

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

February 24, 2016

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-3301444, 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 penalities 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: WE WV 7032

Farm Name: POTH, SHEILA

API Well Number: 47-3301444

Permit Type: PluggingDate Issued: 02/24/2016

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.

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Kev = 2 11	Coperatories Well No 1032
DEPARTMENT OF EN	WEST VIRGINIA VIRONMENTAL PROTECTION F OIL AND GAS
APPLICATION FOR A PE	RMIT TO PLUG AND ABANDON
1) Well Type Oil _ / Gas x _ / Liqu (II 'Gas, Production X or D	id injection / Waste disposal/ nderground storage Deep/ Shallow }
5) Conetimin Flevenion 1222 ft District Simpson	Watershed Elk Creek - Ann Moore Run County Harrison Quadrangle Clarksburg
Address 1000 CONSOL Energy Drive Canonsburg, PA 15317	Address One Dominion Drive Jane Lew WV 26378
Oil and Gas Inspector to be notified Name Sam Ward	
Address P.O. Box 2327 Buckhannon, WV 26201	Name See Atlached Address

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

Norw order approved by inspector 50 D World#

Date 2/19/2016

Plugging Work Order for Permit 47-033-01444

CNX Gas - Well 7032

- 1. Verify 2" tubing TD (~2511), pump ~50 bbls 6% gel to control well.
- 2. Unseat packer @ 2386' and TOH, if unable to unseat, cut 2" above packer (~2380').
- 3. FOH with old 2" v-thread production tubing.
- 4. TIH w/ 2-3/8" EUE work string.
- 5. Pump bottom cement plug from TD to 2360'.
- 6. TOH w/2-3/8" EUE work string. Wait on cement.
- 7. Attempt to pull 5-3/16" (2300'), if unable to pull
- 8. Free point & split shot collar (~1500'). TOH w/ 5-3/16".
- 9. Attempt to pull 6-5/8" (1512'), if unable to pull,
- 10. Free point & split shot collar (~900'). TOH w/ 6-5/8".
- 11. Perforate remaining easing w/ 2 holes every 50°, from ~2300° to 50°.
- 12. TIH with 2-3/8 EUE work string to new TOC approx. ~2300°.
- 13. Pump cement plug from 2300' to surface in 3 stages.
- 14. TOH with 2-3/8" EUE, and top off cement to surface.
- 15. Install 6" x 14' monument (10' below grade, 4' above grade) API 47-033-01444

Work Order approved by Inspector SPD Whent Date: 2/19/2016

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

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Revised 6-07	

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1) Date: February 18, 2016 2) Operator's Well Number 7032

01444

WV Department of 3) API Well No.: 47 - 033

Environmental Protection STATE OF WEST VIRGINIA

Environmental Protection, OFFICE OF OIL AND G.

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	Bridgeport, WV 2633	30				
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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.

SURFACE OWNER WAIVER

Operator's Well Number

7032

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT. WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

> Chief, Office of Oil and Gas Department of Environmental Protection 601 57th St. SE Charleston, WV 25304 (304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have FIVE (5) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

YOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials. FOR EXECUTION BY A NATURAL PERSON FOR EXECUTION BY A CORPORATION, Date Signature Date

02/26/2016

SURFACE OWNER WAIVER

Operator's Well Number

7032

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

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Signature Signature Othore 2/19/16Name By		ORFORATION,
Ita		Date
	Signature	Date

WW-9 (2/15)

API Number 47 - 633 . 01444 Operator's Well No 1632

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

FLUIDS/ CUTTINGS DISPOSAL & RECL	LAMATION PLAN
Operator Name CNX Gas Company LLC	OP Code 494458046
Watershed (HUC 10) Elk Creek- Ann Moore Run Quadranel	le Clarksburg
Do you anticipate using more than 5,000 bbls of water to complete the proposed Will a pit be used? Yes No	dwellwork? Yes No V
If so, please describe anticipated pit waste N/A	
Will a combatic lines be used to at a second to	If so, what ml.? N/A
Proposed Disposal Method For Treated Pit Wastes	The state of the s
Land Application Underground Injection (UIC Permit Number Reuse (at API Number Off Site Disposal (Supply form WW-9 for disposal to Other (Explain N/A - No pit will be used	Steel pit must be SDW used to catch any 2/19/2016 effluent from Well bore to disposed of properly.
Will closed from restauries and in 15	
Will closed loop system be used? If so describe	
Drilling medium anticipated for this well (vertical and horizontal)? An, freshwar	ier, oil based, etc.
-If oil based, what type? Synthetic, petroleum, etc	
Additives to be used in drilling medium?	
Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc.	
If left in pit and plan to solidify what medium will be used? (cement, br	
-Landfill or offsite name/permit number?	
Permittee shall provide written notice to the Office of Oil and Gas of any load of d West Virginia solid waste facility. The notice shall be provided within 24 hours of where it was properly disposed.	drill cuttings or associated waste rejected at any rejection and the pennittee shall also disclose
I certify that I understand and agree to the terms and conditions of the Gen Augest 1, 2005, by the Office of Oil and Gas of the West Virginia Department of provisions of the permit are enforceable by law. Violations of any term of conditions of the permit are enforcement action. I certify under penalty of law that I have personally examined and am application form and all attachments thereto and that, based on my inquiry of obtaining the information. I believe that the information is true accurate, and epenalties for submitting false information, including the possibility of fine or imprise Company Official Signature. Matthew Hanley Company Official Fitle Manager Gas Permitting. Subscribed and swein before me this. 175 day of Vicinary	of Environmental Protection. Lunderstand that the ition of the general permit and/or other applicable a familiar with the information submitted on this of those individuals immediately responsible for complete. I am aware that there are significant soment.
Village & Jusa	
· My commission expires 10 17 - 12	Notan PublicCOMMONWEALTH OF PENNSYLVANIA Notarial Seal Katherine L. Jursa, Notary Public Ceri: Twp., Washington County My Commission Expires Oct. 29, 2017 KEMBER, PENNSYLVANIA ASSOCIATION OF NOTABLES

Form W. R. O CNX Gas Company LLC

Proposed Revegetation Treatment Acres Disturbed 1

Prevegetation pH

Lime according to pritest Tonspacio of to correct to pil 7.0

Fertilizer type 10-20-20 or Equivalent

Fernitzer amount 500

lbetacre

Maich hay or straw @ 2

Seed Mixtures

Temporary

Permanent

Seec Type Orchard Grass 25 Birdsfoot Trefoil 15

Seet Type Orchard Grass 25

Birdsfoot Trefoil

15

lbs:acre

Ladino Clover 10

Ladino Clover

10

Attach

Drawing(s) of road, location pri and proposed area for land application (anless engineered plans including this info have been provided)

Photocopied section of involved 7.5 topographic sheet.

Plan Approved to

Comments

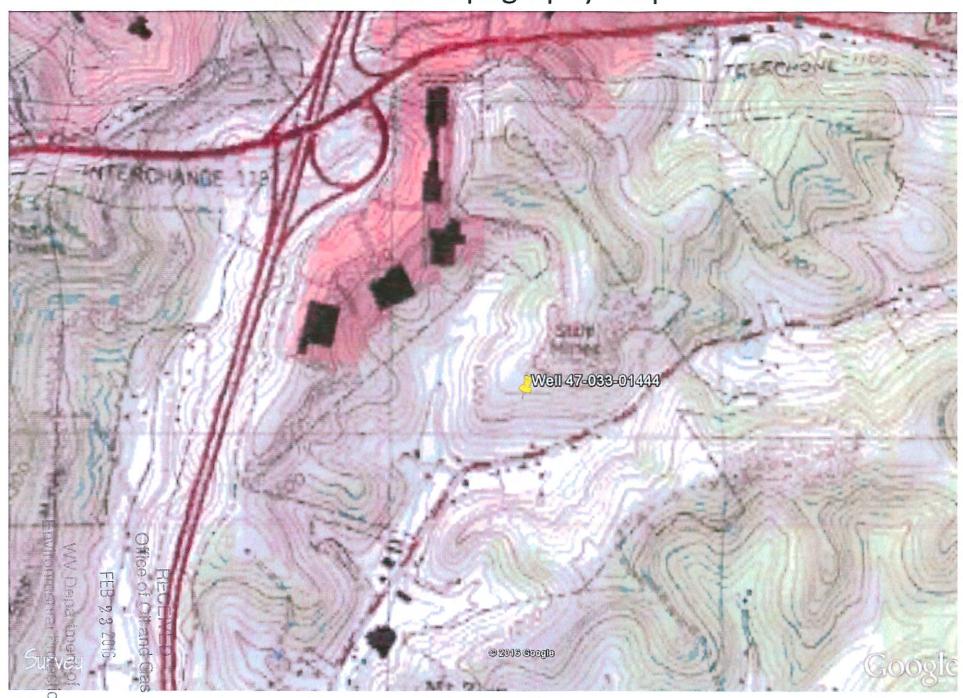
ine 006 Inspector

Date 2/19/2016

Field Reviewed

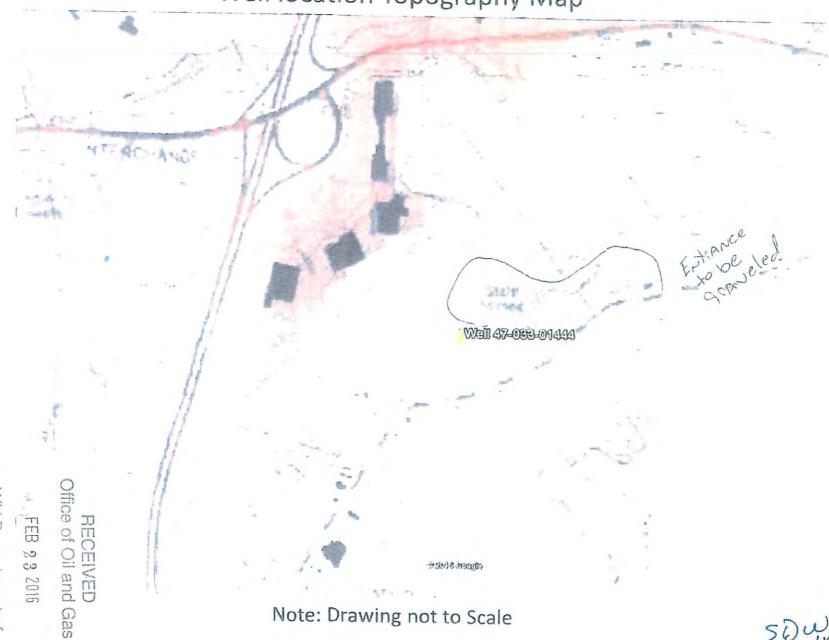
1705

Well location Topography Map



Note: Drawing not to Scale





W/V Department of Environmental Protection

50 W 12016



West Virginia Department of Environmental Protection Office of Oil and Gas

WELL LOCATION FORM: GPS

47-033-01444	
API:	WELL NO.: 7032
FARM NAME: Jason and Sheila	
RESPONSIBLE PARTY NAME: CNX	
COUNTY: Harrison	DISTRICT: Simpson
QUADRANGLE: Clarksburg	
SURFACE OWNER: Jason and Sh	neila Poth
ROYALTY OWNER:	
UTM GPS NORTHING: 85888.2 m	
UTM GPS EASTING: 532990.15 m	GPS ELEVATION: 378.04 m
그리고 하는데 아이에 가는데 하는데 어떻게 하는데 되는데 이번 사람들이 아니라 아니라 아니라 아니는데 아니라 아니라 아니라 아니라 아니라 아니라 아니다.	en to submit GPS coordinates in lieu of ing permit or assigned API number on the
preparing a new well location plat for a pluggi above well. The Office of Oil and Gas will no the following requirements: 1. Datum: NAD 1983, Zone: 17 North height above mean sea level (MSL 2. Accuracy to Datum – 3.05 meters 3. Data Collection Method:	ing permit or assigned API number on the taccept GPS coordinates that do not meet h, Coordinate Units: meters, Altitude:) – meters.
preparing a new well location plat for a pluggi above well. The Office of Oil and Gas will no the following requirements: 1. Datum: NAD 1983, Zone: 17 North height above mean sea level (MSL 2. Accuracy to Datum – 3.05 meters 3. Data Collection Method: Survey grade GPS: Post Processed Data Collection Method:	ing permit or assigned API number on the taccept GPS coordinates that do not meet th, Coordinate Units: meters, Altitude:) – meters. Differential
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CK # 2720000018

Matthew Hanley Manager – Gas Permitting (Southern and Ohio Regions) 1000 CONSOL Energy Drive Canonsburg, PA 15317 (724) 485-3011

February 22, 2016

West Virginia Department of Environmental Protection Office of Oil & Gas Attn: Jeff McLaughlin 601 57th Street, SE Charleston, WV 25304-2345

RE: P&A Well: OP77 Transfer Form

Dear Jeff,

Enclosed, please find the OP 77 Transfer forms and fees for the following well to be transferred from Consol Gas Company to CNX Gas Company LLC:

Well	API#
7032	47-033-01444

Should you need any further information, please contact me at (724) 485-3011 or by email at MattHanley@consolenergy.com. Thank you!

Sincerely,

Matthew Hanley

OP-77 (05-01	1)				Record No
		Departm	State of West V	/irginia ental Protection	Necola No.
			Charleston, WV	25301	
This is to ac	knowledge ti	nat the well: API no.	47-033-	-01444	
District	Harriso	n County/Simp	son Towns	hip	
Well No	WE WV 7	032	Farm name	Poth, Sheila	
Is hereby train	nsferred fron	1:			
The transfero		Company: CON	SOL Gas Comp	pany	
Code #49449	95754	Address 1000 C	ONSOL Energ	y Drive, Canonsbu	rg PA 15317
To:					3
The transferee)	Company: CNX	Gas Company	LLC	
Code #49445	8046	Address 1000 C	ONSOL Energy	y Drive, Canonsbu	rg PA 15317
Transfer appro	oval and resp	onsibility for any none	omnlianas matte-		
thirty day circu the Chief.	lar that will be	issued after review of	f your application	for transfer, or as oth	document will be addressed in the serwise set forth by agreement wi
	broadening of	biogging willim 120 ud	vs or approvar or	The application of IV.	e agrees to bring the well into
The transferee agent is:	has registere	ed and designated an	agent on form Of	P-1, which is on file v	rith the Office of Oil and Gas. Th
Designated age	ent (name)	Anthony Kendzie	ora - Production	Superintendent (D	esignated Agent)
Address:		One Dominion D	rive, Jane Lew	WV 26378	g and a rigority
The transferee	has bonded t	he said well by (check		iv.	
Sec	curities	Cash	Sure	ty bond / Let	ter of credit
Identified by:			•	<u> </u>	S. S
Amount: \$2	50,000			Effective date :	05/02/2012
Issuing authority	RLI Ins	urance Company		ld. No:	03/02/2012
			anofaran CONSOL		
			ansferor: CONSOL C	1-:	/
		•	Designated Ag	6/07/1	
Taken, subscribe	ed and sworn				
Notary Public		Cendy L.Ko	DAC I.	20	OFFICIAL SEAL NOTARY PUBLIC
My Commission		Sept. 26, 202	1		State of West Virginia
my commodition			nsferee: CNX Ga	s Company I	Rt 1 Box 454A
			Anthony Kend		sion Expires September 26, 2021
			Designated Ag	10000	
Taken, subscribe	d and sworn	Y23		1	
Notary Public	//.	idis L. Koval	day or	ch. 2016	
My Commission E		Stop. 26, 202	1	TO THE REAL PROPERTY.	OFFICIAL SEAL
, Sammadoli L	-Apiroa	11, 44, 606		My Commission	NOTARY PUBLIC State of West Virginia Cindy L. Kovach Rt 1 Box 454A Mt Clare W 26408 in Expires September 26, 2021