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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

December 08, 2014

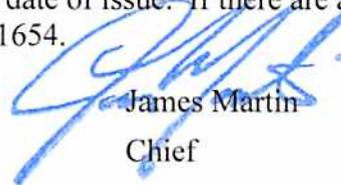
**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-9501429, 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: GEIGEL 3  
Farm Name: GEIGEL, NAOMI - WIDOW  
**API Well Number: 47-9501429**  
**Permit Type: Plugging**  
Date Issued: 12/08/2014

**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

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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.

95 01429 P

WW-4B  
Rev. 2/01

1) Date 10/22, 2014  
2) Operator's  
Well No. 10258  
3) API Well No. 47-095 - 01429

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 \_\_\_/ ShallowX

5) Location: Elevation 818.60' Watershed Brush Run  
District Meade County Tyler Quadrangle Pennsboro

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 Michael Goff Name See Attached  
Address P.O. Box 134 Address \_\_\_\_\_  
Pullman WV, 26421

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

Received  
Office of Oil & Gas  
OCT 27 2014

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

Work order approved by inspector Michael Goff Date 10/20/2014

# Plugging Work Order for Permit 47-095-01429 P

## CNX Gas - Well 10258

1. Verify 4-1/2" casing TD (~2280'). TIH w 2-3/8" EUE to TD. Establish circulation.
2. Pump cement plug from TD to 2140'. 6% gel to 1954'.
3. Pull 2-3/8" EUE to 1954'.
4. Pump cement plug from 1964' to 1730'. 6% gel to 1120'
5. TOH w 2-3/8" EUE. Wait on cement before pulling 4-1/2".
6. Free point, cut, 4-1/2" casing at 1120'.
7. Pull 4-1/2" up 2 feet.
8. Pump cement plug from 1120' to 972' (csg cut, elev, 8-5/8). 6% gel 972' to 300'.
9. Pull 4-1/2" to 300'.
10. Pump cement plug 300' to surface.
11. TOH with 4-1/2", and top off cement to surface.
12. Install 6" x 14' monument (10' below grade) API 47-095-01429

Work Order approved by Inspector

Michael Doff

Date: 10/20/2014

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

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Office of Oil & Gas

OCT 27 2014

State of West Virginia  
DEPARTMENT OF ENERGY  
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: GEIGEL, NAOMI WIDOW Operator Well No.: GEIGEL #3

LOCATION: Elevation: 813.00 Quadrangle: PENNSBORO

District: MEADE County: TYLER  
Latitude: 8400 Feet South of 39 Deg. 22Min. 30 Sec.  
Longitude 10910 Feet West of 80 Deg. 57 Min. 30 Sec.

Company: CHESTERFIELD ENERGY CORP.  
203 WEST MAIN STREET  
CLARKSBURG, WV 26301-0000

Agent: SAMUEL J. CANN

Inspector: GLEN P. ROBINSON  
Permit Issued: 09/17/90  
Well work Commenced: 9/25/90  
Well work Completed: 9/28/90  
Verbal Plugging \_\_\_\_\_  
Permission granted on: \_\_\_\_\_  
Rotary XX Cable \_\_\_\_\_ Rig \_\_\_\_\_  
Total Depth (feet) 2351  
Fresh water depths (ft) 50', 230'  
Salt water depths (ft) None

Is coal being mined in area (Y/N)? N  
Coal Depths (ft): \_\_\_\_\_

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 5/8		1022'	275 sks
4 1/2		2295	190 sks
			CT case, 1220

OPEN FLOW DATA

Producing formation Weir Pay zone depth (ft) 2190'-2230'  
Gas: Initial open flow 90 MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 133 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests 72 Hours  
Static rock Pressure 800 psig (surface pressure) after 48 Hours

Second producing formation Injun Pay zone depth (ft) 1780'-1914'  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

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

For: Samuel J. Cann  
CHESTERFIELD ENERGY CORP.

By: Samuel J. Cann  
Date: October 16, 1990

Frac Info:

Weir      5,000# 80/100 Sand  
           30,000# 20/40 Sand  
           389 BLS Water

Injun     6,000# 80/100 Sand  
           40,000# 20/40 Sand  
           505 BLS Water

Clay	0	15	1" stream Water @ 50'
Sand & Shale	15	102	230' - 1" stream water
Red Rock & Shale	102	120	
Sand & Shale	120	370	
Red Rock & Shale	370	723	
Sand & Shale	723	921	
Sand	921	1298	
Sand & Shale	1298	1514	Gas Ck @ 1488' No Show
Sand	1514	1695	Gas Ck @ 1857' 40/10-2" w/w
Big Lime	1695	1780	Gas Ck @ 2133' 14/10-2" w/w
Injun	1780	1914	Gas Ck @ TD 6/10-2" w/w
Sand & Shale	1914	2190	
Weir	2190	2230	
Shale	2230	2351	
Loggers TD	2351		

Attachment – Form WW-4B:

**Potential Plugging Contractors:**

Waco Oil & Gas  
P.O. Box 397  
Glennville, WV 26351

Viking Well Service  
8113 Sissonville Drive  
Sissonville, WV 25320

Stalnaker Energy  
220 West Main Street  
Glennville, WV 26351

Contractor Services Inc.  
929 Charleston Road  
Spencer, WV 25276

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

**Received**  
**Office of Oil & Gas**  
**OCT 27 2014**

9501429A

WW-4A  
Revised 6-07

1) Date: 10/22/14  
2) Operator's Well Number 10258

3) API Well No.: 47 - 095 - 01429

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

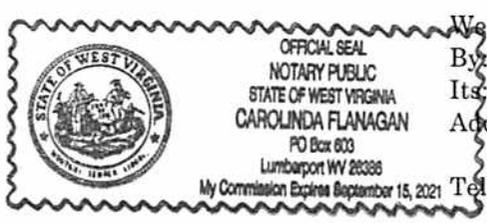
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Stephanie Jean Giegel</u>	Name <u>None of Declaration</u>
Address <u>194 Hall Drive</u>	Address _____
<u>Wadsworth, OH 44281</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Stephanie Jean Giegel</u>
_____	Address <u>194 Hall Drive</u>
(c) Name _____	<u>Wadsworth, OH 44281</u>
Address _____	Name _____
_____	Address _____
6) Inspector <u>Michael Goff</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 134</u>	Name <u>None of Declaration</u>
<u>Pullman, WV 26421</u>	Address _____
Telephone <u>304-594-9823</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 Matt Imrich  
 Its Designated Agent - District Operations Superintendent, WV Gas Operations  
 Address P.O. Box 1248  
Jane Lew, WV 26378  
 Telephone 304-884-2131 - Kelly Eddy, Permitting Supervisor

Subscribed and sworn before me this 22nd day of OCT. 2014  
Carolinda Flanagan Notary Public  
 My Commission Expires 9/15/2021

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Office of Oil & Gas  
OCT 27 2014

**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).

9501429P

**U.S. Postal Service™**  
**CERTIFIED MAIL® RECEIPT**  
*Domestic Mail Only*

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

**OFFICIAL USE**

7014 1820 0001 7038 2048

Postage	\$ 1.82
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 7.82</b>



**Sent To** **Stephanie Jean Giegel**  
**194 Hall Drive**  
**Wadsworth, OH 44281**  
**P&A Well 10258**  
**Surface & Coal Owner**

9501429P

WW-9  
Rev. 5/08

Page 1 of 2  
API Number 47 - 095 - 01429  
Operator's Well No. 10258

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 Brush Run Quadrangle Pennsboro

Elevation 818.60' County Tyler District Meade

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

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Office of Oil & Gas

OCT 27 2014

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

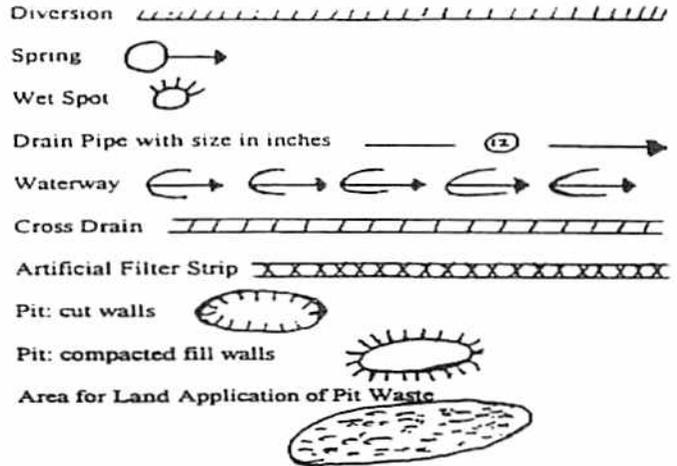
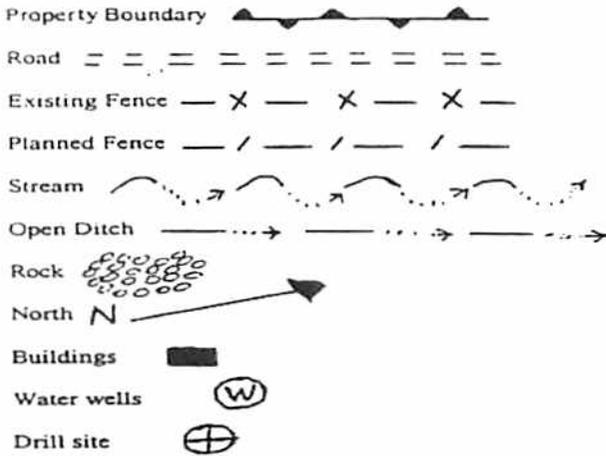
Subscribed and sworn before me this 22<sup>ND</sup> day of OCT., 2014

Carolinda Flanagan

My commission expires 9/15/2021



LEGEND



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

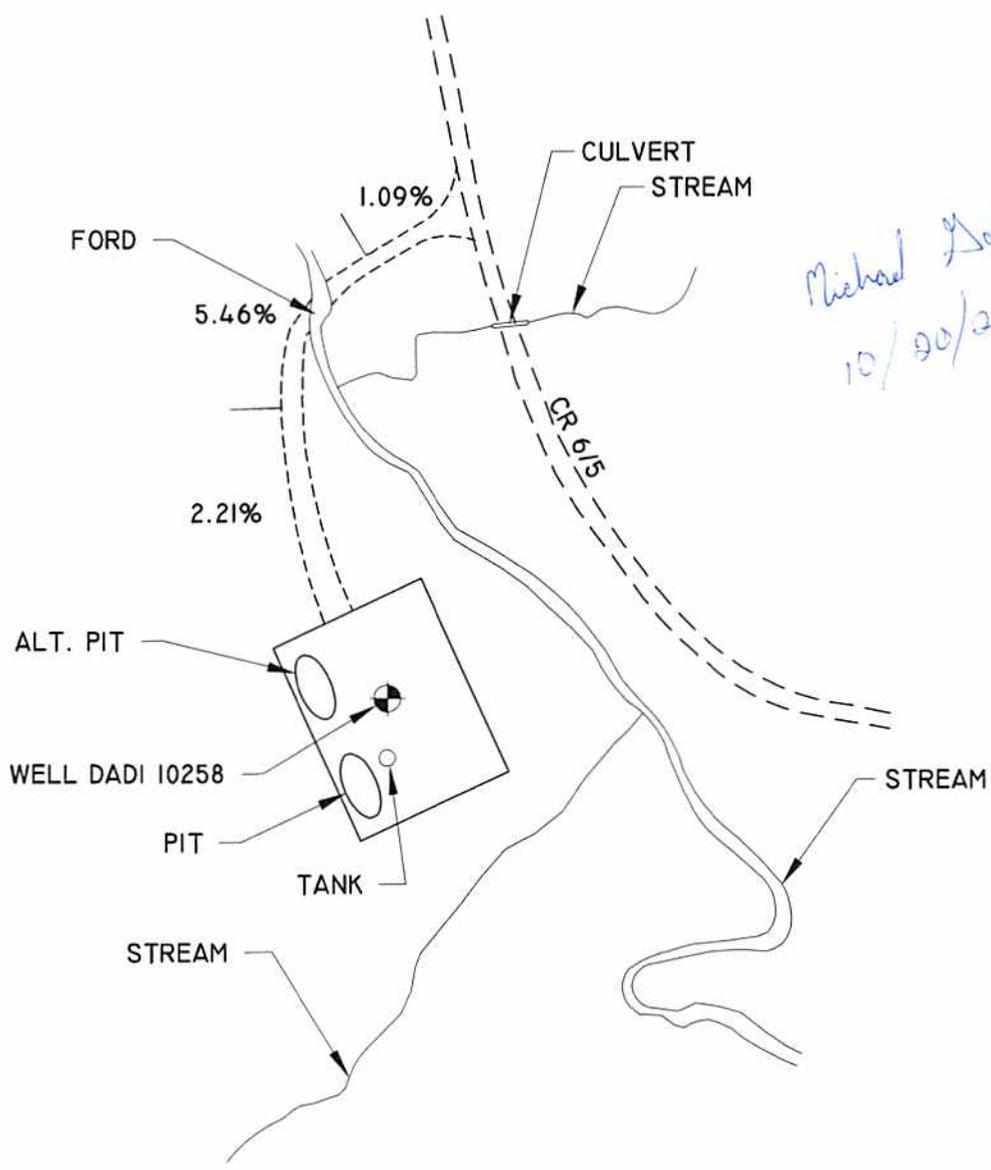
Attach:  
 Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

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 Office of Oil & Gas  
 OCT 27 2014

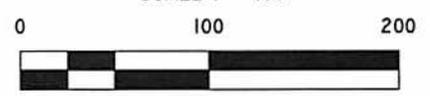
Plan Approved by: Michael Laff  
 Comments: Preseed & mulch any disturbed areas.

Title: Oil & Gas Inspector Date: 10/20/2014  
 Field Reviewed?  Yes  No



*Michael Doff  
10/20/2014*

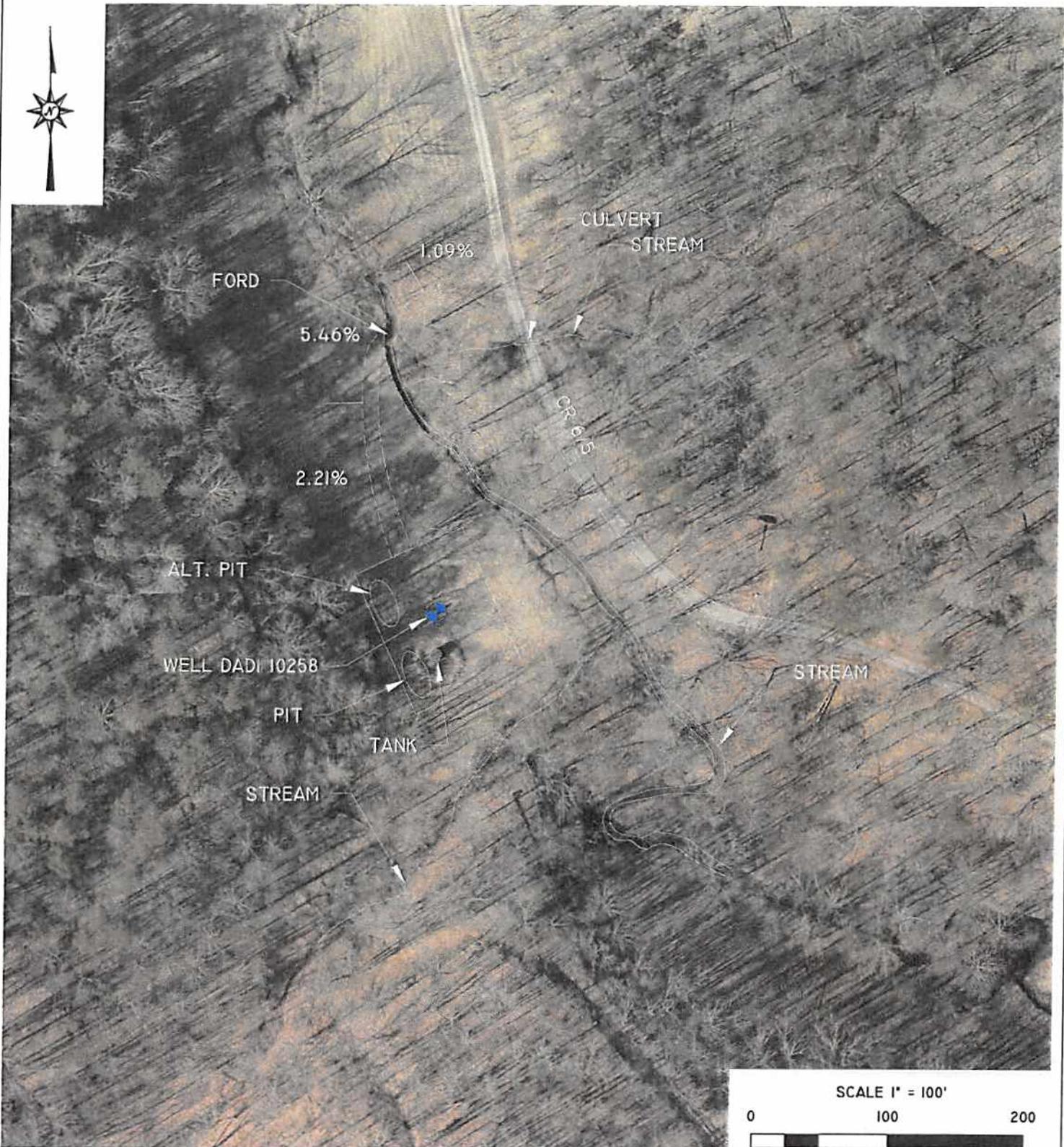
SCALE 1" = 100'



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.

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

DRAWINGS TO ACCOMPANY FORM WW-9	
CNX GAS COMPANY LLC P.O. BOX 1248 JANE LEW, WV 26378	
WATERSHED: <u>BRUSH RUN</u>	DISTRICT: <u>MEADE</u> COUNTY: <u>TYLER</u>
QUADRANGLE: <u>PENNSBORO 7.5'</u>	WELL NO.: <u>DADI 10258</u>
DATE: <u>08/05/14</u>	PAGE <u>1</u> OF <u>3</u>



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, WV 26378

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

WATERSHED: BRUSH RUN  
 DISTRICT: MEADE COUNTY: TYLER  
 QUADRANGLE: PENNSBORO 7.5' WELL NO.: DADI 10258  
 DATE: 08/05/14 PAGE 2 OF 3

9501#29 P



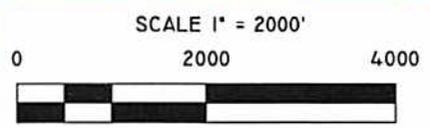
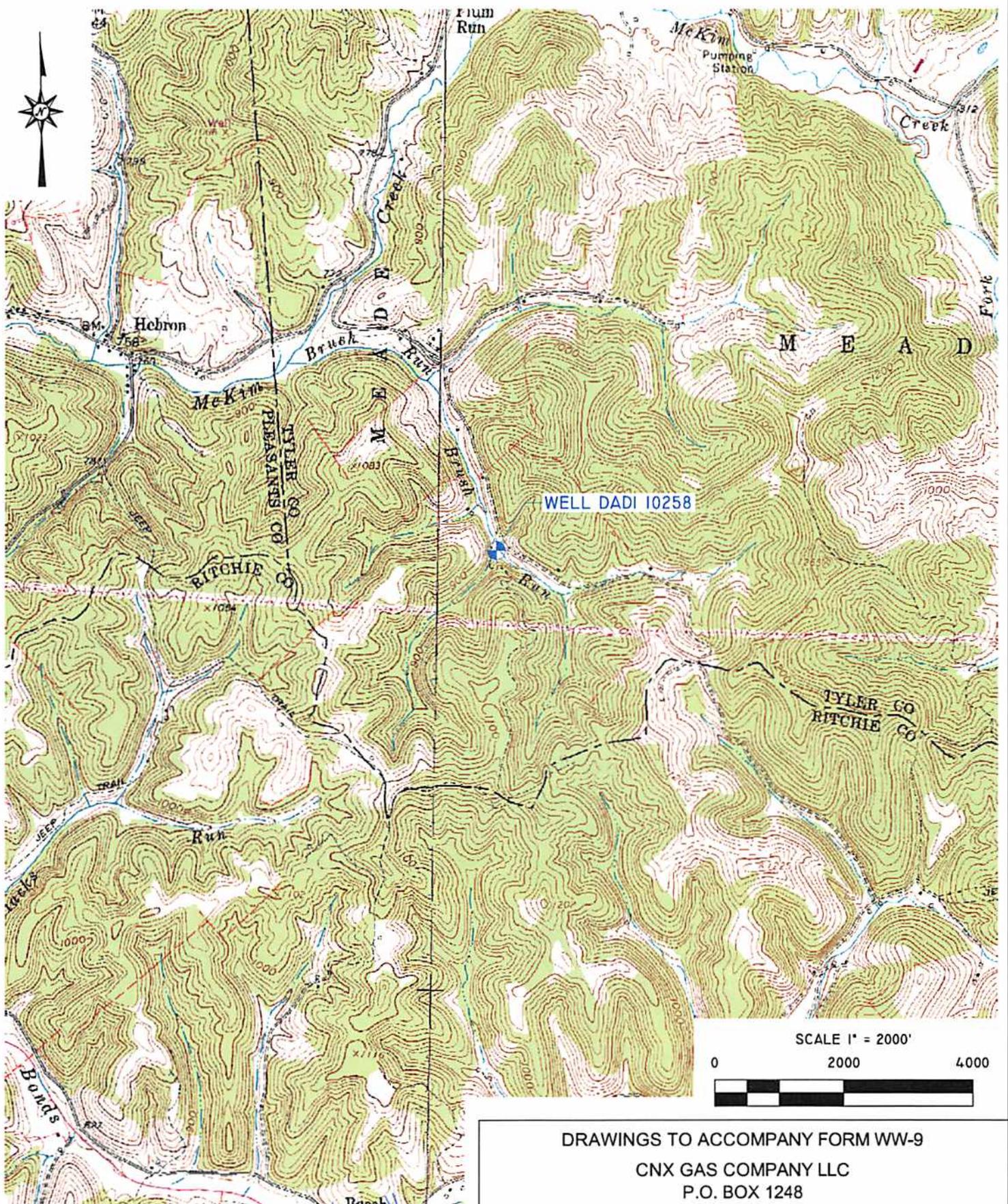
11023 Mason Dixon Hwy, Burton WV 26562-9656  
Phone: (304) 662-6486

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

August 1, 2014

**DRIVING DIRECTIONS FOR DADI 10258**

From the junction of County Route 5 (Freeland-Hebron Road) and County Route 3/2 (Plum Run Road), travel East 0.7 miles on County Route 3/2. Turn right onto County Route 6/5 (Brush Run Road) and travel 0.4 miles to a slight right. Stay on County Route 6/5 for another 0.6 miles to well road on right.



DRAWINGS TO ACCOMPANY FORM WW-9  
 CNX GAS COMPANY LLC  
 P.O. BOX 1248  
 JANE LEW, WV 26378

WATERSHED: BRUSH RUN  
 DISTRICT: MEADE COUNTY: TYLER  
 QUADRANGLE: PENNSBORO 7.5' WELL NO.: DADI 10258  
 DATE: 08/05/14 PAGE 3 OF 3

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

*Michael Jeff*  
 10/30/2014

95 01429 P

WW-7  
8-30-06



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

API: 047-095-01429 WELL NO.: DADI 10258

FARM NAME: NAOMI M. GEIGEL, WIDOW

RESPONSIBLE PARTY NAME: CNX GAS COMPANY LLC

COUNTY: TYLER DISTRICT: MEADE 4

QUADRANGLE: PENNSBORO 7.5 MIN. 539

SURFACE OWNER: NAOMI M. GEIGEL, WIDOW

ROYALTY OWNER: NAOMI M. GEIGEL, ET AL

UTM GPS NORTHING: 4355811.573 METERS

UTM GPS EASTING: 500296.605 METERS GPS ELEVATION: 249.51 METERS

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

8-8-2014  
Date



Received  
Office of Oil & Gas  
OCT 27 2014

CNX USE: NAD27 WV NORTH SPC - N:313720.861' E:1576762.947' ELEV:818.60'



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



October 22, 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: 10258**

To Whom it May Concern,

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

- 10258 – API #47-095-01429

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

Received  
Office of Oil & Gas

OCT 27 2014