



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

October 16, 2013

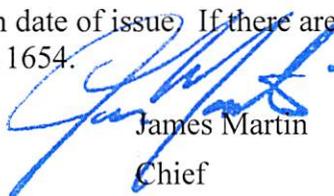
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-9703791, 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: ALT8BHS
Farm Name: WOODY, D. J., ET AL
API Well Number: 47-9703791
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.

CONDITIONS

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.

9703791P

WW-4B
Rev. 2/01

1) Date August 16, 2013
2) Operator's
Well No. ALT8BHS
3) API Well No. 47-097 - 03791

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 9) Plugging Contractor
Name Bill Hatfield Name See Attached
Address P.O. Box 522 Address _____
Buckhannon, WV 26201

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

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Office of Oil & Gas
SEP 05 2013

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 Department of Environmental Protection

Attachment – Form WW-4B for ALT8BHS 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/ 68sks Class A type cement
Fresh Water	13 3/8	N	J-55	54.5#	660'	660'	CTS w/ 435sks Class A Type Cement
Coal	9 5/8	N	J-55	36#	2001'	2001'	CTS w/ 640sks Class A Type Cement
Intermediate	7"	N	N-80	23#	5533'	5533'	CTS w/ 750sks Class A Type Cement
Production							2200 cu. ft. w/ 50:50 POZ Lead & Class A Tail
Tubing							
Liners							

Plug ①

- 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 (5533'-5433'). FROM TOP OF PLUG (insert) 100' UP.
- 3) Pump Gel Spacer from ~~5433'-200'~~ TOP OF 1ST PLUG TO 2050', SET 100' PLUG FROM 2050' - 1950' Plug ③
- 4) Pump 200ft Cement Plug from 200'-surface.
- 5) Install Proper Monument with API #

* CEMENT PLUGS WILL BE SPOTTED THROUGH TUBING.

ELEVATION IS 2459.50'

Plug 2

★) PUMP 200' CEMENT PLUG @ ELEVATION. FROM 2560' - 2360'.

Plug 4

★) PUMP 100' CEMENT PLUG FROM 710' - 610'.

GEL MUST BE AT LEAST 6% BENTONITE.

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Office of Oil & Gas

SEP 05 2013

WV Department of
Environmental Protection

9703791P

McLaughlin, Jeffrey W

From: Casto, Bristin <BristinCasto@consolenergy.com>
Sent: Tuesday, October 15, 2013 3:30 PM
To: McLaughlin, Jeffrey W
Cc: Wright, AMANDA
Subject: Re: API 9703791P Well No. ALT8BHS

I approve

Thanks

Sent from my iPhone

On Oct 15, 2013, at 11:56 AM, "McLaughlin, Jeffrey W" <Jeffrey.W.McLaughlin@wv.gov> wrote:

Bristin,

Please review the changes made to the plugging permit procedure for the above-reference well. If you accept these changes, please confirm by an emailed response.

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

<Consol9703791 Plugging Permit Application.pdf>

"This communication, including any attachments, may contain confidential and privileged information that is subject to the CONSOL Energy Inc.'s Business Information Protection Policy. The information is intended solely for the use of the intended recipient(s). If you are not an intended recipient, you are prohibited from any use, distribution, or copying of this communication. If you have received this communication in error, please immediately notify the sender and then delete this communication in its entirety from your system."

9703791P

WR-35
Rev (8-10)
Page 1 of 2

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: 47-097-03791H
Lease No: 63848, 210294, 210295, 210296

Farm Name: WOODY, D.J., ET AL Operator Well No. ALT8BHS (406837)
LOCATION: Elevation: 2460.74' Quadrangle: Alton 7.5'
District: Washington County: Upshur
Latitude: 1,564 Feet South of: 38 Deg. 47 Min. 30 Sec.
Longitude: 1,604 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: 10/06/2011	20"	40'	40'	68 sks
Date Well Work Completed: 01/28/2012				
Verbal Plugging:	13 3/8"	660'	660'	435 sks
Date Permission granted on:				
Rotary Cable Rig X	9 5/8"	2001'	2001'	640 sks
Total Vertical Depth (feet): 5570'				
Total Measured Depth (feet):	7"	5533'	5533'	750 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 01/28/2012 - 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.

[Signature]
Signature

6/25/12 Date WV Department of Environmental Protection
Office of Oil and Gas

SEP 05 2013

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

WELL: ALT8BHS (406837)

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:

1/28/2012 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	2080	Sand&Shale	2080	2510
Shale	2510	3260	Sand	3260	3390	Shale	3390	4010	Sand&Shale	4010	4220
Gray Shale	4220	4460	Sand/Shale	4460	4810	Shale	4810	5240	Sand Shale	5240	5450
Shale	5450	5570									

REG-1170
 Office of Oil & Gas

SEP 05 2013

WV Department of
 Environmental Protection

Attachment – Form WW-4B for ALT8BHS:

Potential Plugging Contractors:

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

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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WV Department of
Environmental Protection

27

9703791P

Form: WW - 2B

97.03791H

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

97 6 206

1) Well Operator CNX Gas Company, LLC. Operator ID County Upshur District Washington Quadrangle Alton

2) Operators Well Number: ALT8BHS 3) Elevation: 2461'

4) Well Type: (a) Oil or Gas X
(b) If Gas: Production X / / Underground Storage
Deep / Shallow X

5) Proposed Target Formation(s): Marcellus Shale Proposed Target Depth 7400'

6) Proposed Total Depth: TVD 7400'; TMD 12315' Feet Formation at Proposed Total Depth Marcellus Shale

7) Approximate fresh water strata depths: None Reported

8) Approximate salt water depths: None Reported

9) Approximate coal seam depths: 105' 305'

10) Approximate void depths, (coal, Karst, other): None Anticipated

11) Does land contain coal seams tributary to active mine? NO

12) Describe proposed well work Drill and stimulate new horizontal Marcellus well. If an unexpected void is encountered plan will be to set casing at a minimum of 30' past void and cement to surface with approved Class A type cement

13) CASING AND TUBING PROGRAM

	TYPE	SPECIFICATIONS	FOOTAGE INTERVALS	CEMENT		
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor	20"	L.S.	81.3#	40	40	Sand In <u>CTS</u>
Fresh Water	13 3/8"	J-55	54.50#	650	650 ✓	CTS w/ approved Class A type cement
Coal			<i>Bill Hatfield</i>	<i>3/30/2011</i>		
Intermediate	9 5/8"	J-55	36#	2000	2000 ✓	CTS w/ approved Class A type cement
Production	5.5"	P-110	20#	12315	12315	2200 cu ft w/ 50/50 POZ lead and Class A tail
Tubing	2.375"	J-55	4.7#	7250	7250	
Liners						

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Office of Oil & Gas
APR 11 2011

Packers: Kind NONE
Sizes
Depths Set

272000 9740
650

WV Department of Environmental Protection

4703791A

WW-4A
Revised 6-07

1) Date: August 16, 2013
2) Operator's Well Number
ALT8BHS

3) API Well No.: 47 - 097 - 03791

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

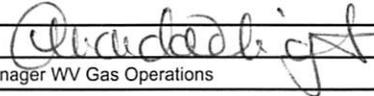
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Don J. Woody, et al</u> ✓	Name <u>None of Declaration</u>
Address <u>24 Vicksburg Road</u>	Address _____
<u>Buckhannon, WV 26201</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration ✓
Address _____	Name <u>See Attached List</u>
_____	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:

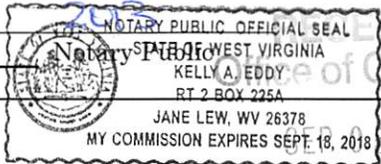
- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

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 19th day of August
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 depprivacyoffier@wv.gov.

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Restricted Delivery Fee (Endorsement Required)	8.37
Total Postage & Fees	\$ 16.74



Don J. Woody, et al
 24 Vicksburg Road
 Buckhannon, WV 26201
 ALT8AHS, ALT8BHS, & ALT8FHS
 Plugging Permit Surface Waiver

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Office of Oil & Gas

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WV Department of
Environment & Protection

9703791A

Attachment – Form WW-4A for ALT8BHS:

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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Total Postage & Fees	\$ 8.37	

7012 1010 0003 0012 3377

Gary L. O'dell
 604 Hall Street
 Charleston, WV 25302
 ALT8AHS, ALT8BHS, & ALT8FHS
 Plugging Permit Coal Waiver

See Reverse for Instructions

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7012 1010 0003 0012 3353

Marvin Culpepper
 616 Stonewall Drive
 Charleston, WV 25302
 ALT8AHS, ALT8BHS, & ALT8FHS
 Plugging Permit Coal Waiver

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Total Postage & Fees	\$ 8.37	

7012 1010 0003 0012 3360

Linda Gail McMillen
 504 Kanawha Blvd
 Charleston, WV 25302
 ALT8AHS, ALT8BHS, & ALT8FHS
 Plugging Permit Coal Waiver

See Reverse for Instructions

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Restricted Delivery Fee (Endorsement Required)	8.37	
Total Postage & Fees	\$ 8.37	

7012 1010 0003 0012 3384

Dustin B. O'dell
 329 Hawthorne Drive
 Charleston, WV 25302
 ALT8AHS, ALT8BHS, & ALT8FHS
 Plugging Permit Coal Waiver

See Reverse for Instructions

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WV Department of
Environmental Protection

WW-4B

API No.	<u>47-097-03791 f</u>
Farm Name	<u>Don J. Woody, et al</u>
Well No.	<u>ALT8BHS</u>

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator ____ / owner / lessee ____ / of the coal under this well location has examined this proposed plugging work order. 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.

Date: 8/31/13

By: 
 Its _____

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 Office of Oil & Gas
 SEP 05 2013
 WV Department of
 Environmental Protection

WW-4B

API No. 47-097-03791 P
Farm Name Don J. Woody, et al
Well No. ALT8AHS

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

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WAIVER

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Date: 8-29-13

Don J. Woody

By: _____

Its _____

RECEIVED
Office of Oil & Gas
SEP 05 2013
WV Department of
Environmental Protection

WW-4B

API No.	<u>47-097-03791</u> <i>f</i>
Farm Name	<u>Don J. Woody, et al</u>
Well No.	<u>ALT8BHS</u>

**INSTRUCTIONS TO COAL OPERATORS
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Date: 8-24-13

Marvin W Culpeper

By: _____

Its _____

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Office of Oil & Gas
SEP 05 2013
WV Department of
Environmental Protection

WW-4B

API No.	<u>47-097-03791 P</u>
Farm Name	<u>Don J. Woody, et al</u>
Well No.	<u>ALT8BHS</u>

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

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The undersigned coal operator ____ / owner ____ / lessee ____ / of the coal under this well location has examined this proposed plugging work order. 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.

Date: 8-29-13

Justin B. Dell

By: _____

Its _____

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Office of Oil & Gas

SEP 05 2013

WV Department of
Environmental Protection

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

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 *Jeremy Jones*

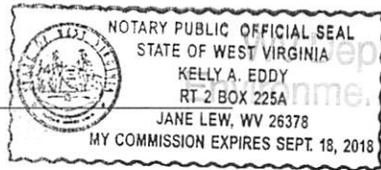
Company Official (Typed Name) Jeremy Jones

Company Official Title Designated Agent General Manager WV Gas Operations

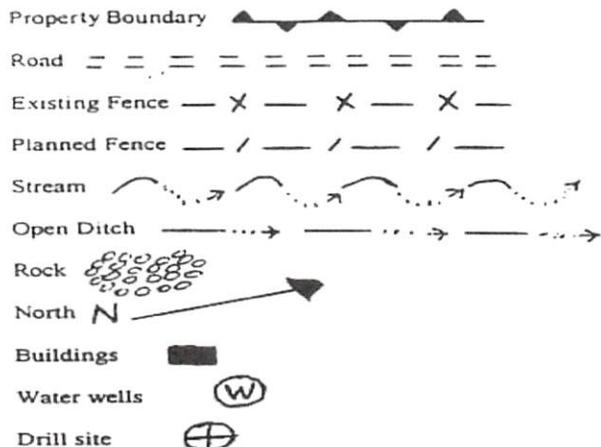
Subscribed and sworn before me this 19th day of August, 2013 RECEIVED
Office of Oil & Gas

Kelly A. Eddy Notary Public SEP 05 2013

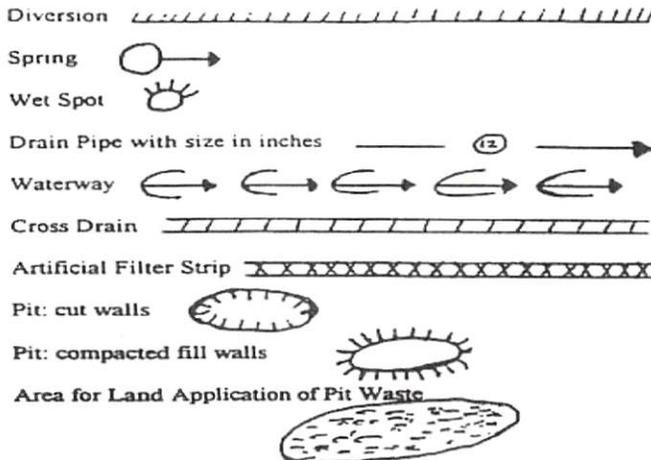
My commission expires September 18, 2018



Department of Environmental Protection



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

Area I		Area II	
Seed Type	lbs/acre	Seed Type	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 Hatfield
 Comments: _____

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Title: oil & gas inspector Date: 8/28/13 SEP 05 2013

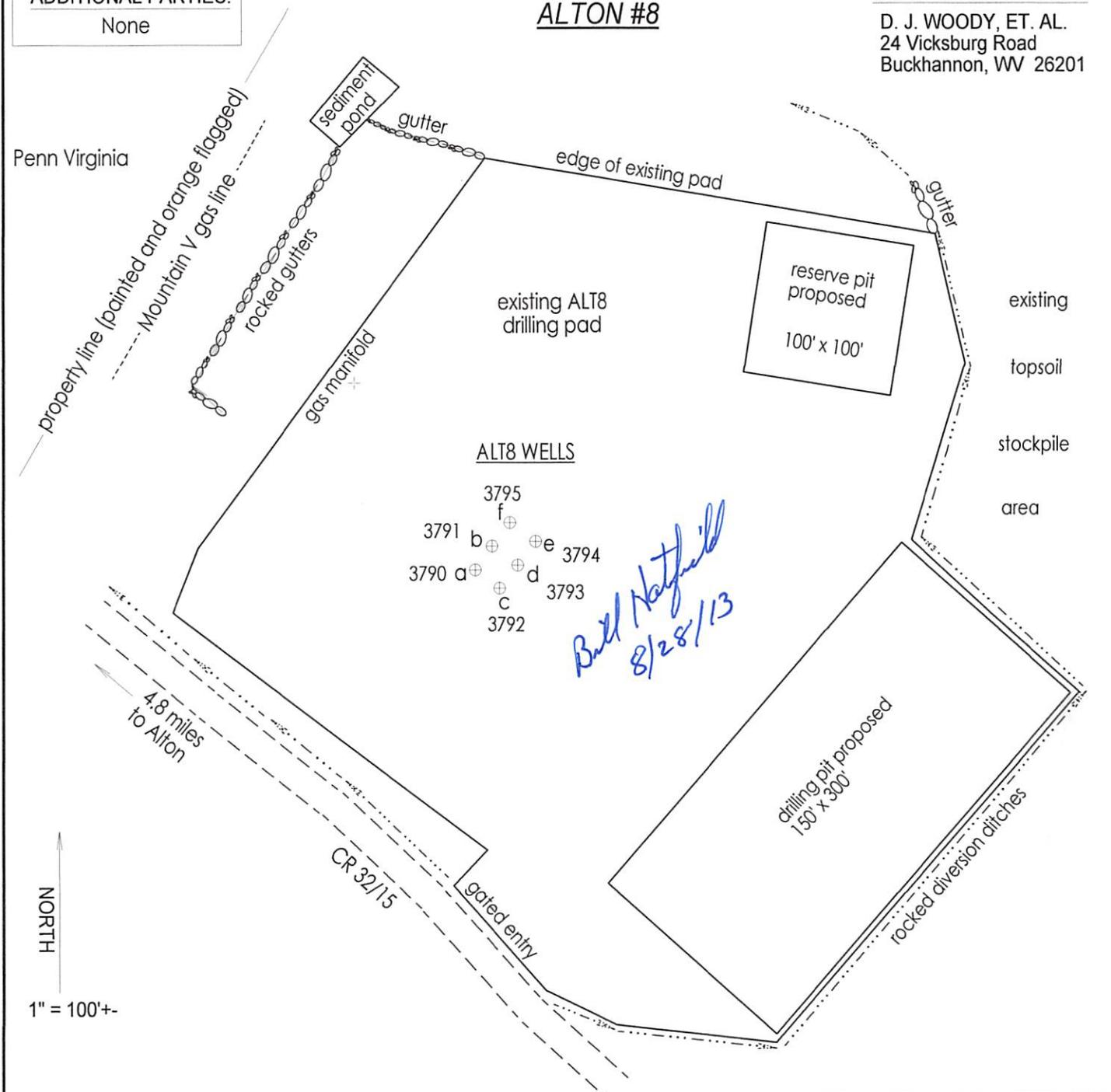
Field Reviewed? Yes No

ADDITIONAL PARTIES:
None

ALTON #8

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

Penn Virginia



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

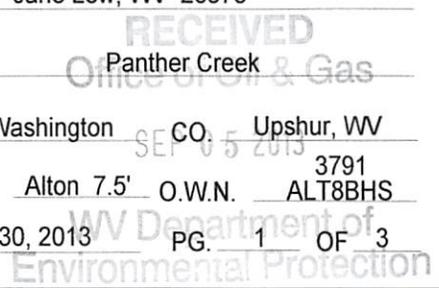
DRAWINGS TO ACCOMPANY FORM WW-9

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

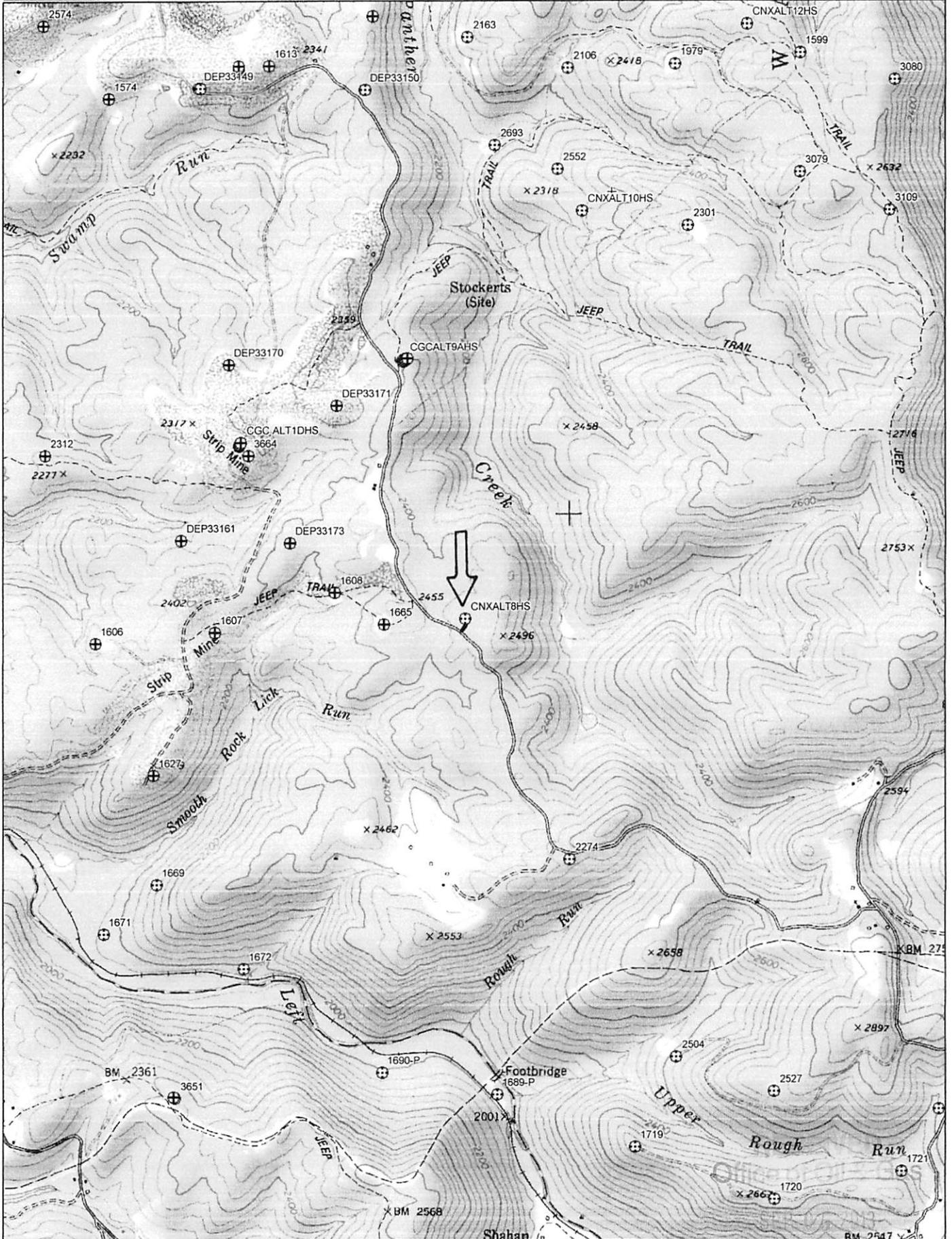
WATERSHED: Panther Creek
DISTRICT: Washington CO. Upshur, WV
QUADRANGLE: Alton 7.5' O.W.N. 3791 ALT8BHS
DATE: July 30, 2013 PG. 1 OF 3

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



9703791P



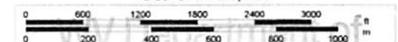
Data use subject to license.

© DeLorme. XMap® 7.

www.delorme.com

TN
MN (8.7"W)

Scale 1 : 24,000



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

Environmental Reaction

9703791P

WW-7
5-02



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

API: 47-097-03791 WELL NO.: ALT8BHS
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: 4,293,514.42 METERS
UTM GPS EASTING: 571,908.60 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 : Post Processed Differential Real-Time Differential
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: ALT8BHS = 105,371.71' 1,808,360.56' ELEV. = 2,459.50'

McLaughlin, Jeffrey W

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)



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,

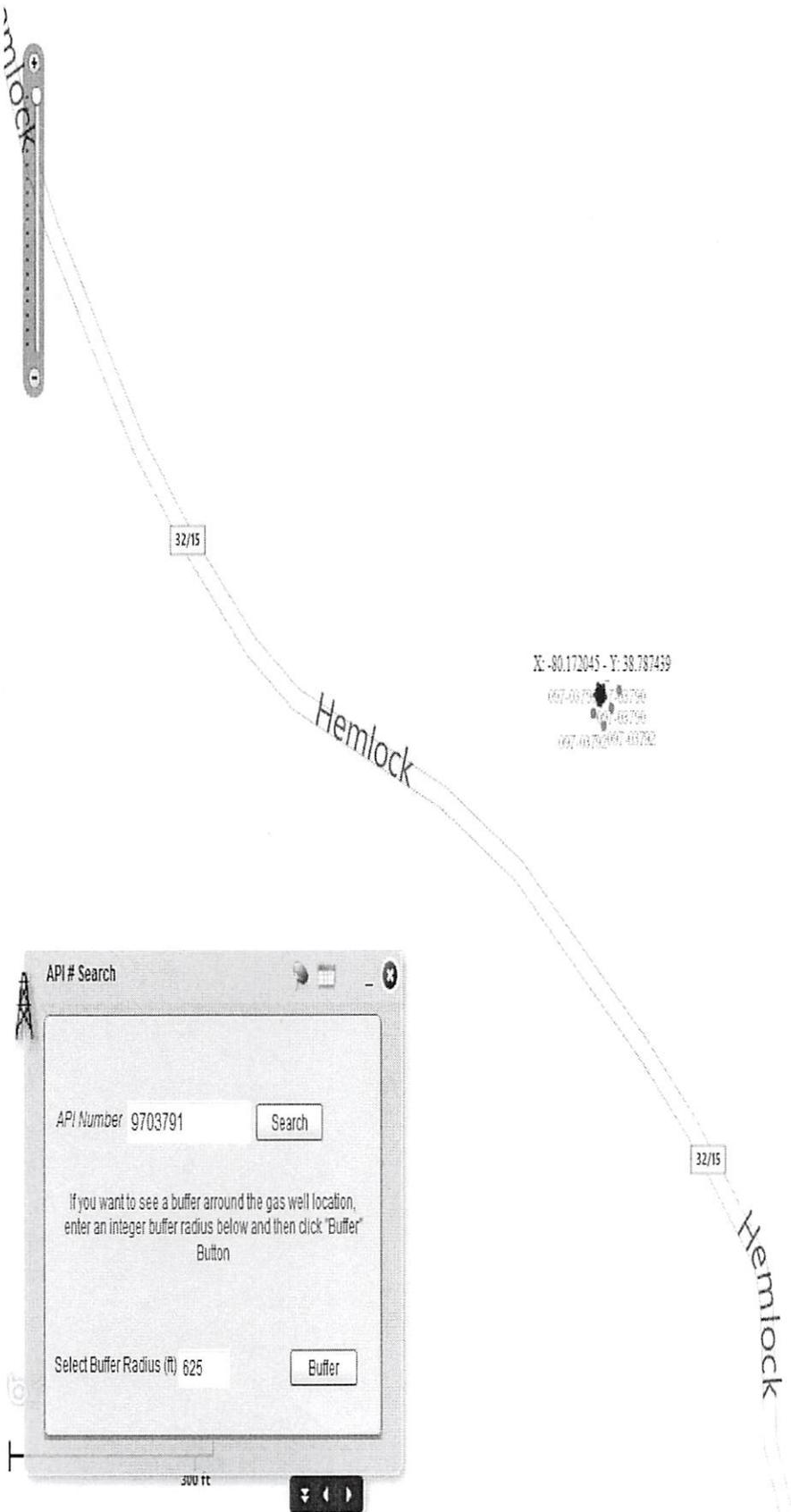
Jeff McLaughlin, WV DEP
 Office of Oil & Gas

9703791P


WVDEP
 Resource Extraction Data Viewer


About

No MIWES
 OR FLOOD PLAIN,



API # Search

API Number

If you want to see a buffer around the gas well location, enter an integer buffer radius below and then click "Buffer" Button

Select Buffer Radius (ft)

300 ft

9703791A



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 57th 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. Thank you!

Sincerely,


Kelly Eddy

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WV Department of
Environmental Protection

7-29-09

API # 47-097-03791

Operator CNX Gas Company LLC

Well #/Name A1+8BHS

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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WV Department of
Environmental Protection

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



August 19, 2013

Linda Gail McMillen
504 Kanawha Blvd.
Charleston, WV 25302

**Re: Well # ALT8BHS; API # 47-097-03791
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,

A handwritten signature in blue ink that reads 'Kelly Eddy'.

Kelly Eddy

Enclosures

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WV Department of
Environmental Protection

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WW-4B

API No.	<u>47-097-03791</u>
Farm Name	<u>Don J. Woody, et al</u>
Well No.	<u>ALT8BHS</u>

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator ____ / owner ____ / lessee ____ / of the coal under this well location has examined this proposed plugging work order. 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.

Date: _____

By: _____

Its _____

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West Virginia Department of
Environmental Protection

9703791P



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



August 19, 2013

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

**Re: Well # ALT8BHS; API # 47-097-03791
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,

A handwritten signature in blue ink that reads 'Kelly Eddy'.

Kelly Eddy

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WV Department of
Environmental Protection

9703791P



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 # ALT8BHS; API # 47-097-03791
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

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WV Department of
Environmental Protection

SURFACE OWNER WAIVER

Operator's Well
Number

ALT8BHS

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (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 **FIVE (5) 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.

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 Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

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
ETC.

RECEIVED
FOR EXECUTION BY A CORPORATION,
Office of Oil & Gas

Signature

Date

Name

By

Its

Date

Signature

Date
Department of
Environmental Protection

9703791P



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



August 19, 2013

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

**Re: Well # ALT8BHS; API # 47-097-03791
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

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



August 19, 2013

Marvin Culpepper
616 Stonewall Drive
Charleston, WV 25302

**Re: Well # ALT8BHS; API # 47-097-03791
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

Kelly Eddy

Enclosures

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Environmental Protection

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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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WV Department of
Environmental Protection

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

THIS AGREEMENT, executed in duplicate, made and entered into this 20th 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

Oil and Gas
SEP 05 2013
Department of Environmental Protection

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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WV Dept of Environment & Natural Resources

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. Lisher
Witness

By: Morris A. Murphy
State Highway Engineer

David A. Pitt
Witness

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

(To be executed in duplicate)

APPROVED AS TO FORM THIS
9th DAY OF March, 2012

[Signature]
ATTORNEY LEGAL DIVISION
WEST VIRGINIA DEPARTMENT
OF HIGHWAYS

Office of Gas

SEP 05 2013

West Virginia Department of
Energy and Mineral Resources

OP-8
Re: 1/12

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 3987, 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) By: Sandra L. Horn
Sandra L. Horn, Attorney-In-Fact

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

(20) Address: _____

(21) Telephone: _____

Office of Oil and Gas

SEP 06 2013

Department of Environmental Protection

(I.E. ERSE)

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 _____
- 7. _____
- (Notary Public)
- 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 Notarial Seal
Kathryn A. Galie, Notary Public
(Notary Public, Allegheny County
My Commission Expires Oct. 1, 2015
- 17. *Kathryn A. Galie*
- 18. My commission expires on the _____ 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 Notary Seal
JoAnn R. Frank
Notary Public
State of Missouri
Commission for St. Louis City
My Commission Expires June 20, 2014
- 27. *JoAnn R. Frank*
- 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)

SEP 05 2013

Department of Energy and Environment



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:

Parcela 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



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.

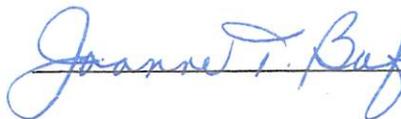
CNX GAS COMPANY LLC

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. Bafrali, Notary Public
Upper St. Clair Twp., Allegheny County
My Commission Expires Sept. 10, 2014
Member, Pennsylvania Association of Notaries



RECEIVED
Office of Oil & Gas

SEP 05 2013

WV Department of
Environmental Protection