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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 17, 2014

**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-2103211, 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: 12523  
Farm Name: ARBUCKLE, J. E.  
**API Well Number: 47-2103211**  
**Permit Type: Plugging**  
Date Issued: 10/17/2014

**Promoting a healthy environment.**

**10/17/2014**

## 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

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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.
4. This well is under a consent order and must be plugged under the terms of that agreement.

21032119

WW-4B  
Rev. 2/01

1) Date \_\_\_\_\_, 2014  
2) Operator's  
Well No. 12523  
3) API Well No. 47-021 - 03211

CK 2720022744  
10000

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

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

5) Location: Elevation 1197.59' Watershed Westfall Run  
District Center County Gilmer Quadrangle Tanner

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

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Bryan Harris Name See Attached  
Address P.O. Box 157 Address \_\_\_\_\_  
Volga, WV 26238

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

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

Work order approved by inspector Bryan O'Hara

Date 8-12-14 W.V. Department of Environmental Protection

10/17/2014

210321P

Attachment – Form WW-4B:

**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

Waco  
P.O. Box 397  
Glenville, WV 26351

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## Plugging Work Order for Permit 47-021-03211

### CNX Gas - Well 12523

1. Verify 4-1/2" casing TD, and swab well dry.
2. Pump cement plug 2050' to TD. Displace 4-1/2" wiper plug, and 6% Gel to 2050'.
3. Wait on cement before pulling 4-1/2".
4. Free point, cut, and pull 4-1/2" casing above T.O.C. (est. 1900'). TOH w/ 4-1/2".
5. Attempt to Pull 8-5/8" casing (2145' cemented to surface).
6. If unable to pull 8-5/8", perf @ 200'. — No Perf. cement inside casing
7. TIH w/ 2-3/8" EUE work string to 4-1/2" casing cut (~1900').
8. Pump 100' cement plug across 4-1/2" casing cut at (~1900').
9. Pull 2-3/8" EUE to 1190'.
10. Pump cement plug from 1190', across elev. @ (1090'), to 990'.
11. Pull 2-3/8" EUE up to 200'.
12. Pump cement plug from 200' to surface.
13. TOH with 2-3/8" EUE, and top off cement to surface.
14. Install 6" x 14' monument (10' below grade) API 47-021-03211

Work Order approved by Inspector

Bryan O'Hara

Date:

8-12-14

Note: All cement will be Class A. All spacers between plugs will be 6% gel.

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Environmental Protection

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VISION *TII*

WORKING DISTRICT *Calhoun*

Well No. *12523*

NAME *J. E. Arbuckle*

LEASE No. *64486*

ACRES *230*

MAP No. *87*

N *37* E *116*  
S *37* W *116*

Loc *Center*  
 Ship *Hilmer*  
 Pool  
 Dated *5-5-78* W.O. *3221-02808*  
 Grd. *1090* D.F.  
 Top Clr.  
 Fractor *L. H. Grant*  
 Owners Permit No. *322-3211*  
*47-021*

Formation	Top	Bottom	Gas	Oil	Water
<i>no seal</i>					<i>50</i>

CASING RECORD								PULLED	
Date	Size	Wt.	Grade	Amount	Set	Cemented With	Date	Amt.	
	<i>11 3/4</i>	<i>42</i>	<i>K55</i>	<i>209</i>	<i>207</i>	<i>Surf. 75</i>			
	<i>8 7/8</i>	<i>24</i>	<i>H55</i>	<i>2145</i>	<i>2135</i>	<i>" " 260</i>			
	<i>4 1/2</i>	<i>10.5</i>	<i>K55</i>	<i>5245</i>	<i>5213</i>	<i>500</i>		<i>2554.45</i>	
<i>RE-Run</i>	<i>4 1/2</i>				<i>2404.6</i>	<i>90</i>			

GAMMA RAY LOG		
Depth	Gamma	Formation
<i>1832</i>	<i>1845</i>	<i>L. Lime</i>
<i>1878</i>	<i>1945</i>	<i>B. Lime</i>
<i>1945</i>	<i>2028</i>	<i>B. Injunct</i>
<i>2156</i>	<i>2243</i>	<i>Shale</i>
<i>2487</i>	<i>2504</i>	<i>30'</i>
<i>2515</i>	<i>2634</i>	<i>Dev. Sh. - Jordan</i>
<i>3175</i>	<i>3203</i>	<i>5th St. Horizon</i>
<i>3452</i>	<i>3466</i>	<i>Warren L.</i>
<i>3750</i>	<i>3830</i>	<i>U. Speckling</i>
<i>4175</i>	<i>4191</i>	<i>Bradford</i>
<i>4525</i>	<i>4633</i>	<i>Riley</i>
<i>4694</i>	<i>4704</i>	<i>Bimble</i>
<i>4926</i>	<i>5003</i>	<i>Cedar Creek</i>
<i>5080</i>	<i>5155</i>	<i>Sp. Whit. F.</i>
Total Depth		<i>5239</i>
Plugged Back To		<i>2316</i>

SHOE & PACKER DATA					PERFORATING DATA		
Date	Size	Type	Set	Pulled	Depth	Holes	Size
	<i>11 3/4</i>	<i>Guide</i>	<i>206.95</i>		<i>5089-5153</i>	<i>20</i>	
	<i>8 7/8</i>	<i>Guide</i>	<i>2124.75</i>		<i>4958-4972</i>	<i>18</i>	
	<i>4 1/2</i>	<i>Float</i>	<i>5213.90</i>		<i>(2175-80)</i>	<i>15</i>	
					<i>(2191-96)</i>		
					<i>2204-09</i>		

LOGGING DATA				INITIAL DAILY OIL PROD.		
Date	Type	Interval	Co.	Date	Bbls.	Formation
<i>9-14-78</i>	<i>Temp</i>		<i>Schlumberger</i>			
	<i>FOC-GR</i>		<i>"</i>			
	<i>Neutron</i>		<i>"</i>			
	<i>INO</i>		<i>"</i>			
	<i>Service</i>		<i>"</i>			

Plugged: *Gas Prod*

VOLUME AND PRESSURE																	
Date	Reading	Liquid	SIZE			MINUTE RISE						Hrs.	Days	VOLUME	SAND		
			Opening	CSG	TBG	1	2	3	4	5	15					30	60
<i>14-78</i>	<i>40/10</i>	<i>W</i>	<i>3/4"</i>	<i>4 1/2</i>		<i>4</i>	<i>7</i>	<i>11</i>	<i>16</i>	<i>20</i>	<i>45</i>	<i>60</i>	<i>134</i>		<i>98,800</i>	<i>Stein</i>	

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Commenced	Completed	D.D. To	Volume		Rock Pressure			
			Before	After	Before	24 Hr. After	10 D. After	

REMARKS

TREATMENT DATA (Shot, Fracture, Acidize, Etc.)							
Date	Type	BD Press	Sand	O.F. Before	O.F. After	R.P. Before	R.P. After
<i>7-78</i>	<i>Water</i>		<i>Lycamore Sh. Int.</i>	<i>26,000</i>	<i>58,000</i>	<i>NT</i>	<i>NT</i>
<i>14-78</i>	<i>Water</i>		<i>Cedar Creek</i>	<i>NT</i>	<i>64,000</i>	<i>NT</i>	<i>NT</i>
<i>17-78</i>	<i>Acid</i>		<i>Stein</i>	<i>NT</i>	<i>98,800</i>	<i>NT</i>	<i>530 - 14 day</i>

21032110





2103211P

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Rotary  Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas   
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

Quadrangle Tanner

Permit No. GIL-3211

Company <u>Consolidated Gas Supply Corp.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>145 W. Main St., Clarksburg, WV</u>				
Farm <u>J. E. Arbuckle</u> Acres <u>230</u>				
Location (waters) <u>Westfall Run</u>	Size			
Well No. <u>12523</u> Elev. <u>1090'</u>	20-16			
District <u>Center</u> County <u>Gilmer</u>	Cond.			
The surface of tract is owned in fee by _____	<u>1310' 11 3/4"</u>	<u>209'</u>	<u>200'</u>	To surface
<u>Dale Groves</u>	9 5/8			
Address <u>Glenville, WV</u>	8 5/8	<u>2145'</u>	<u>2145'</u>	
Mineral rights are owned by <u>John F. Arbuckle</u>	7			
Address <u>Glenville, WV</u>	5 1/2			
Drilling Commenced <u>September 7, 1979</u>	4 1/2	<u>5215'</u>	<u>5215'</u>	
Drilling Completed <u>September 14, 1979</u>	3			
Initial open flow <u>0</u> cu. ft. _____ bbls.	2			
Final production <u>99M</u> cu. ft. per day _____ bbls.	Liners Used			
Well open _____ hrs. before test <u>13 1/2</u> RP.				

Well treatment details:

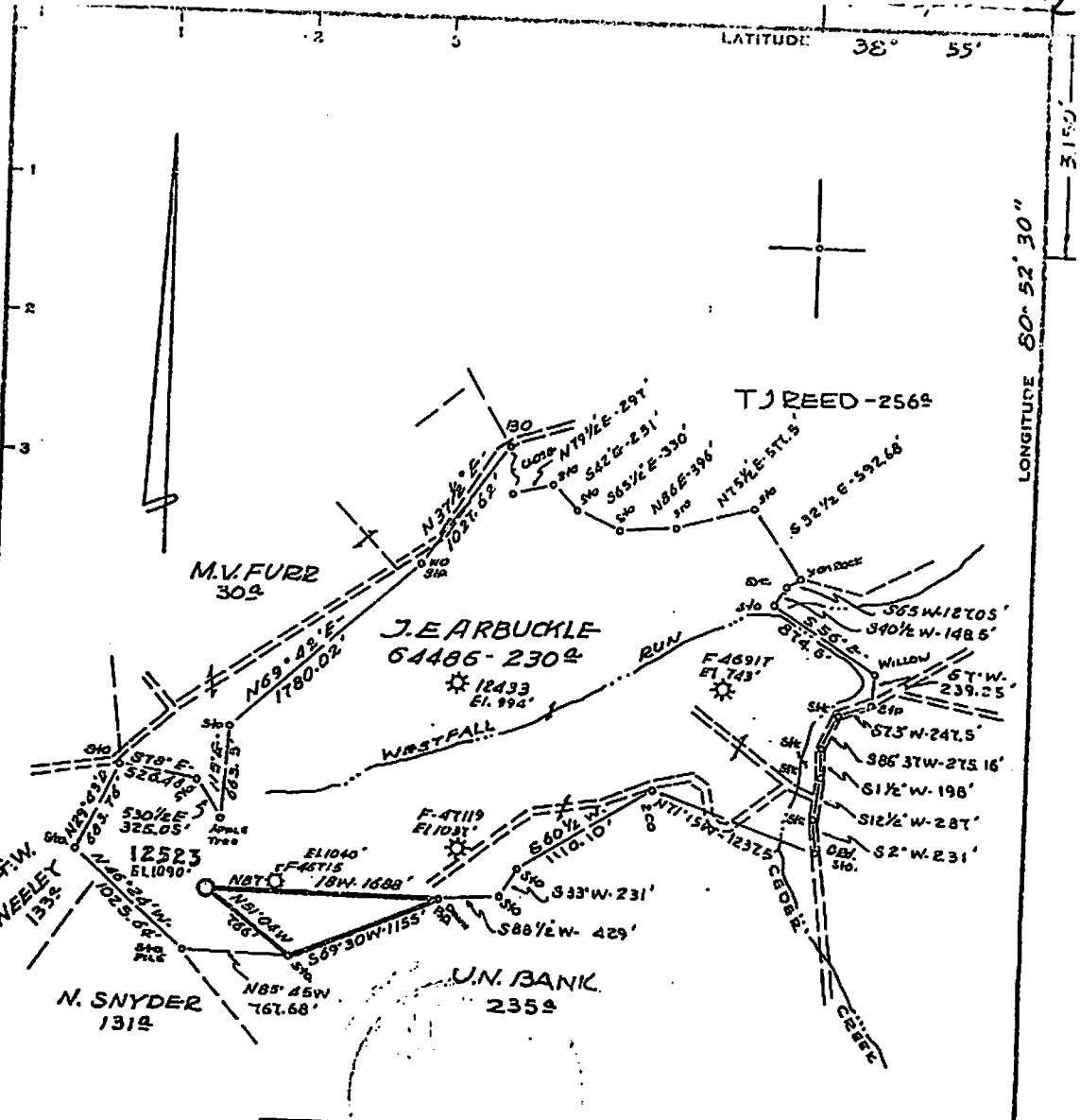
Attach copy of cementing record.

Well fractured with 75,000# sand, 1000 bbls. of water & 1000 gal 15% Hcl.  
Perforations: 1958 - 1972' with 18 holes.  
Well fractured with 75,000# sand, 1000 bbls. of water & 1000 gal 15% Hcl.  
Perforations: 5089-5091, 5108-5110, 5124-5126, 5138-5140 & 5151-5153. Total 20 holes.  
Well fractured with 60,000# sand, 1000 bbls. of water, 1000 gal 15% & 2000 gal 28% Acid.  
Perforations: 2175-2180, 2191-2196 & 2201-2209' with 15 holes.  
Coal was encountered at None Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 50' Feet \_\_\_\_\_ Salt Water None Feet \_\_\_\_\_  
Producing Sand Weir Depth 2175-80, 2191-96, 2204-09

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	5		
Red Rock			5	25		
Sand & Shale			25	1350	Water	50'
Big Lime & Injun			1850	2025		
Sand & Shale			2025	1610		
Brown Sand			1610	1625		
Shale			1625	1615		
Benson			1615	1670		
Sand & Shale			1670	5250		

Present T.D. 2316'. 4 1/2" casing cut at 2316 and pulled.  
Cemented solid from 5250 to 2316.

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T.D. WV Department of Environmental Protection  
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Minimum Error of Closure 1' in 200'  
 Source of Elevation LEVELS FROM WELL F-46715  
EL. 1040'

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

- New Location
- Drill Deeper
- Abandonment

MAP SHEET BT S37 W16 FB 1917 PG 37-38

Company CONSOLIDATED GAS SUPPLY CORP.  
 Address CLARKSBURG, W.VA.  
 Farm J.E. ARBUCKLE  
 Tract \_\_\_\_\_ Acres 2.30 Lease No. 64486  
 Well (Farm) No. \_\_\_\_\_ Serial No. 12523  
 Elevation (Spirit Level) 1090'  
 Quadrangle TANNER, W.VA. 25  
 County GILMER District CENTER  
 Engineer Wm. W. H. W. W.  
 Engineer's Registration No. 22574  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 6-8-78 Scale 1" = 1000'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP RECEIVED  
 Office of Oil and Gas

FILE NO. \_\_\_\_\_  
 + Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.  
 - Denotes one inch spaces on border of original tracing.

AUG 26 2014  
 WV Department of Environmental Protection

10/17/2014





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
Oil and Gas Division  
WELL RECORD

Quadrangle Tanner

Permit No. OTL-3211

Rotary  Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas   
Recycling \_\_\_\_\_ Comb. \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind)

Company <u>Consolidated Gas Supply Corp.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>445 W. Main St., Clarksville, WV</u>	Size			
Farm <u>J. E. Arbuckle</u> Acres <u>230</u>	20-16			
Location (waters) <u>Westfall Run</u>	Cond.			
Well No. <u>10523</u> Elev. <u>1000'</u>	<u>1940' 11 3/4"</u>	<u>200'</u>	<u>200'</u>	To surface
District <u>Ganter</u> County <u>Gilmer</u>	<u>9 5/8"</u>			
The surface of tract is owned in fee by <u>Dale Groves</u>	<u>8 5/8"</u>	<u>2145'</u>	<u>2145'</u>	
Address <u>Glenville, WV</u>	<u>7"</u>			
Mineral rights are owned by <u>John E. Arbuckle</u>	<u>5 1/2"</u>			
Address <u>Glenville, WV</u>	<u>4 1/2"</u>	<u>5245'</u>	<u>5245'</u>	
Drilling Commenced <u>September 7, 1979</u>	<u>3"</u>			
Drilling Completed <u>September 11, 1979</u>	<u>2"</u>			
Initial open flow <u>0</u> cu. ft. _____ bbls.	Liners Used			
Final production <u>99M</u> cu. ft. per day _____ bbls.				
Well open _____ hrs. before test <u>13 1/2</u> RP.				

Well treatment details:

Attach copy of cementing record.

Well fractured with 75,000# sand, 1000 bbls. of water & 1000 gal 15% Hcl.  
Perforations: 1958 - 1972' with 18 holes.  
Well fractured with 75,000# sand, 1000 bbls. of water & 1000 gal 15% Hcl.  
Perforations: 5089-5091, 5108-5110, 5124-5126, 5138-5140 & 5151-5153. Total 20 holes.  
Well fractured with 60,000# sand, 1000 bbls. of water, 1000 gal 15% & 2000 gal 28% Acid.  
Perforations: 2175-2180, 2191-2196 & 2204-2209' with 15 holes.  
Coal was encountered at None Feet \_\_\_\_\_ Inches  
Fresh water 50' Feet \_\_\_\_\_ Salt Water None Feet \_\_\_\_\_  
Producing Sand Weir Depth 2175-80, 2191-96, 2204-09

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	5		
Red Rock			5	25		
Sand & Shale			25	1750	Water	50'
Big Lime & Injun			1850	2025		
Sand & Shale			2025	4610		
Brown Sand			4610	4625		
Shale			4625	4945		
Benison			4645	4670		
Sand & Shale			4670	5250	T.D.	
<p><u>Present T.D. 2316'. 4 1/2" casing cut at 2316 and pulled.</u> <u>Cemented solid from 5250 to 2316.</u></p>						

\* Indicates Electric Log tops in the remarks section.

(over)

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AUG 26 2014  
WV Department of  
Environmental Protection

WW-4A  
Revised 6-07

1) Date: 8/21/14  
2) Operator's Well Number  
12523

3) API Well No.: 47 - 021 - 03211

**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>See Attached</u>	Name <u>None of Declaration</u>
Address _____	Address _____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>See Attached</u>
(c) Name _____	Address _____
Address _____	Name _____
Address _____	Address _____
6) Inspector <u>Bryan Harris</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 157</u>	Name <u>None of Declaration</u>
<u>Volga, WV 26238</u>	Address _____
Telephone <u>304-533-6087</u>	Address _____

**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 Kelly Eddy  
 By: Matt Imrich  
 Its: Designated Agent - District Operations Superintendent, WV Gas Operations  
 Address P.O. Box 1248  
Jane Lew, WV 26378  
 Telephone 304-884-2009 - Amanda Wright, Permitting Supervisor

Subscribed and sworn before me this 21<sup>ST</sup> day of AUGUST 2014  
[Signature] Notary Public  
 My Commission Expires 9/15/2021

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Office of Oil and Gas

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

AUG 26 2014  
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 Westfall Run Quadrangle Tanner

Elevation 1197.59' County Gilmer District Center

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

Will a synthetic liner be used in the pit? ~~N/A~~ 20 m

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 Waste Management or Ryan Environmental use vacuum trucks, and properly disposes fluid and waste returns)

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 Kelly Eddy

Company Official (Typed Name) Matt Imrich

Company Official Title Designated Agent - District Operations Superintendent, WV Gas Operations

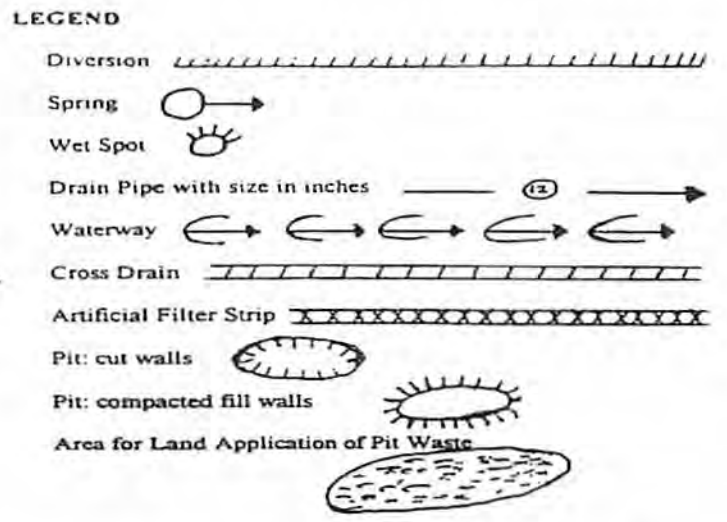
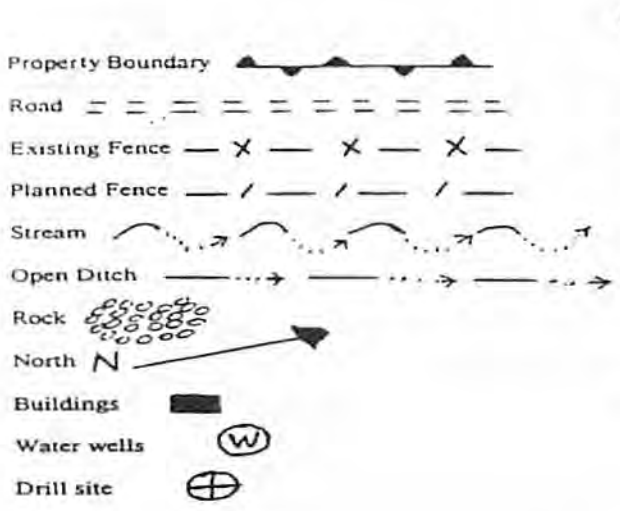
Subscribed and sworn before me this 21<sup>ST</sup> day of AUGUST, 2014

Caroline J. [Signature]

My commission expires 9/15/2021







Proposed Revegetation Treatment: Acres Disturbed 0.75 acres 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.

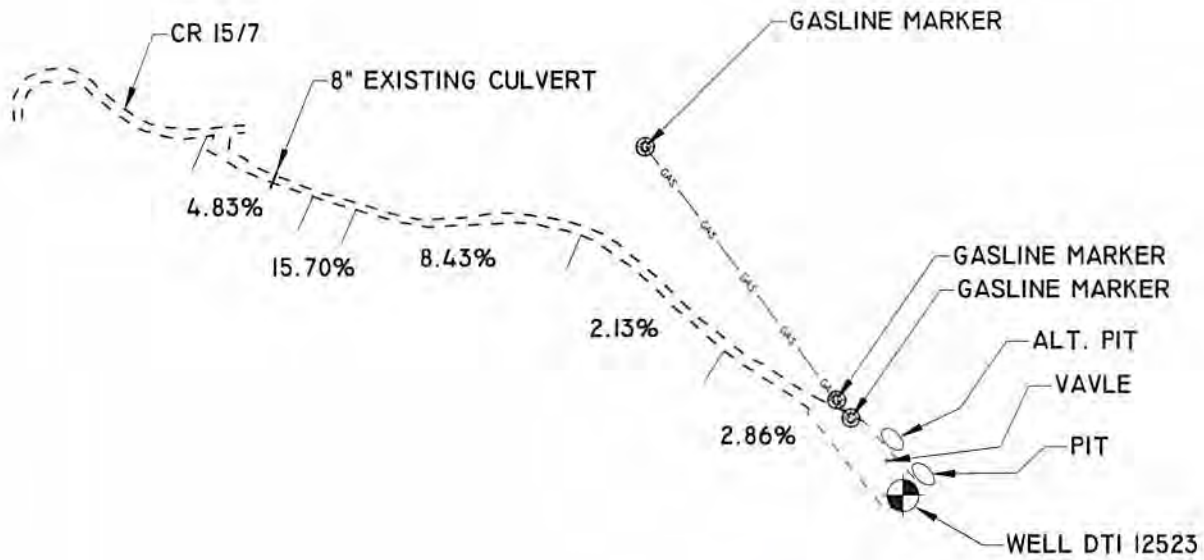
Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: *Douglas O'Hara*

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

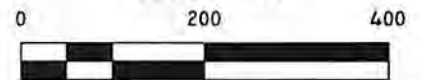
Title: *Inspector* Date: *8-12-14*

Field Reviewed? ( ) Yes ( X ) No



B.O.H.  
8-12-14

SCALE 1" = 200'



NOTE:  
 THIS PLAN IS FOR THE PLUGGING OF AN EXISTING GAS WELL. ENTIRE LENGTH OF ROAD IS EXISTING ROCK BASE WELL ROAD. ROCK WILL BE USED WHERE NECESSARY. ALL GRADES ARE NOTED.



DRAWINGS TO ACCOMPANY FORM WW-9	
CNX GAS COMPANY LLC	
P.O. BOX 1248	
JANE LEW, <i>Wife of Oil and Gas</i>	
WATERSHED: CLARKSBURG	COUNTY: GILMER
DISTRICT: CENTER	WELL NO.: DTI 12523
QUADRANGLE: TANNER	DATE: 08/05/14

RECEIVED  
 AUG 26 2014  
 WV Department of Environmental Protection  
 10/17/2014





DRAWINGS TO ACCOMPANY FORM WW-9  
 CNX GAS COMPANY  
 P.O. BOX 11248 of Oil and Gas  
 JANE LEW, WV 26378

**Blue Mountain Inc.**  
 11023 MASON DIXON HIGHWAY  
 BURTON, WV 26562  
 PHONE: (304) 662-6486

WATERSHED: CLARKSBURG  
 DISTRICT: CENTER COUNTY: GILMER  
 QUADRANGLE: TANNER WELL NO.: DTI 12523  
 DATE: 08/05/14  
 AUG 26 2014  
 WV Department of Environmental Protection  
 PAGE 3

10/17/2014



2103211A

WW-7  
8-30-06



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

API: 047-021-03211 WELL NO.: DTI 12523

FARM NAME: J.E. ARBUCKLE

RESPONSIBLE PARTY NAME: CNX GAS COMPANY LLC

COUNTY: GILMER DISTRICT: CENTER 1

QUADRANGLE: TANNER 7.5 MIN. 634

SURFACE OWNER: JUDSON E. & AMY I. SHREVES

ROYALTY OWNER: JOHN F. ARBUCKLE

UTM GPS NORTHING: 4306402.749 METERS

UTM GPS EASTING: 509869.414 METERS GPS ELEVATION: 365.02 METERS 1197'

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

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS  : Post Processed Differential

Real-Time Differential

Mapping Grade GPS  : Post Processed Differential

Real-Time Differential

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

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

Signature

WV PROFESSIONAL SURVEYOR #2000  
Title

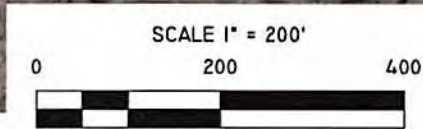
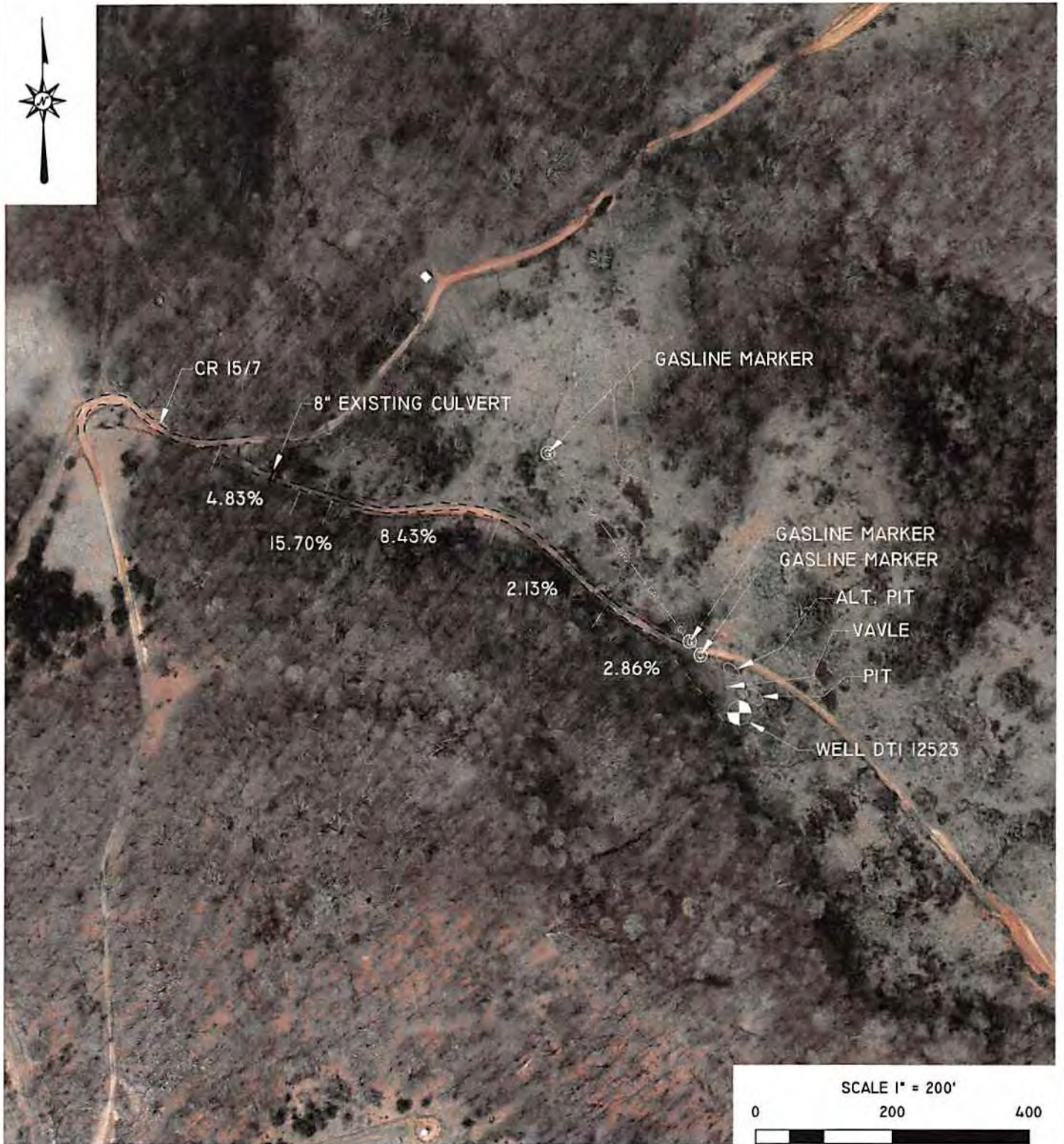
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Office of Oil and Gas  
8/6/14  
Date AUG 26 2014



CNX USE: NAD27 WV SOUTH SPC - N:694211.126' E:2032344.679'

WV Department of Environmental Protection  
10/17/2014





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**Blue Mountain Inc.**  
 11023 MASON DIXON HIGHWAY  
 BURTON, WV 26562  
 PHONE: (304) 662-6486

DRAWINGS TO ACCOMPANY FORM WW-9

CNX GAS COMPANY  
 P.O. BOX 1248  
 JANE LEW, WV 26378

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 Office of Oil and Gas

WATERSHED: CLARKSBURG  
 DISTRICT: CENTER  
 QUADRANGLE: TANNER  
 DATE: 08/05/14

AUG 26 2014  
 COUNTY: GILMER  
 WELLS: DTI 12523  
 WV Department of Environmental Protection  
 PAGE 2 OF 3

10/17/2014

210324A



11023 Mason Dixon Hwy, Burton WV 26562-9656  
Phone: (304) 662-6486

E-mail: [bmi@bluemtninc.com](mailto:bmi@bluemtninc.com)  
[www.bluemtninc.com](http://www.bluemtninc.com)

August 1, 2014

**DRIVING DIRECTIONS FOR DTI 12523**

While traveling South on US Route 119/33, turn right onto County Route 119/14 (Tater Knob Road) and travel 0.9 miles. Turn right onto County Route 15/7 and travel 0.6 miles. Access road will be on the right.

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Office of Oil and Gas  
AUG 26 2014  
WV Department of  
Environmental Protection 10/17/2014



21 03211P



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



August 21, 2014

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

**RE: Well to be Plug and Abandoned: 12523**

To Whom it May Concern,

Enclosed, please find the following plugging permit for your review and consideration:

- 12523 – API #47-021-03211

Should you need any further information, please contact me at (304) 884-2057 or by email at [carolindaflanagan@consolenergy.com](mailto:carolindaflanagan@consolenergy.com). Thank you!

Sincerely,

  
Carolinda Flanagan

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Office of Oil and Gas  
AUG 26 2014  
WV Department of  
Environmental Protection

10/17/2014