



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Jim Justice , Governor
Austin Caperton , Cabinet Secretary
www.dep.wv.gov

Monday, August 07, 2017
WELL WORK PERMIT
Coal Bed Methane Well / Plugging

CNX GAS COMPANY LLC
POST OFFICE BOX 1248

JANE LEW, WV 263786506

Re: Permit approval for L-51
47-061-01461-00-00

This well work permit 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 any additional specific 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.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief



Operator's Well Number: L-51
Farm Name: SHRIVER, JACK, ETAL
U.S. WELL NUMBER: 47-061-01461-00-00
Coal Bed Methane Well / Plugging
Date Issued: 8/7/2017

Promoting a healthy environment.

08/11/2017

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

1) Date _____, 2017
2) Operator's
Well No. L51
3) API Well No. 47-061 - 01461

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 1215.44 Watershed West Virginia Fork
District Battelle County Monongalia Quadrangle Wadestown

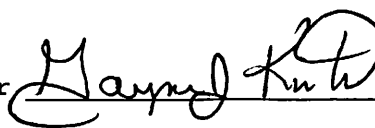
6) Well Operator CNX Gas Company, LLC 7) Designated Agent Christopher Turner
Address 1000 Consol Energy Drive Address P.O. Box 1248
Canonsburg, PA 15317 Jane Lew, WV 26378

8) Oil and Gas Inspector to be notified Name Gayne J Knitowski
Address P.O. Box 108
Gormanian WV 26720
9) Plugging Contractor Name Coastal Drilling East LLC
Address 70 Gums Springs Road
Morgantown, WV 26508

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

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

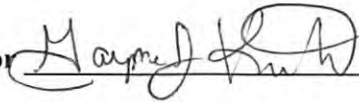
Work order approved by inspector  Date 7/6/2017

Plugging Work Order for Shriver L-51**API Number 47-061-01461****Elevation 1214'****Original Permit Issued- 12/3/2002**

TD 952'

1. Verify TD and casing volume (~940')
2. Set CIBP at lowest attainable depth (Stay above slotted liner if present)
3. ~~Grout from surface (~185sks)~~
4. Install 6" x 14' monument (10' below grade, 4' above grade) API 47-061-01461

Work Order approved by Inspector



Date: 7/6/2017

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

3. TIH WITH WORK STRING OF TUBING AND PUMP CLASS A CEMENT WITH NO MORE THAN 3% CaCl_2 FROM TOP OF CIBP TO SURFACE.

JWH

★ REMOVE FREE CASING.

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6101461CP

WR-35

DATE: September 2, 2004
API#: 47-6101461

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

Well Operator's Report of Well Work

Farm Name: Shriver, Jack, Etal Operator Well No.: L-51

LOCATION: Elevation: 1214 Quadrangle: Wadestown

District: Battelle County: Monongalia
Latitude: 14441.6 Feet South of 39 Deg. 40 Min. 00 Sec.
Longitude: 2119.7 Feet West of 80 Deg. 20 Min. 00 Sec.

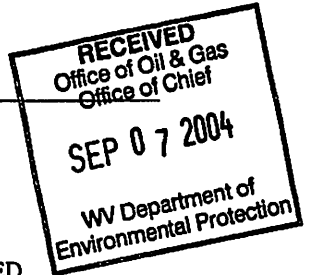
Company: CNX Gas Company LLC (North)

	Casing & Tubing	Used In Drilling	Left In Well	Cement Fill Up Cu. Ft.
Address: 1800 Washington Road Pittsburgh, PA 15241				
Agent: Edwin Merrifield				
Inspector: Steve Mossor				
Date Permit Issued: 12/03/2002				
Date Well Work Commenced: Existing Borehole				
Date Well Work Completed: Converted to well				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Depth (feet): 952				
Fresh Water Depth (ft.):				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 942				

OPEN FLOW DATA

Producing formation Pittsburgh Coal Seam Pay zone depth (ft) 942
Gas: Initial open flow 105 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 105 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 0 Hours
Static rock pressure 1 psig (surface pressure) after - Hours

Second producing formation None 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



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.

Signed: Joseph P. Aman
By: Joseph P. Aman
Date: September 2, 2004

08/11/2017

2
Issue

61-01461CP

Gob

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
COALBED METHANE PERMIT APPLICATION

1) Well Operator: CNX Gas Company, LLC (North) 2) Well Name St. Leo Gob Well No. L-51

3) Operator's Well Number L-51 4) Elevation 1214'

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

6) Proposed Target Formation(s): Pittsburgh Coal Seam Mine Methane

7) Proposed Total Depth: 952 feet

8) Approximate Fresh Water Strata Depths: Not known

9) Approximate Salt Water Depths: Not known

10) Approximate Coal Seam Depths: Pittsburgh @ 942'

11) Does Land Contain Coal Seams Tributary to Active Mines? Yes X / No _____ /

12) (a) Proposed Well Work: Convert an existing ventilation borehole (Well No. L-51) to a producing CBM gob well.

(b) If Stimulation Proposed, Describe Means to be Used to Stimulate Well: N/A

13) (a) Does the proposed operation plan to convert an existing well (as defined in W. Va. Code § 22-6-1) or a vertical ventilation hole to a coalbed methane well? Yes X / No _____ /

(b) If yes, please attach to this Application a list of all formations from which production is anticipated and a description of any plans to plug any portion of the well. **Pittsburgh Coal Only Via Existing Casing.**

14) (a) Will the proposed coalbed methane well be completed in some but not all coal seams for production (except for a gob well or vent hole proposed to be converted to a well)?
Yes _____ / No _____ / N/A

(b) If yes, please attach to this Application a plan and design for the well which will protect all workable coal seams which will be penetrated by the well.

15) (a) Does the proposed operation include horizontal drilling of a well commenced on the surface? Yes _____ / No X /

(b) If yes, please attach to this Application a description of such operations, including both the vertical and horizontal alignment and extent of the well from the surface to total depth.



CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For Drilling / Left in Well	
Conductor					
Fresh Water					
Coal					
Intermediate					
Production					
Tubing					
Liners					

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PACKERS:

*See attachment
GCS*

PLEASE SEE ATTACHED WELL REPORT *GK S.M*
11-15-02

For Office of Oil and Gas Use Only

Fee(s) paid:
 Well Work Permit
 Reclamation Fund
 WPCP
 Plat
 WW-9
 WW-5B
 Bond _____
 Agent
 (Type)

CONSOLIDATION COAL COMPANY
1800 WASHINGTON ROAD
PITTSBURGH PA

WELL NUMBER L-51

MINE Loveridge

DATE STARTED Unknown

DATE COMPLETED Unknown

CONTRACTOR Unknown

TOTAL DEPTH OF HOLE 952 (APPROX)
[In Feet]

CASING IN HOLE: SLOTTED 300
[In Feet]

5-INCH 952

4-INCH At Tee (On surface assembly)

PACKER SIZE 5-1/2" - 6-1/4")852635)

CEMENT 300 [SKS]

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Permitting

NOV 13 2002

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COALBED METHANE WELL WORK
PERMIT APPLICATION NOTICE BY PUBLICATION

Notice is hereby given:

Pursuant to West Virginia Code 22-21-9, notice is hereby given that the undersigned well operator-applicant proposes to file a Notice of an Application for a Coalbed Methane Well Permit, a plat or map showing the well location, and (unless the application is to plug a well) a Construction and Reclamation Plan with the Chief of the Office of Oil and Gas of the West Virginia Department of Environmental Protection, with respect to six (6) wells on the surfaces of tracts of land described below:

Name:	<u>J.P.Carper</u>	<u>J.P.Carper</u>	<u>J.P.Carper</u>	<u>J.Shriver</u>	<u>A. Raber</u>	<u>A. Raber</u>
Well:	<u>L-33</u>	<u>L-39</u>	<u>L-46</u>	<u>L-51</u>	<u>L-64</u>	<u>L-65</u>
Acres:	<u>69.25</u>	<u>60.25</u>	<u>60.25</u>	<u>87.75</u>	<u>56.5</u>	<u>56.5</u>
Watershed:	<u>Flat Run</u>	<u>Flat Run</u>	<u>Flat Run</u>	<u>Range Run</u>	<u>Messer Run</u>	<u>Messer Run</u>
District:	<u>Mannington</u>	<u>Mannington</u>	<u>Mannington</u>	<u>Battelle</u>	<u>Mannington</u>	<u>Mannington</u>
County:	<u>Marion</u>	<u>Marion</u>	<u>Marion</u>	<u>Monongalia</u>	<u>Marion</u>	<u>Marion</u>
Access:	<u>Route 13</u>	<u>Route 13</u>	<u>Route 13</u>	<u>Route 9</u>	<u>Route 13</u>	<u>Route 13</u>

The well work for which permits are sought is generally described as follows:
Convert existing ventilation boreholes (6 Wells Listed Above) to producing CBM gob wells.

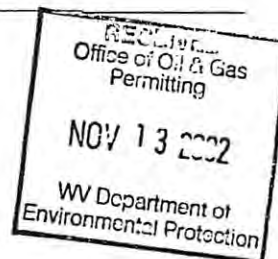
This publication may be the only notice that surface, gas, coal; and coalbed methane owners of record will receive.

Pursuant to West Virginia Code 22-21-10, (1) The owners of record of the surface of the tract on which the coalbed methane well is to be located; (2) The owners of record of the surface of any tract which is to be utilized for roads or other land disturbance; (3) Each coal owner and each coal operator (i) from whom a consent and agreement provided for in 22-21-7 is required, or (ii) whose coal seam will be penetrated by the proposed coalbed methane well or is within seven hundred fifty feet of any portion of the well bore; and (4) Each owner and lessee of record and each operator of natural gas surrounding the well bore and existing in formations above the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whichever is shallower. may file comments with the chief as to the location or construction of the applicant's proposed well within fifteen days after the application is filed with the chief.

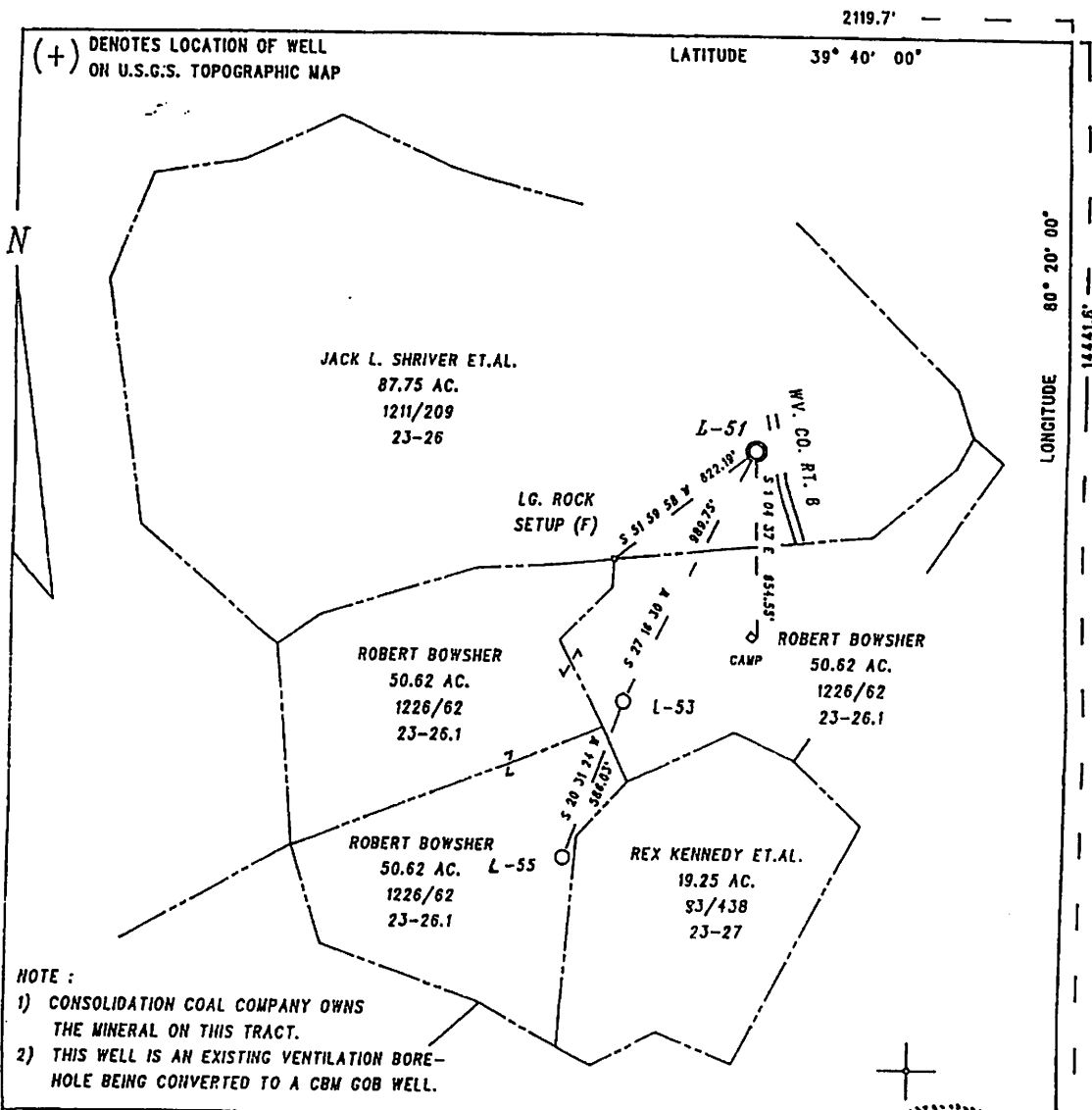
Pursuant to West Virginia Code 22-21-11 the owner or operator of any coal seam whose interests may be adversely affected by a coalbed methane well may, within fifteen days after the applications are filed with the chief, file objections in writing to such proposed drilling with the chief, setting out the grounds on which such objections are based.

Copies of the Notice and Application and accompanying documents may be obtained from the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, 1356 Hansford Street, Charleston, WV 26101 (Telephone (304)558-6342).

WELL OPERATOR-APPLICANT CNX Gas Company, LLC (North)
ADDRESS 1800 Washington Road, Pittsburgh, PA 15241
TELEPHONE (412) 831-4566



6101461C



FILE NO. 02-HH-01
DRAWN BY: R.A. KITZMILLER
SCALE: 1" = 500'
MIN. DEGREE OF ACCURACY 1/200"
PROVEN SOURCE OF ELEVATION:
SPOT ELEVATION

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 DIVISION OF ENVIRONMENTAL PROTECTION.

(SIGNED) *Robert A. Kitzmiller*
Professional Surveyor No. 835



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WV. DEPT. OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS DIVISION
1356 HANSFORD STREET
CHARLESTON, WV. 25301

DATE FEBRUARY 11, 20 02
OPERATOR'S WELL NO. L-51
API WELL NO.
47 - 061 - 01461C
STATE COUNTY PERMIT NO.

WELL TYPE: OIL GAS CBM LIQUID INJECTION WASTE DISPOSAL
IF "GAS", PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1214' WATERSHED RANGE RUN OF WEST VIRGINIA FORK OF DUNKARD CREEK
DISTRICT BATTELLE COUNTY MONONGALIA
QUADRANGLE WADESTOWN NEAREST TOWN SAINT LEO

SURFACE OWNER JACK SHRIVER ET.AL. ACREAGE 87 3/4 AC.
OIL & GAS ROYALTY OWNER See Note LEASE ACREAGE ---

LEASE NO. ---

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION
OTHER PHYSICAL CHANGE IN WELL (SPECIFY) EXISTING VENTILATION BOREHOLE BEING CONVERTED
PLUG AND ABANDON CLEAN OUT AND REPLUG TO GOB WELL.

TARGET FORMATION PITTSBURGH ESTIMATED DEPTH 952'

WELL OPERATOR CNX GAS COMPANY LLC. (NORTH) DESIGNATED AGENT EDWIN L. MERRIFIELD
ADDRESS 1800 WASHINGTON ROAD ADDRESS 116 1/2 HUNSAKER STREET
PITTSBURGH, PA. 15421-1421 ADDRESS FAIRMONT, WV. 26554

PRECISION SURVEYS FORM IV-6

MONO COUNTY PERMIT NO. 1461C

08/11/2017

WW-4A
Revised 6-07

1) Date: _____
2) Operator's Well Number
L51 _____
3) API Well No.: 47 - 061 - 01461

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

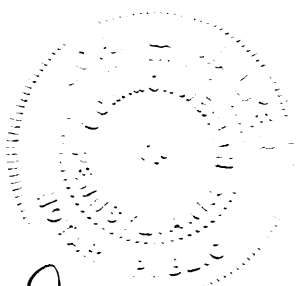
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>JACK L JR & MARY ELLEN SHRIVER & ET AL</u>	Name <u>See Attached.</u>
Address <u>936 IRONWOOD WAY</u>	Address _____
<u>YORK PA 17404-8614</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration <u>RECEIVED</u>
Address _____	Office of Oil and Gas
_____	Name <u>See Attached.</u>
_____	Address _____
(c) Name _____	_____
Address _____	_____
_____	_____
_____	_____
6) Inspector <u>Gayne J Knitowski</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 108</u>	Name <u>See Attached.</u>
<u>Gormanville WV 26720</u>	Address _____
Telephone <u>304-546-8171</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.

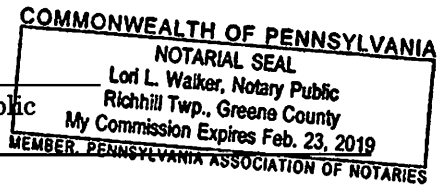
The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

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: Erika Whetstone
 Its: Permitting Supervisor
 Address 1000 Consol Energy Drive
Canonsburg, PA 15370
 Telephone (724) 485-4035

Subscribed and sworn before me this 9th day of June 2017
Lori L. Walker Notary Public
 My Commission Expires February 23, 2019



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.

08/11/2017

WW-4A Attachment

Shriver L-51 API# 47-061-01461 CP

Coal Operator:

ERP Federal Mining Complex, LLC
P. O. Box 87
Natural Ridge, VA 24578

Coal Owner(s):

ERP Federal Mining Complex, LLC
P. O. Box 87
Natural Ridge, VA 24578

Curtis Earl Lemley, Jr.
106 Oak Drive
New Cumberland, WV 26047

Shannon Shriver
130 West Park Lane
Cocoa Beach, FL 32931

Robert A. Shriver
P. O. Box 1555
Falling Waters, WV 25419

David B. Shriver
612 Hemlock Lane
Bluemont, VA 20135

Linda L. White
9050 Mason Dixon Highway
Wadestown, WV 26590

Jack Shriver, Jr. and Mary Ellen Shriver, his wife, as joint tenants with right of survivorship
5492 Thoman Drive
Spring Grove, PA 17362

John K. King
10034 Mason Dixon Highway
Burton, WV 26562

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Richard D. Repasky and Julia M. Repasky, husband and wife
2621 Lansdale Dr
Wexford, PA 15090

Daniel J. Nabuda
123 Windgate Dr
Wexford, PA 15090

Kirchgessner Consulting Group, LLC
554 Sangree Rd
Pittsburgh, PA 15237

Glendora King Headley aka Glendora Mae Taylor King
75 Pikeview Drive
Fairmont, WV 26570

Heirs, successors and/or assigns of Tamara J. Milush aka Tammy Milish aka Tami Milush
202 Wadestown Road
Wana, WV 26590

Marguerite S. Temply Eddy aka Margie Eddy
252 Wadestown Road
Wana, WV 26590

Heirs, successors and/or assigns of Marian Efaw
409 Mary Ellen Street
Mannington, WV 26582

William H. Tennant
514 Jess Tennant Hill
Blacksville, WV 26521-8221

Kimberly J. Sullivan
162 Miracle Run Rd
Fairview, WV 26570-6050

Todd H. Foley
10462 Mason Dixon Highway
Burton, WV 26562-9644

Beth R. Jones
1238 Buckeye Rd
Mt. Morris, PA 15349-1305

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6101461 CP

Coal Lessee:

ERP Federal Mining Complex, LLC
P. O. Box 87
Natural Ridge, VA 24578

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WW-9
(5/16)

API Number 47 - 061 - 01461
Operator's Well No. _____

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name CNX Gas Company, LLC OP Code 494458046

Watershed (HUC 10) West Virginia Fork Quadrangle Wadestown

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes No If so, what ml.? _____

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- 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 will use vacuum trucks, and properly dispose of any fluid or waste returns)

Will closed loop system be used? If so, describe: no

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. na

-If oil based, what type? Synthetic, petroleum, etc. _____

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Additives to be used in drilling medium? na

JUL 13 2017

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. na

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) _____

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-Landfill or offsite name/permit number? _____

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, 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 Erika Whetstone

Company Official (Typed Name) Erika Whetstone

Company Official Title Permitting Supervisor



Subscribed and sworn before me this 9th day of June, 2017

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Lori L. Walker, Notary Public
Richhill Twp., Greene County
My Commission Expires Feb. 23, 2019
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Lori L. Walker
Notary Public
My commission expires February 23, 2019

Operator's Well No. _____

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

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

Fertilizer type 10-20-20 or equivalent

Fertilizer amount 500 lbs/acre

Mulch hay or straw 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Tall Fescue	40	Tall Fescue	40
Landino Clover	5	Landino Clover	5

Attach:
Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

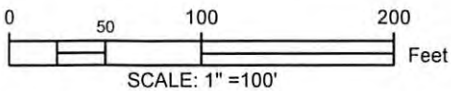
Plan Approved by: Gayme J. Kinter

Comments: Reclaim site ASAP.

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JUL 13 2017
WV Department of
Environmental Protection

Title: INSPECTOR Date: 7/6/2017

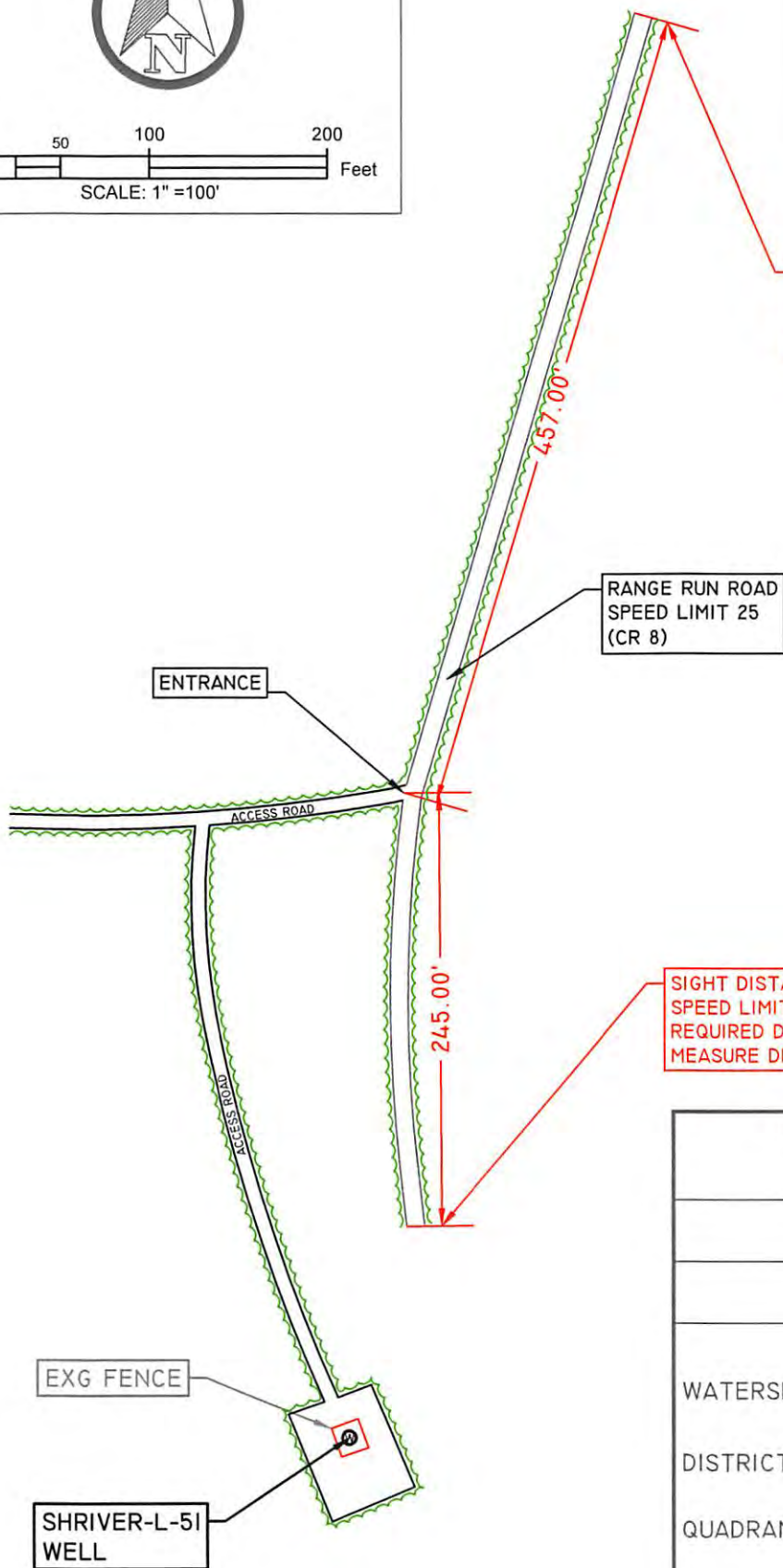
Field Reviewed? Yes No



THIS PLAN IS FOR THE PLUGGING OF AN EXISTING WELL. ENTIRE LENGTH OF ACCESS IS EXISTING WELL ROAD. ROCK WILL BE USED WHERE NECESSARY.

LEGEND

- — — — — - EXISTING ROAD
- ~~~~~ - EXISTING TREE LINE



SIGHT DISTANCE LIMIT
 SPEED LIMIT: 25 MPH
 REQUIRED DISTANCE - 173.0'
 MEASURE DISTANCE - 457.0'

RANGE RUN ROAD
 SPEED LIMIT 25
 (CR 8)

SIGHT DISTANCE LIMIT
 SPEED LIMIT: 25 MPH
 REQUIRED DISTANCE - 173.0'
 MEASURE DISTANCE - 245.0'

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 WV Department of
 Environmental Protection

DRAWINGS TO ACCOMPANY FORM WW-9	
CNX GAS COMPANY, LLC.	
200 HALLAM ROAD	
WASHINGTON, PA 15301	
WATERSHED: <u>WEST VIRGINIA FORK</u>	
DISTRICT: <u>BATTELLE</u>	COUNTY: <u>MONONGALIA</u>
SHRIVER	
QUADRANGLE: <u>WADESTOWN</u>	WELL NO: <u>L-51</u>
DATE: <u>05/23/2017</u>	PAGE <u>1</u> OF <u>2</u>
08/11/2017	



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WV Department of Environmental Protection

LOCATION MAP
WADESTOWN, WV 7.5M USGS QUADRANGLE
SCALE: 1"=2000'



LOCATION MAP

GAS WELL PLUGGING
SHRIVER-L-51 GAS WELL
BATTELLE DISTRICT
MONONGALIA COUNTY, WV

CNX GAS COMPANY, LLC.
200 HALLAM ROAD
WASHINGTON, PA 15301

DRAWN BY: LLF
CHECKED BY: WPF
DATE: 05/23/2017
SCALE: 1"=2000'
WATERSHED:
WEST VIRGINIA FORK
PAGE 2 OF 2

08/11/2017

Blue Mountain Inc.
Engineers and Land Surveyors
Woman Owned Small Business

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

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-061-01461 WELL NO.: L51

FARM NAME: Shriver

RESPONSIBLE PARTY NAME: Erika Whetstone

COUNTY: Monongalia DISTRICT: Battelle

QUADRANGLE: Wadestown

SURFACE OWNER: JACK L JR & MARY ELLEN SHRIVER & ET AL

ROYALTY OWNER: _____

UTM GPS NORTHING: 4,386,539.967 METERS

UTM GPS EASTING: 556,566.272 METERS GPS ELEVATION: 370.466 METERS (1215.1')

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:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- 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.

Erika Whetstone
Signature

Permitting Supervisor
Title

6/9/17
Date

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JUL 13 2017
WV Department of
Environmental Protection