operator CNX Gas Company LLC

Well #/Name A148AHS

Reviewed By \_\_\_\_\_

End of Comment Period \_\_\_\_\_

III. Plugging Permit

- WW-4B
- WW-4B signed off by inspector
- WW-4A
- Surface Owner Waiver
- Coal Owner/Operator/Lessee Waiver
- WW-9 front
- Mylar Plat - WW-7
- Well Records/Completion report
- Topography Map of well & pit if pit is used
- Certified Mail Receipts or affidavit of personal service
- Bond
- A check for \$100.00 (if a pit is being used)

IV. Coalbed Methane

- \_\_\_\_\_ WW-5B
- \_\_\_\_\_ WW-5(B)
- \_\_\_\_\_ WW-5(B) signed off by inspector
- \_\_\_\_\_ WW-5A
- \_\_\_\_\_ Coal Owner/Operator/Lessee Notification/Waiver
- \_\_\_\_\_ Surface Owner Waiver
- \_\_\_\_\_ Natural Gas Lessee/Operator Waiver
- \_\_\_\_\_ Consent To Stimulate. Notified all owners and operators of seams of coal 28 inches or more within 750 feet of proposed well bore and stimulation is requested or a seam that is within 100 vertical feet of proposed stimulation zone.
- \_\_\_\_\_ WW-9 (page 1 and 2)
- \_\_\_\_\_ Reclamation Plan
- \_\_\_\_\_ Inspector Signature on WW-9
- \_\_\_\_\_ Public Notification (newspaper notification)
- \_\_\_\_\_ Mylar Plat
  - \_\_\_\_\_ Not within 100 ft. of the outside boundary of the tract
  - \_\_\_\_\_ No permitted CBM wells within 1600 ft. without a waiver from all coal owners and operators.
- \_\_\_\_\_ Topography Map
- \_\_\_\_\_ Database for Coal Depths, Permits, Boundaries
- \_\_\_\_\_ WW-2B (1)
- \_\_\_\_\_ WW-2A(1)
- \_\_\_\_\_ Certified Mail Receipts or Affidavit of Personal Service
- \_\_\_\_\_ Bond
- \_\_\_\_\_ A check \$900.00 (if no pit \$800.00)
- \_\_\_\_\_ Workers Comp/Employ. OK

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Kelly Eddy  
Permitting Analyst  
P.O. Box 1248  
Jane Lew, WV 26378  
(304) 884-2131



August 19, 2013

Don J. Woody, et al  
24 Vicksburg Road  
Buckhannon, WV 26201

**Re: Well # ALT8AHS; API # 47-097-03790  
Washington District, Upshur County**

To Whom It May Concern:

CNX Gas Company LLC is in the process of applying for a permit to **Plug a well** on the above noted lease of which you are the Surface/Coal Owner.

Enclosed are copies of the Notice and Application, Permit, and the Location Plat.

Please note the instructions on the Surface/Coal Owner Waiver form. If you have no objection to the **Plugging** being done, please follow instructions as they are given, sign and date the waiver and return it to us in the self addressed envelope.

Sincerely,

Kelly Eddy

Enclosures

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LAND SURVEYING SERVICES

Stephen D. Losh, PS & J. Michael Evans, PS  
21 Cedar Lane, Bridgeport, WV 26330  
Phone: 304-842-2018 or 304-842-5762  
Fax: 304-842-2018 or 304-842-5762  
Email: sdlosh@frontier.com or jmevans@dishmail.net

September 18, 2012

CNX Gas Company LLC  
P. O. Box 1248  
Jane Lew, WV 26378

DRIVING DIRECTIONS

PROJECT: ALT8HS  
DISTRICT: Washington  
COUNTY: Upshur  
STATE: West Virginia

TRAVELING SOUTH ON SR 20 BETWEEN BUCKHANNON AND FRENCH CREEK GO JUST BEYOND  
ADRIAN AND TURN LEFT ONTO CR 20/10.  
FOLLOW 4.15 MILES TO EVERGREEN AND VEER LEFT ONTO CR 32. (CR 32 ALSO GOES RIGHT  
BUT IS CALLED THE EVERGREEN ROAD.)  
GO 1.80 MILES AND BEAR RIGHT, STAYING ON ROUTE 32.  
GO 1.85 MILES AND TURN DOWN TO LEFT, STAYING ON CR 32.  
GO 1.95 MILES PASSING THROUGH ALTON AND OVER THE BUCKHANNON RIVER.  
AT THE JUNCTION OF CR 32 AND CR 32/15, STAY STRAIGHT ON CR 32/15.  
FOLLOW THE SAME FOR 2.90 MILES TO THE WELL ENTRY ON LEFT, WITH ALTON 8 IN SIGHT.

THE NEAREST FIRE COMPANY IS AT SELBYVILLE.

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**OIL AND GAS ROAD  
DISTRICT WIDE BONDING AGREEMENT  
For DOH District 7**

THIS AGREEMENT, executed in duplicate, made and entered into this 20<sup>th</sup> day of March, 2012, by and between the WEST VIRGINIA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, hereinafter called "DEPARTMENT," and CNX Gas Company, LLC, hereinafter called "COMPANY."

**WITNESSETH:**

WHEREAS, Company has horizontal gas well drilling operations in certain areas of West Virginia; and

WHEREAS, the Department believes that the frequent and repetitive use of certain sections of highways in the State by Company, its contractors, agents, independent contractors or suppliers of drilling materials or drilling equipment, and employees contributes to increased wear and tear to public roads in the state road system in the State, including local roads ("State Owned Roads"); and,

WHEREAS, the Department and Company have entered into this Agreement to satisfy the requirements of the Department's policy entitled "Oil & Gas Road Policy" dated January 3, 2012, as issued by Paul A. Mattox, Jr., Secretary of Transportation / Commissioner of Highways, and any subsequent related policies, hereinafter called "Policy", a copy of which is made a part of this Bonding Agreement and is identified as Attachment 1.

NOW, THEREFORE, for and in consideration of the mutual agreements hereinafter set forth, the parties agree as follows:

I. For purposes of this Bonding Agreement, "Project Transportation Usage" of the Company shall be understood to mean use of one or more State Owned Roads for the delivery and removal of drilling materials and drilling equipment at the site or location of one or more of Company's horizontal gas well pad locations. To the extent reasonably practical, prior to commencing use of a State Owned Road for Project Transportation Usage after January 1, 2011, the Company shall submit to the Department a section or sections of current official WVDOH County Highway maps identifying the exact location of the proposed project and the State Owned Roads that the Company will utilize for the Project Transportation Usage.

II. Company and Department shall within 14 days of the Company's submittal, agree to a list of these sections of State Owned Roads, hereinafter called "Project Roads List", to be utilized for each of Company's projects, identified by route number and milepost; at a time to be mutually agreed to by the parties prior to initial commencement of Project Transportation Usage of a particular State Owned Road on a Project Roads List, the Company and Department will jointly review the condition of the roads and bridges on the Project Roads List. The Department will document the road type and surface condition and general right-of-way width of each section of road on the Project Road List. Either party may supplement this documentation with photographs, video or other evidence of the present condition of the road surface, shoulders, ditches, culverts, bridges or other structures or appurtenances of roads on the Project Road List, as well as approaches to the roads, utility facilities located within or along the right-of-way, or any other condition, including third-party activities, that may affect the duties and responsibilities of the parties under this Agreement. A copy of any such documentation must be made and provided to the other party within ten business days after the joint review of the roads on the Project Roads List.

III. Department shall issue a Project Agreement or Project Permit, as appropriate, to Company to use State Owned Roads and may include any minor or major improvements required of Company prior to, during or after Project with the assignment of responsibilities of

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both parties prior to, during and after the operator has completed well fracturing..

IV. In the Project Agreement/Project Permit, the Department shall not require the use of State Owned Roads other than the roads proposed by Company unless the Department has safety concerns as to the Company's proposed roads. A failure to agree on roads that may otherwise be lawfully used for a particular Project Transportation Usage shall result in the designation of the State Owned Roads proposed by Company, with milepost determinations as designated by Department. This Agreement shall only cover portions of State Owned Roads designated on the Project Roads List.

V. For the duration of Company's Project Transportation Usage of the Stated Owned Roads on the Project Roads List, whether by the Company, its contractors (while working on behalf of Company), agents, independent contractors or suppliers of drilling materials or drilling equipment, or employees, the Company agrees to pay for all reasonable maintenance and repair costs incurred by the Department to repair areas of the State Owned Roads included in the Project Roads List that were directly damaged by Company's Project Transportation Usage, as determined to be reasonably necessary and appropriate by the Department. The Department shall keep a record of all labor performed by Department employees and contractors for such maintenance and repairs and shall send an invoice for the same to Company.

VI. Company shall be responsible for the cost of all maintenance and repairs reasonably necessary to put the existing roadways, bridges and appurtenances on the Project Roads List utilized for the Project Transportation Usage in the condition that existed immediately prior to the Project Transportation Usage. Company shall not be required to pay for maintenance or repairs to put any areas of such roadways, bridges and appurtenances on the Project Roads List in a condition better than the condition that existed immediately prior to the Project Transportation Usage. Company shall also not be required to pay for maintenance or repairs to any areas of these roadways, bridges or appurtenances on the Project Roads List that are not actually utilized for the Project Transportation Usage or for damage not caused by Project Transportation Usage.

VII. Company shall notify the Department in writing of Company's final completion of Project Transportation Usage for particular roadways, bridges and appurtenances on the Project Roads List. Within fourteen days after its receipt of written notification of the completion of the Project Transportation Usage for all roads on a Project Roads List, the Department will review the condition of the roadways, bridges and appurtenances on the Project Roads List actually utilized for the Project Transportation Usage and advise Company of any final repairs reasonably necessary to leave these roads, bridges and appurtenances in a condition reasonably deemed by Department to be equal to their condition prior to commencement of Project Transportation Usage; and, upon completion of all such final repairs by or on behalf of Company and acceptance by Department, the Company shall be released from all further liability for maintenance or repairs to roads, bridges, or appurtenances on said Project Roads List. Any maintenance or repair work under the Project Agreement/Project Permit for roads, bridges or appurtenances on the Project Roads List may be performed by a contractor directly chosen by the Company as approved by the Department, the Department's workforce, or a private contractor hired by the Department through the public bid process in accordance with state law, all of which work shall be subject to the standards and specifications of the Department.

VIII. In order to ensure performance of Company's performance and payment obligations under this Bonding Agreement, the Company shall post a corporate surety bond, hereinafter called "Master Bond", with the Department named as the beneficiary, which form of bond shall be subject to the consent of the Department, not to be unreasonably withheld. The amount and form of the bond shall be in accordance with the Policy as set forth above. However, the amount of the Master Bond does not limit the amount of claims that may be made by the Department against the Company under this Bonding Agreement. The Company shall provide the Master Bond to the Department within one (1) month after the execution of this Bonding Agreement. The Master Bond shall secure the good faith performance of all payment obligations of Company under the terms of this Bonding Agreement respecting the roads, bridges and appurtenances on the Project Roads List for each Project Transportation Usage undertaken by the Company, and shall remain in effect until termination of this Agreement. Company shall not be obligated to provide any other bonds, sureties, or other guarantees of performance to the Department for Company's use of State Owned Roads, except as required in this Agreement.

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IX. Company shall maintain Commercial General Liability Insurance in the amount of two million dollars, with a minimum coverage of one million dollars per occurrence, for personal injury or death to persons, or for property damage, resulting from Company's Project Transportation Usage and shall present evidence of such insurance to Department upon request.

X. Company's usage of State Owned Roads under the Project Agreement/Project Permit shall comply with all applicable Federal, State and local laws and regulations including, but not limited to, to the extent applicable, the National Environmental Policy Act, Section 404 of the Clean Water Act, Section 106 of the National Historic Preservation Act, Rare, Threatened and Endangered Species Act, Section 401 Water Quality Certification, and hazardous waste requirements. Further, upon reasonable written request of Department, Company shall furnish Department with acceptable documentation of such compliance which is in the possession of the Company.

XI. Company shall defend, indemnify and hold Department harmless from and against any and all losses, damage, and liability, and from all claims for damages on account of or by reason of bodily injury, including death, which may be sustained, or claimed to be sustained, by any person or persons, including employees of Department, and from and against any and all claims, losses or liabilities for damages to property, arising out of the negligent or willful acts or omissions of Company, its agents, independent contractors and suppliers of drilling materials or drilling equipment, employees and contractors, in the performance of all Project Transportation Usage activities undertaken pursuant to this Agreement (collectively, "claims"). The Company shall not be responsible to indemnify, defend or hold harmless Department for any claims caused by the negligent or willful acts or omissions of the Department or its agents, employees and contractors or third parties not performing work at the direction of Company or delivering drilling equipment or drilling materials, including water, for use by or for company.

XII. If a provision of this Agreement is or becomes illegal, invalid or unenforceable in any jurisdiction, that shall not affect the validity or enforceability of any other provision of this Agreement; or the validity or enforceability in other jurisdictions of that or any other provision of this Agreement.

XIII. Department shall give Company a minimum of thirty days written notice of default under the terms of this Bonding Agreement and the opportunity to cure this default during such thirty-day period. If a default is not cured to the satisfaction of Department, or provision acceptable to Department is not made for a cure, Department may then elect to terminate this Bonding Agreement in whole or in part, and may in addition exercise its rights under the Master Bond or seek any other lawful relief available. Company may terminate this Bonding Agreement upon thirty days written notice to Department for any reason. In the event Company terminates this Agreement for any reason, it shall be liable for the repair and maintenance costs set forth above for prior Project Transportation Usage.

XIV. Nothing herein shall be construed to mean that Company shall have any jurisdiction or control over any public roads in the state road system.

XV. Company, its contractors, agents, employees and suppliers shall at all times be subject to applicable provisions of state and federal law, including without limitation laws requiring operation of vehicles in accordance with legal size and weight restrictions and posted weight limits. Oversize/overweight permits for vehicle or loads not otherwise conforming with law must be obtained in accordance with law; Department agrees to work in good faith with Company to review and grant (where authorized by law) such permits in a timely manner upon request by Company.

XVI. This Bonding Agreement shall be construed and enforced in accordance with the laws of the State of West Virginia, as they may be amended.

XVII. This Bonding Agreement shall be binding upon the successors and assigns of each party hereto.

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IN WITNESS WHEREOF, the parties hereto have caused this Bonding Agreement to be executed by their duly authorized officers effective as of the date first above written.

WEST VIRGINIA DEPARTMENT OF  
TRANSPORTATION,  
DIVISION OF HIGHWAYS

Frances R. Leshor  
Witness

By: [Signature]  
State Highway Engineer

[Signature]  
Witness

By: [Signature]  
Title: Vice President - WV Operations

(To be executed in duplicate)

APPROVED AS TO FORM THIS  
9<sup>th</sup> DAY OF March 2012

[Signature]  
ATTORNEY LEGAL DIVISION  
WEST VIRGINIA DEPARTMENT  
OF HIGHWAYS

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OF-8  
Rev. 1/10

BOND NUMBER CMS0260746

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
BLANKET BOND FOR OIL OR GAS WELLS,  
LIQUID INJECTION WELLS OR WASTE DISPOSAL WELLS

KNOW ALL MEN BY THESE PRESENTS:

- (1) That we, CNX Gas Company LLC
- (2) CNX Center, 1000 CONSOL Energy Drive, Canonsburg, PA 15317-6506
- As Principal, and (3) RLI Insurance Company
- (4) P.O. Box 3967, Peoria, IL 61612

a firm and/or a corporation authorized to do business in the State of West Virginia, as Surety, are held and firmly bound unto the State of West Virginia in the just and full sum of (5) two hundred and forty thousand dollars (\$250,000) to the payment whereof well and truly to make, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the above bound Principal in pursuance of the provisions of Chapter 22, Article 6 and/or 6A, of the Code of West Virginia, 1931, as amended, and the regulations promulgated thereunder, has made or intends to make application to the Chief of the Office of Oil and Gas, Department of Environmental Protection, the State of West Virginia for a permit to perform well work (as defined in Chapter 22, Article 6 and/or 6A), on oil or gas wells and/or liquid injection wells and/or waste disposal wells, or has acquired or purchased, or shall hereafter acquire or purchase such wells, or has been or shall be assigned operating responsibility, for such wells located in West Virginia; and

WHEREAS, THE Colleague as a condition precedent to the issuance of such Permit or release of other obligation has required the Principal to furnish a SURETY BOND acceptable to the Colleague guaranteeing the performance of said provisions of Chapter 22, Article 6 or 6A, of the Code of West Virginia, 1931, as amended, and the regulations promulgated thereunder;

NOW THEREFORE, the condition of this obligation is such that if the Principal, its personal representatives, successors, heirs and assigns shall in performing well work (as defined in Chapter 22, Article 6 and/or 6A) or operating such wells shall furnish all reports, information and affidavits as may be required by the Department of Environmental Protection, Office of Oil and Gas, documenting that said wells have been plugged and abandoned in accordance with Chapter 22, Article 6, of the Code of West Virginia, 1931, as amended, and the regulations promulgated thereunder, then this obligation to be void; otherwise to remain in full force and effect.

This bond shall be effective from the (11) 02nd day of May, 2012, until released by the Department of Environmental Protection.

IN WITNESS WHEREOF the said Principal has hereunder set his or its hand and affixed his or its seal, and the said surety has caused its corporate name to be signed hereto and its corporate seal to be hereunto affixed by its duly authorized officer or agent this instrument this (12) 02nd day of May, 2012.

(15) Principal Corporate Seal (13) CNX Gas Company LLC (Seal)  
(Principal)

(14) By: Nicholas J. DeIuliis  
(Title) Nicholas J. DeIuliis, Manager  
(Must be President or V. President)

(18) Surety Corporate Seal (16) RLI Insurance Company (Seal)  
(Surety)

(17) P. Sandra L. Horn  
Sandra L. Horn, Attorney-In-Fact

(19) Countersigned: N/A  
(Resident West Virginia Agent)

(20) Address: \_\_\_\_\_

(21) Telephone: \_\_\_\_\_

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West Virginia Department of Environmental Protection

(PLEASE)

ACKNOWLEDGMENTS

Acknowledgment by Principal If Individual or Partnership

- 1. STATE OF \_\_\_\_\_
- 2. County of \_\_\_\_\_ to-wit:
- 3. I, \_\_\_\_\_, a Notary Public in and for the
- 4. county and state aforesaid, do hereby certify that \_\_\_\_\_ whose name is signed to the foregoing writing, has this day acknowledged the same before me in my said county.
- 5. Given under my hand this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.
- 6. Notary Seal \_\_\_\_\_  
(Notary Public)
- 7. \_\_\_\_\_
- 8. My commission expires on the \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

Acknowledgment by Principal If Corporation or Limited Liability Company

- 9. STATE OF Pennsylvania
- 10. County of Washington to-wit:
- 11. I, Kathryn A. Galie, a Notary Public in and for the
- 12. county and state aforesaid, do hereby certify that Nicholas J. DeIuliis
- 13. who as, Manager signed the foregoing writing for
- 14. CNX Gas Company, LLC a corporation/LLC, has this day, in my said county, before me, acknowledged the said writing to be the act and deed of the said corp/LLC.
- 15. Given under my hand this 3rd day of May 2012.
- 16. Notary Seal Kathryn A. Galie, Notary Public  
(Notary Public for Twp., Allegheny County  
My Commission Expires Oct. 1, 2015)
- 17. [Signature]
- 18. My commission expires on the October day of \_\_\_\_\_ 2015.

Acknowledgment by Surety

- 19. STATE OF Missouri
- 20. County of St. Louis City to-wit:
- 21. I, JoAnn R. Frank, a Notary Public in and for the
- 22. county and state aforesaid, do hereby certify that Sandra L. Ham
- 23. who as, Attorney-In-Fact signed the foregoing writing for
- 24. RLI Insurance Company a corporation has this day, in my said county, before me, acknowledged the said writing to be the act and deed of the said corporation.
- 25. Given under my hand this 02nd day of May 2012.
- 26. Notary Seal JoAnn R. Frank  
State of Missouri  
Commission Expires June 20, 2014
- 27. [Signature]
- 28. My commission expires on the 20th day of June 2014.

Sufficiency in Form and Manner of Execution Approved

This \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

Attorney General

By \_\_\_\_\_ (Assistant Attorney General)

Office of the Attorney General  
 SEP 05 2013  
 Department of Environmental Protection



RLI Surety  
P.O. Box 3967 | Peoria, IL 61612-3967  
Phone: (800)645-2402 | Fax: (309)689-2036  
www.rlicorp.com

# POWER OF ATTORNEY

## RLI Insurance Company

**Know All Men by These Presents:**

That this Power of Attorney is not valid or in effect unless attached to the bond which it authorizes executed, but may be detached by the approving officer if desired.

That **RLI Insurance Company**, an Illinois corporation, does hereby make, constitute and appoint:

Pamela A. Beelman, Cynthia L. Choren, Heidi A. Notheisen, Debra C. Schneider, JoAnn R. Frank, Karen L. Roider, Sandra L. Ham,  
jointly or severally.

in the City of Saint Louis, State of Missouri its true and lawful Agent and Attorney in Fact, with full power and authority hereby conferred, to sign, execute, acknowledge and deliver for and on its behalf as Surety, the following described bond.

Any and all bonds provided the bond penalty does not exceed **Twenty Five Million Dollars (\$25,000,000.00)**.

The acknowledgment and execution of such bond by the said Attorney in Fact shall be as binding upon this Company as if such bond had been executed and acknowledged by the regularly elected officers of this Company.

The **RLI Insurance Company** further certifies that the following is a true and exact copy of the Resolution adopted by the Board of Directors of **RLI Insurance Company**, and now in force to-wit:

"All bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, any Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or Agents who shall have authority to issue bonds, policies or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile."

IN WITNESS WHEREOF, the **RLI Insurance Company** has caused these presents to be executed by its Vice President with its corporate seal affixed this 11th day of July, 2011.



**RLI Insurance Company**

By: [Signature]  
Roy C. Die Vice President

State of Illinois }  
County of Peoria } SS

### CERTIFICATE

On this 11th day of July, 2011, before me, a Notary Public, personally appeared Roy C. Die, who being by me duly sworn, acknowledged that he signed the above Power of Attorney as the aforesaid officer of the **RLI Insurance Company** and acknowledged said instrument to be the voluntary act and deed of said corporation.

I, the undersigned officer of **RLI Insurance Company**, a stock corporation of the State of Illinois, do hereby certify that the attached Power of Attorney is in full force and effect and is irrevocable; and furthermore, that the Resolution of the Company as set forth in the Power of Attorney, is now in force. In testimony whereof, I have hereunto set my hand and the seal of the **RLI Insurance Company** this 02nd day of May, 2012.

By: [Signature]  
Cherie L. Montgomery Notary Public

**RLI Insurance Company**

By: [Signature]  
Roy C. Die Vice President



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A0058707

POWER OF ATTORNEY


CNX GAS COMPANY LLC, a Virginia limited liability company, having its principal office at CNX Center, 1000 CONSOL Energy Drive, Canonsburg, Pennsylvania 15317 ("**Company**"), does hereby constitute and appoint, as its true and lawful attorney-in fact with the authority specifically set forth herein Amanda Langford.

The Attorney hereunder shall have the authority to sign and execute on behalf of the Company any and all West Virginia gas well drilling permit applications, gas operations impoundment permit applications, erosion and sedimentation permit (ESCGP-1) applications, county and state road use permit applications (driveway and pipeline bores), and related documents and instruments which may be necessary or expedient in, or incident to, the conduct of the ordinary business of the Company.

The authority of said Attorney hereunder shall commence on March 9, 2012 and shall remain in full force and effect thereafter until terminated in writing.

IN WITNESS WHEREOF, the Company has caused this Power of Attorney to be executed by its duly authorized corporate officer this 8th day of March, 2012.

CNX GAS COMPANY LLC

By:   
Its: Executive Vice President

COMMONWEALTH OF PENNSYLVANIA :  
: SS  
COUNTY OF WASHINGTON :

Sworn and subscribed to before me a Notary Public this 8th day of March, 2012.

COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Joanne T. Bafrafi, Notary Public  
Upper St. Clair Twp., Allegheny County  
My Commission Expires Sept. 10, 2014  
Member, Pennsylvania Association of Notaries



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WV Department of  
Environment & Natural Resources