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west virginia department of environmental protection

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

Austin Caperton, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Friday, August 2, 2019

WELL WORK PLUGGING PERMIT  
Vertical Plugging

CNX GAS COMPANY LLC  
POST OFFICE BOX 1248

JANE LEW, WV 263786506

Re: Permit approval for DOBBS 5  
47-051-00623-00-00

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.

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. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, 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: DOBBS 5  
Farm Name: DANNY R & FRANCES V KEENE  
U.S. WELL NUMBER: 47-051-00623-00-00  
Vertical Plugging  
Date Issued: 8/2/2019

## 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.

1) Date \_\_\_\_\_, 2019  
2) Operator's  
Well No. Dobbs 5  
3) API Well No. 47-051 - 00623 P

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 1103' Watershed Maggoty Run  
District Liberty County Marshall Quadrangle Cameron

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 9) Plugging Contractor  
Name James Nicholson Name Contractors Services Incorporated of WV  
Address P.O. Box 44 Address 929 Charleston Road  
Moundsville, WV 26041 Spencer, WV 25276

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

*ALL EQUIPMENT, INCLUDING OERLICK MUST  
BE REMOVED FROM LOCATION.*

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

Work order approved by inspector *James Nicholson* Date *4/29/19*

Well: Dobb #5

District: Meade

API#: 47-051-00623 P

County: Marshall

**Proposed Plug & Abandonment Procedure**

The work order for the plugging of this well is as follows:

We will rig up on site and, if necessary, begin to blow well down and load well with fluid to kill. If possible, any tubing or rods present will be removed from the well. We will run in the well to determine the total depth. Next, we will run wireline in hole and run a Caliper/Bond Log. After logging we will run in with a work string to the attainable bottom. A bottom cement plug will be set from attainable to the first packer or casing seat. We will then attempt to remove casing as we work our way up hole with cement plugs. If unable to pull any casing in the well, approval will be obtained from the inspector to perforate and cement prior to continuing. Once plugging has been completed cement will be to surface. A monument will be installed on the well which will contain API#, Well Name, Company Name and Date Plugged. All plugging will comply with WV Code Chapter 22 Article 6.

All cement will be Class A with no more than 3% CaCl and all spacers will be 6% gel.

The disturbed areas shall be graded, seeded and mulched as required. The site will be reclaimed as soon as possible.

RECEIVED  
Office of Oil and Gas

MAY 8 2019

WV Department of  
Environmental Protection





Select County: (051) Marshall  (Check All)  
 Enter Permit #: 00623  
 Location  Production  Plugging  
 Owner/Completion  Stratigraphy  Sample  
 Pay/Show/Water  Logs  Btm Hole Loc

- [Table Descriptions](#)
- [County Code Translations](#)
- [Permit-Numbering Series](#)
- [Usage Notes](#)
- [Contact Information](#)
- [Disclaimer](#)
- [WVGES Main](#)
- ["Pipeline-Plus" New](#)

WV Geological & Economic Survey:

Well: County = 51 Permit = 00623

Report Time: Friday, August 02, 2019 2:02:17 PM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4705100623	Marshall	623	unknown	unknown	unknown				

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4705100623	-/-		Original Loc Completed	WH Dobbs	5					Pennzoil Company			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV	DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G_AFT	O_BEF	O_AFT	NGL_BEF	NGL_AFT	P_BEF	TI_BEF	P_AFT	TI_AFT	BH_P_BEF	BH_P_AFT	G_MSRLD_B
4705100623	-/-	-/-			Unnamed			unclassified	unclassified	not available	unknown	unknown				0	0	0	0	0	0	0	0	0	0	0	0	0	0

There is no Pay data for this well

Production Gas Information: (Volumes in Mcf)

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4705100623	Pennzoil Company	1981	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	Pennzoil Company	1982	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	Pennzoil Company	1983	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	Pennzoil Company	1984	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	Pennzoil Products Company	1989	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	Pennzoil Products Company	1998	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	Pennzoil Products Company	1999	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	East Resources, Inc.	2000	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	East Resources, Inc.	2001	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	East Resources, Inc.	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2005	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2006	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2007	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2008	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2009	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2010	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2012	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2017	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2018	0	0	0	0	0	0	0	0	0	0	0	0	0

No OTHER Well Records.

Production Oil Information: (Volumes in Bbl) \*\* some operators may have reported NGL under Oil

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4705100623	Pennzoil Company	1981	23	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	Pennzoil Company	1982	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	Pennzoil Company	1983	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	Pennzoil Company	1984	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	Pennzoil Products Company	1989	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	Pennzoil Products Company	1998	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	Pennzoil Products Company	1999	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	East Resources, Inc.	2000	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	East Resources, Inc.	2001	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	East Resources, Inc.	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2005	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2006	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2007	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2008	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2009	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2010	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2012	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100623	CNX Gas Co. LLC (North)	2018	0	0	0	0	0	0	0	0	0	0	0	0	0





47-051 - 00623A

WW-4A  
Revised 6-07

1) Date: \_\_\_\_\_  
2) Operator's Well Number  
Dobbs 5  
3) API Well No.: 47 - 051 - 00623

**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>Danny R &amp; Frances V Kerns Ests</u>	Name <u>na</u>
Address <u>94 E 700 N</u>	Address _____
<u>Valparaiso, IN 46383</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Consolidation Coal Company Murray Energy C/O Land Dept</u>
_____	Address <u>46226 National Road</u>
_____	<u>St Clairsville OH 43950</u>
(c) Name _____	Name <u>Danny R &amp; Frances V Kerns Ests</u>
Address _____	Address <u>94 E 700 N</u>
_____	<u>Valparaiso, IN 46383</u>
6) Inspector <u>James Nicholson</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 44</u>	Name <u>n/a</u>
<u>Moundsville WV 26041</u>	Address _____
Telephone <u>304-552-3874</u>	_____

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Office of Oil and Gas  
MAY 8 2019  
WV Department of  
Environmental Protection

**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.

Commonwealth of Pennsylvania - Notary Seal  
Lori L. Walker, Notary Public  
Greene County  
My commission expires February 23, 2023  
Commission number 1260781  
Member, Pennsylvania Association of Notaries

Well Operator CNX Gas Company, LLC  
By: Erika Whetstone  
Its: Permitting Manager  
Address 1000 Consol Energy Drive  
Canonsburg, PA 15317  
Telephone 724-485-4035

Commonwealth of Pennsylvania County of Washington  
Subscribed and sworn before me this 6th day of May 2019  
Lori L. Walker Notary Public  
My Commission Expires February 23, 2023

**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](mailto:depprivacyoffier@wv.gov).



47-051-00623 P

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<input type="checkbox"/> Return Receipt (electronic)	\$	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	

Postage  
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**Total Postage**  
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City, State, Zip

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94 E 700 N  
Valparaiso, IN 46383  
P&A Dobbx

Postmark Here  
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WASHINGTON PA

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	

Postage  
\$

**Total Postage**  
\$

Sent To  
Street and Apt.  
City, State, Zip

Consolidation Coal Company, Murray  
Energy C/O Land Dept  
46226 National Rd.  
St. Clairsville, OH 43950  
P&A Wayt/Dobbx

Postmark Here  
**APR 22 2019**

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WASHINGTON PA

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<input type="checkbox"/> Return Receipt (electronic)	\$	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	

Postage  
\$

**Total Postage**  
\$

Sent To  
Street and Apt.  
City, State, Zip

James Nicholson  
P.O. Box 44  
Moundsville WV 26041  
P&A Wayt, Dobbs

Postmark Here  
**APR 22 2019**

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WASHINGTON PA

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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MAY 8 2019  
WV Department of  
Environmental Protection



WW-9  
(5/16)

API Number 47 - 051 - 00623  
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) Maggoty Run Quadrangle Cameron

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.

Additives to be used in drilling medium? na

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) \_\_\_\_\_

-Landfill or offsite name/permit number? \_\_\_\_\_

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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

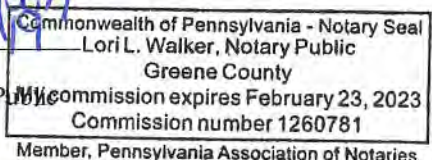
Company Official (Typed Name) Erika Whetstone

Company Official Title Permitting Manager

Subscribed and sworn before me this 6th day of May, 2019

Lori L. Walker Notary Public

My commission expires February 23, 2023



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
Tall Fescue	40
Landino Clover	5

Seed Type	lbs/acre
Tall Fescue	40
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: *June DeShane*

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

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WV Department of  
Environmental Protection

Title: Oil + Gas Inspector

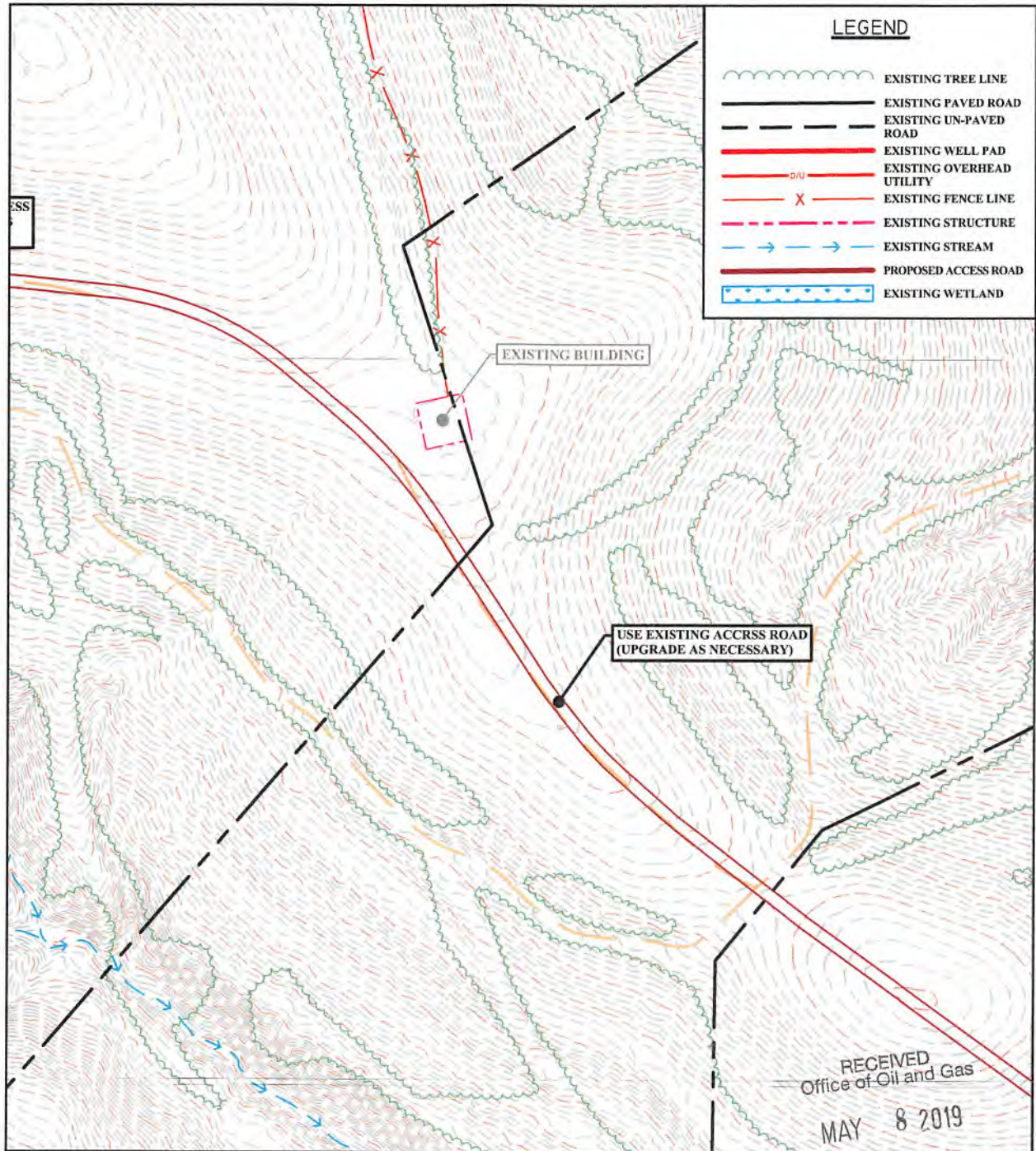
Date: 4/29/19

Field Reviewed? (  ) Yes (  ) No









**LEGEND**

	EXISTING TREE LINE
	EXISTING PAVED ROAD
	EXISTING UN-PAVED ROAD
	EXISTING WELL PAD
	EXISTING OVERHEAD UTILITY
	EXISTING FENCE LINE
	EXISTING STRUCTURE
	EXISTING STREAM
	PROPOSED ACCESS ROAD
	EXISTING WETLAND

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



LIBERTY, WV 7.5M USGS QUADRANGLE

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MAY 8 2019

WV Department of Environmental Protection



**THRASHER**

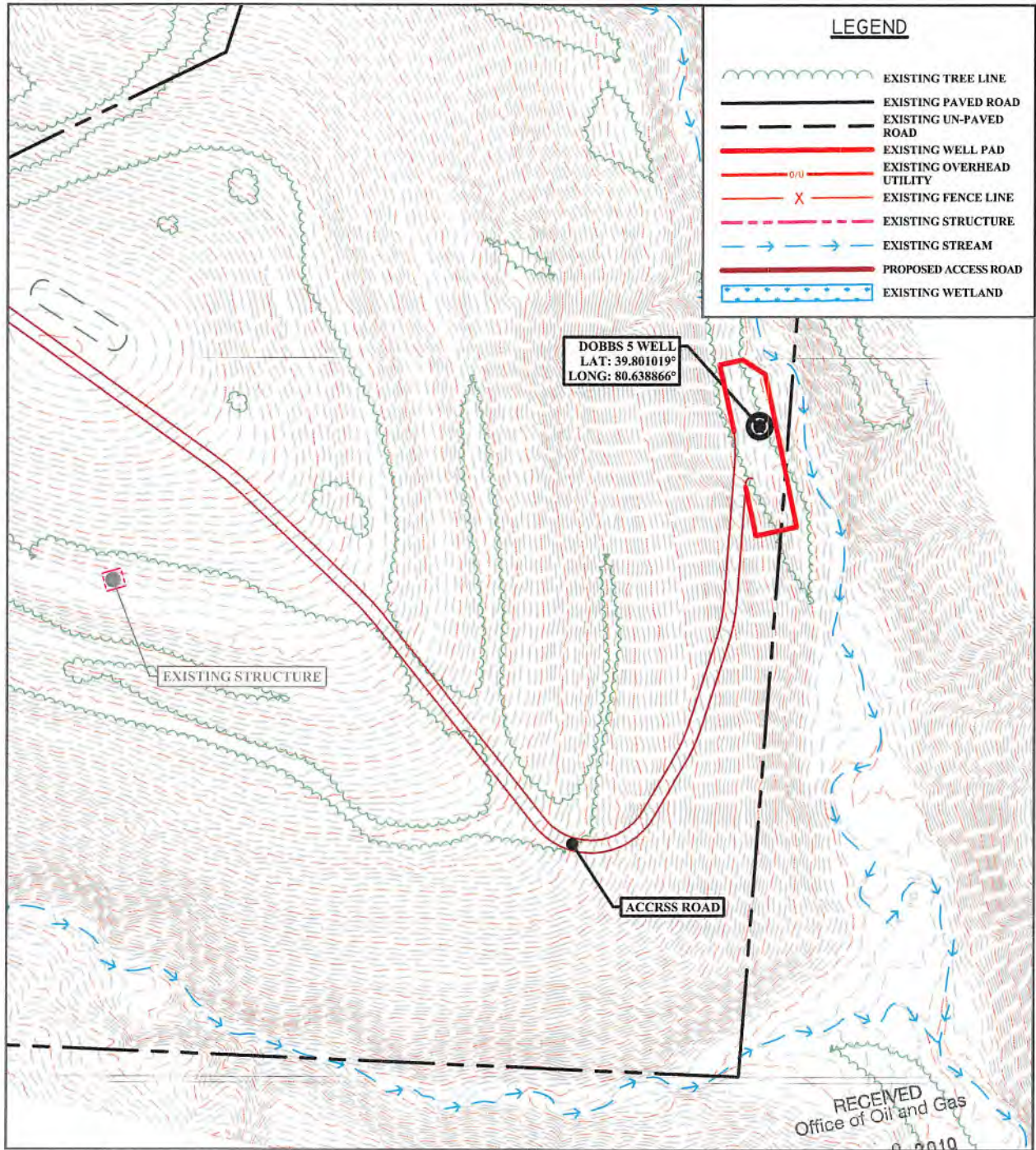
THE THRASHER GROUP, INC.  
600 WHITE OAKS BOULEVARD - BRIDGEPORT, WV 26330  
PHONE (304) 624-4108 FAX (304) 624-7831

DRAWINGS TO ACCOMPANY  
FORM WW-9

CNX GAS COMPANY LLC  
1000 CONSOL ENERGY DRIVE  
CANONSBURG, PA 15317

WATERSHED: UPPER FISH CREEK
DISTRICT: LIBERTY
COUNTY: MARSHALL
WELL #: DOBBS - 5
API #: 4705100615
DATE: 04/17/2019
PAGE: 2 OF 3





DOBBS 5 WELL  
 LAT: 39.801019°  
 LONG: 80.638866°

EXISTING STRUCTURE

ACCRESS ROAD

RECEIVED  
 Office of Oil and Gas  
 MAY 8 2019

WV Department of Environmental Protection

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



LIBERTY, WV 7.5M USGS QUADRANGLE

**THRASHER**

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WW-7  
8-30-06



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

API: 47-051-00623 WELL NO.: Dobbs 5

FARM NAME: Kerns

RESPONSIBLE PARTY NAME: Erika Whetstone

COUNTY: Marshall DISTRICT: Liberty

QUADRANGLE: Cameron

SURFACE OWNER: Danny R & Frances V Kerns Ests

ROYALTY OWNER: \_\_\_\_\_

UTM GPS NORTHING: 4,405,735.022 Meters

UTM GPS EASTING: 530,915.617 Meters GPS ELEVATION: 334.856 Meters (1103')

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 \_\_\_\_\_
- Letter size copy of the topography map showing the well location.**

RECEIVED  
Office of Oil and Gas  
MAY 8 2019  
WV Department of  
Environmental Protection

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 Manager  
Title

5/6/19  
Date



| Feet

Measurement Result

219.5 Feet



47-051-00623 P

CNX Gas Company, LLC  
200 Hallam Road  
Washington, PA 15301

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

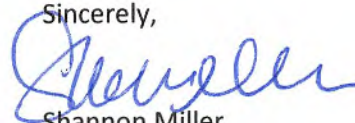
Plugging Permit Application  
**Well "Dobbs 5" API 47-051-00623**

Dear Sir or Madam,

Enclosed are plugging permit applications for the above referenced well.

If any further information or correspondence is required, please contact Shannon Miller at (724) 627-1361 or [ShannonMiller@cnx.com](mailto:ShannonMiller@cnx.com)

Sincerely,



Shannon Miller  
Permitting Agent

RECEIVED  
Office of Oil and Gas

MAY 8 2019

WV Department of  
Environmental Protection