



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 22, 2013

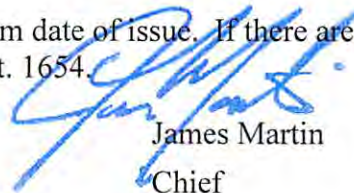
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-4901623, 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: 4D3
Farm Name: WADE, RICHARD H.
API Well Number: 47-4901623
Permit Type: Plugging
Date Issued: 10/22/2013

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.

4901623P

WW-48
(Rev. 6-07)

1) Date: September 3, 2013
2) Operator's Well Number 4-D-3
3) API Well No.: 47 - 049 - 01623
State County Permit

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

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 1275.52' Watershed Left of fork Campbell Run
District Mannington County Marion Quadrangle Hundred, WV-PA
04 49 7.5' 403

6) Well Operator CNX Gas Company LLC
Address 200 Evergreene Dr.
Waynesburg, PA 15370

7) Designated Agent Jeremy Jones
Address 1 Dominion Drive
Jane Lew, WV 26378

8) Oil and Gas Inspector to be notified
Name Bill Hendershot
Address 403 James Street
Mannington, WV 26582

9) Plugging Contractor
Name Daybrook Development Corp
Address 2656 Daybrook Rd
Fairview, WV 26570-8592

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

Degas hole plugging to include pulling a minimum 150% of the casing string weight, perforations of any remaining casing at 100' intervals, thixotropic cement from attainable bottom to 100' above the highest mineable coal seam with expandable cement placed from the top of the thixotropic to the surface. All degas plugging work shall comply with WV Code Chapter 22 Article 6.

SET MONUMENT W/ API No.

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Office of Oil and Gas

OCT 04 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 Hendershot

Date

9-25-13
10/25/2013

WV Department of
Environmental Protection

GENE D YOST & SON, INC
WELL NUMBER 403 Dogoo
MINE Loveridge
DATE STARTED 4-16-05
DATE COMPLETED 4-20-05

T.D. OF HOLE: 1015'

CASING IN HOLE: 198' Slotted 7"
827' Standard 7"

CEMENT OR GEL: _____ SKS. BEN SEAL
110 SKS.

12 GAL. E-7. MUD

COMMENTS:

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Office of Oil and Gas

OCT 04 2013

WV Department of
Environmental Protection
10/25/2013

49016238

WW-4A
(Rev. 6-07)

1) Date: September 23, 2013
2) Operator's Well Number 4-D-3
3) API Well No.: 47 - 049 - 01623
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Richard H. Wade</u> ✓	Name <u>Consolidation Coal Company</u> ✓
Address <u>117 Circle Drive</u>	Address <u>1000 Consol Energy Drive</u>
<u>Fairmont, WV 26554</u>	<u>Canonsburg, PA 15317</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Consolidation Coal Company</u> ✓
(c) Name _____	Address <u>1000 Consol Energy Drive</u>
Address _____	<u>Canonsburg, PA 15317</u>
6) Inspector <u>Bill Hendershot</u> ✓	(c) Coal Lessee with Declaration
Address <u>403 James Street</u>	Name _____
<u>Mannington, WV 26582</u>	Address _____
Telephone _____	_____

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT: 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 play (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 reverse 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 the 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 register 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.

Commonwealth of Pennsylvania
County of Greene

Well Operator	<u>CNX Gas Company LLC</u>
By:	<u>Sarah Baughman</u> ✓
Its:	<u>Supervisor of Permitting</u>
Address	<u>200 Evergreene Drive</u>
	<u>Waynesburg, PA 15370</u>
Telephone	<u>724-627-1229</u>

Subscribed and sworn before me this 23rd day of September, 2013
Lori L Walker Notary Public

My Commission Expires _____
COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Lori L. Walker, Notary Public
Richhill Twp., Greene County
My Commission Expires Feb. 23, 2015
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

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 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 Officer at depprivacyofficer@wv.gov

RECEIVED
Office of Oil and Gas
September 24, 2013
WV Department of
Environmental Protection
10/25/2013

WW-4B

API No.	<u>47-049-01623</u>
Farm Name	_____
Well No.	<u>4-D-3</u>

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator names on the obverse side of the 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 and Gas.

This notice and application is given to you in order that your respective representative 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 t the issuance of this plugging permit.

WAIVER

The undersigned coal operator X / owner X / 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.

Rome Naud _____ Date 9-23-13
Signature

RECEIVED
Consolidation (and) Office of Oil and Gas
By Rome Naud
Its Asst _____
OCT 04 2013

WV Department of
Environmental Protection

10/25/2013

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 Left fork of Campbell Run Quadrangle Hundred

Elevation 1275.52' County Marion District Mannington

Description of anticipated Pit Waste: N/A - will use mud trucks to contain all drilling muds

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain no pits)

Proposed Work For Which Pit Will Be Used:

- Drilling
- Swabbing
- Workover
- Plugging
- Other (Explain no pits)

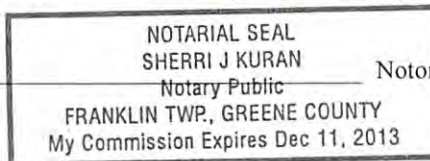
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations 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 *Sarah Baughman*
Company Official (Typed Name) Sarah Baughman
Company Official Title Supervisor- Permitting

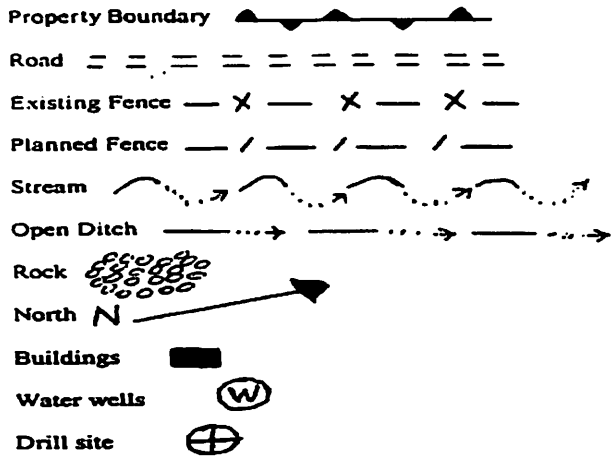
Subscribed and sworn before me this 3rd day of October, 20 13

Sherril Kuran

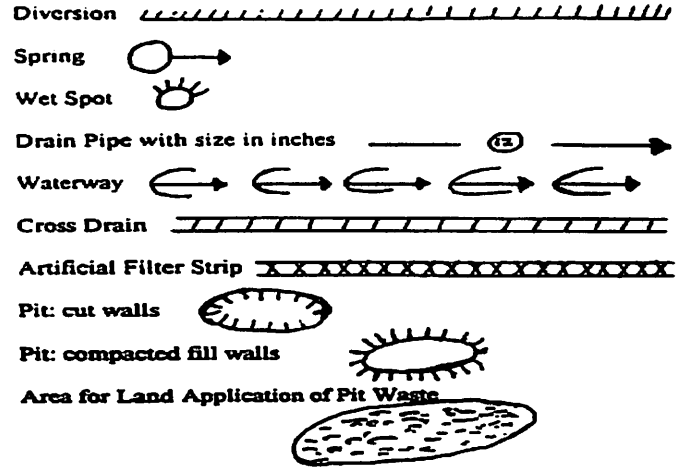


My commission expires _____

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WV Department of Environmental Protection
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10/25/2013



LEGEND



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

Lime 2-3 Tons/acre or to correct to pH _____

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

Mulch hay or straw 2 Tons/acre

Seed Mixtures

Seed Type	Area I	lbs/acre
Tall Fescue		40
Landino Clover		5

Seed Type	Area II	lbs/acre
Tall Fescue		40
Landino Clover		5

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: _____

Comments: _____

Title: _____

Date: _____

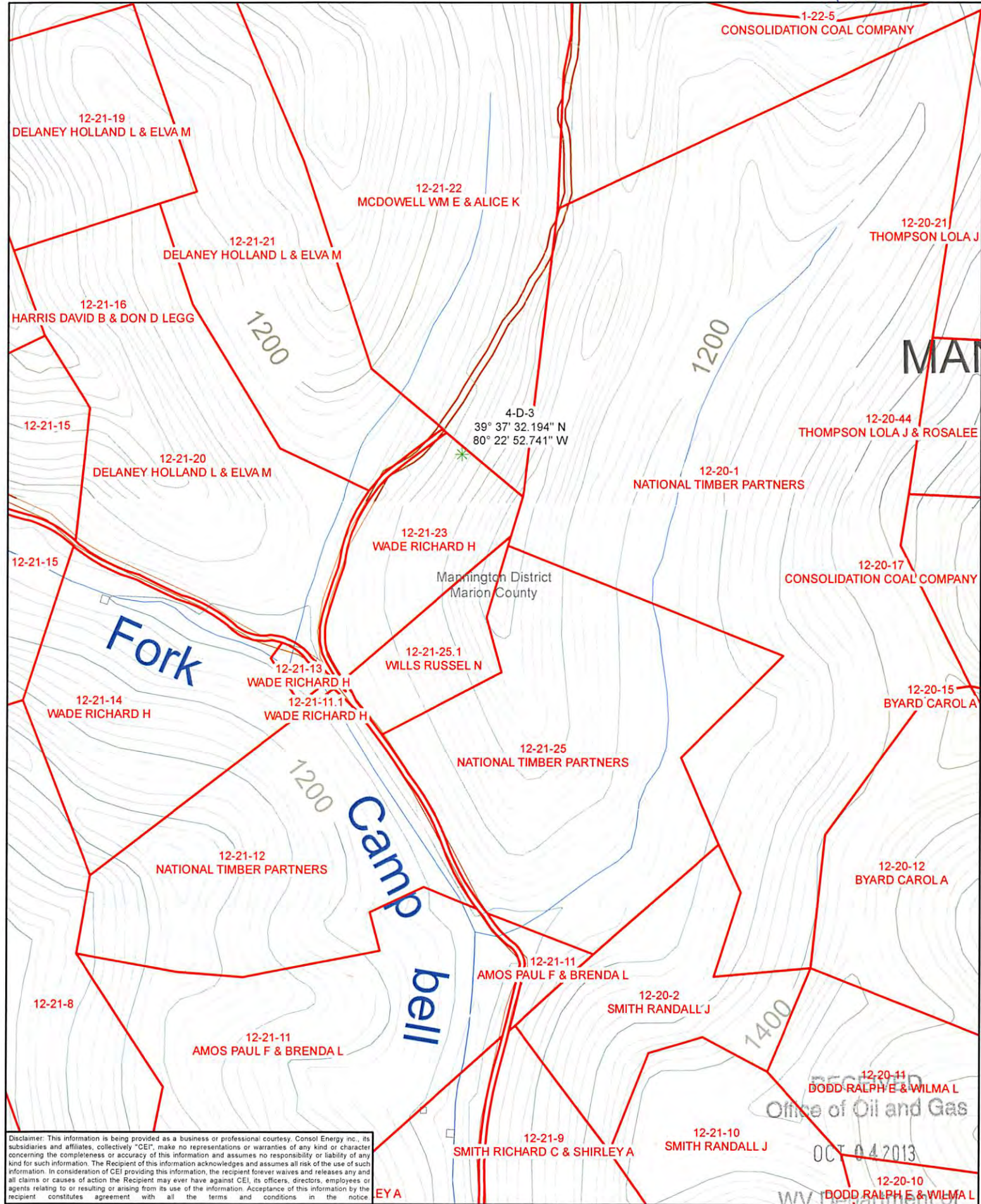
Field Reviewed? () Yes () No

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WV Department of
Environmental Protection
10/25/2013

4901623 P



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Legend

- GOB Well
- Surface Property
- District / County



Date: 7/10/2013		Prepared By: K. McCartney	
Revisions:		Approved By:	
<small>This map is property of CONSOL Energy Inc. and contains information that is proprietary and confidential in nature and may not be copied or reproduced without prior written consent.</small>			

Office of Oil and Gas
 OCT 04 2013
 WV DEPARTMENT OF ENVIRONMENTAL PROTECTION

CONSOL ENERGY
 Environmental Protection
 GOB Well Location Map
 Well 4-D-3 for Plugging
 Loveridge Project Area

LATITUDE 39°40'00"

LONGITUDE 80°22'30"



CONSOLIDATION COAL COMPANY

DOGWOOD

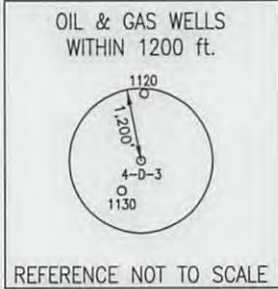
CONSOLIDATION COAL COMPANY

CHESTNUT

W.O.

HOLLAND L & ELVA M DELANEY

RICHARD H. WADE
TM/PAR 12-21/22
105.58 AC ±



NOTE:

It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.



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

RICHARD H WADE

THOMAS URAM & ANNETTE M BALLEW

WELL LOCATION	
UTM 17-NAD83	
N:4386396.72	
E:553116.08	
NAD83, WV NORTH	
N:411225.72	
E:1720322.67	
LAT/LOG DATUM-WGS84	
LAT:39°37'32.48"	
LON:80°22'51.98"	

COORDINATES:
1,920' WEST
14,935' SOUTH

FILE #: 4-D-3
 DRAWING #: 4-D-3
 SCALE: 1" = 600'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed:

R.P.E.:

L.L.S.: P.S. No. 2000



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304



DATE: JULY 29, 2013

OPERATOR'S WELL #: 4-D-3

API WELL #: 47 049 01623C P
 STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: LEFT FORK OF CAMPBELL RUN ELEVATION: 1275.52

COUNTY/DISTRICT: MARION / MANNINGTON QUADRANGLE: HUNDRED, WV-PA 7.5'

SURFACE OWNER: RICHARD H. WADE ACREAGE: 105.58±

OIL & GAS ROYALTY OWNER: CONSOLIDATION COAL COMPANY, ET. AL. ACREAGE: 105.58±

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY):

TARGET FORMATION: PITTSBURGH ESTIMATED DEPTH: 1015'

WELL OPERATOR CNX GAS COMPANY LLC DESIGNATED AGENT JEREMY JONES
 Address 200 EVERGREENE Dr. Address 1 DOMINION DRIVE
 City WAYNESBURG State PA Zip Code 15370 City JANE LEW State WV Zip Code 26378

10/25/2013



Sarah Baughman
Permitting Supervisor
200 Evergreene Drive
Waynesburg, PA 15370
(724) 627-1229



August 1, 2013

West Virginia Department of Environmental Protection
Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304

Plugging Permit Application – Well “4-D-3”

Dear Sir or Madam,

Enclosed is the plugging permit application for the above referenced CBM well.

If any further information or correspondence is required, please contact me at (724)627-1229 or SarahBaughman@consolenergy.com.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Sarah Baughman', written over the printed name.

Sarah Baughman

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Office of Oil and Gas

OCT 04 2013

WV Department of
Environmental Protection

10/25/2013