



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

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Wednesday, July 17, 2019
WELL WORK PLUGGING PERMIT
Vertical Plugging

CNX GAS COMPANY LLC
POST OFFICE BOX 1248

JANE LEW, WV 263786506


Re: Permit approval for WAYT 5
47-051-00615-00-00

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: WAYT 5
Farm Name: CONSOLIDATION COAL CO. 
U.S. WELL NUMBER: 47-051-00615-00-00
Vertical Plugging
Date Issued: 7/17/2019

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

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 _____, 20 19
2) Operator's
Well No. Wayt #5
3) API Well No. 47-051 - 00615 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 1245' Watershed Upper Fish Creek
District Liberty County Marshall Quadrangle Glen Easton

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.

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WV Department of
Environmental Protection

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: Wayt #5

API#: 47-051-00615

District: Clay

County: Marshall

P

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.

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PHOTOGRAPHS



Photo 1: Looking southeast at well

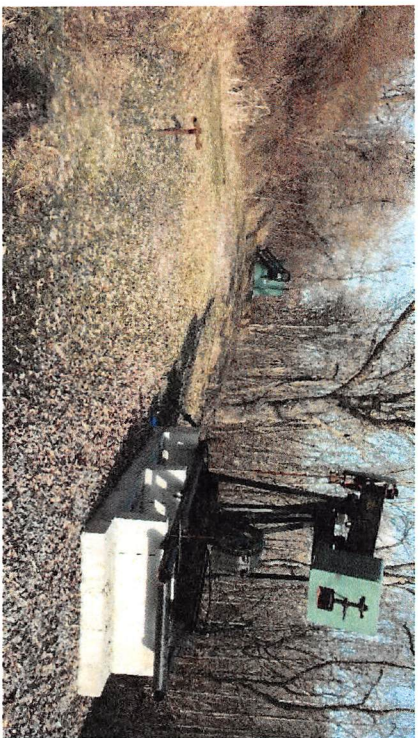


Photo 3: Looking northwest at well, showing tanks

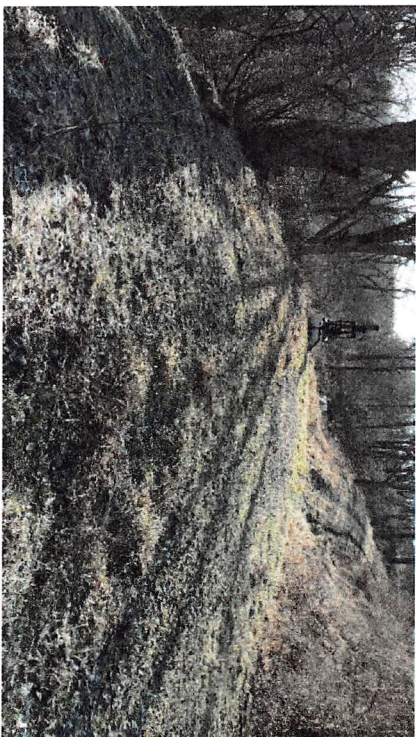


Photo 2: Looking southeast at well, showing Access Road



Photo 4: Looking north at well pad from access road

WAT 615

WVGES O&G Record Reporting System



Select County: (051) Marshall	Select datatypes: <input type="checkbox"/> (Check All)
Enter Permit #: 00615	<input checked="" type="checkbox"/> Location
<input type="button" value="Get Data"/>	<input checked="" type="checkbox"/> Owner/Completion
<input type="button" value="Reset"/>	<input checked="" type="checkbox"/> Stratigraphy
	<input checked="" type="checkbox"/> Pay/Show Meter
	<input checked="" type="checkbox"/> Logs
	<input checked="" type="checkbox"/> Plugging
	<input checked="" type="checkbox"/> Sample
	<input checked="" type="checkbox"/> Btm Hole Loc

- [Home](#)
- [Leverage Users](#)
- [County Code Translations](#)
- [Permit Accounting Status](#)
- [License Notices](#)
- [Contact Information](#)
- [Disclaimer](#)
- [WVGES Main](#)
- [Pipeline Plus New](#)

47-051-00615

Location Information: [View Map](#)
API COUNTY PERMIT TAX DISTRICT QUAD 75 QUAD 15 LAT_DD LON_DD UTM_E UTM_N
 4705100615 Marshall 615 unknown unknown unknown

Well: County = 51 Permit = 00615

Report Time: Monday, July 15, 2019 10:29:10 AM

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_ID	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT	COMPLETION	PROP_VD	PROP_TRGT_FM	FM_EST_PR
4705100615			Original Loc. Completed	J B W&W	5					Permezzoli Company				

Completion Information:

API	CMP_ID	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	TL_BEF	P_AFT	TL_AFT	BH_P_BEF	BH_P_AFT	G_MSRD_BY	
4705100615		-/-	-/-		Unnamed			unclassified																						

There is no Pay data for this well

Production Gas Information: (Volumes in Mcf)

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_YEAR	GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4705100615	Permezzoli Company		1981	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Company		1982	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Company		1983	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Company		1984	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		1988	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		1989	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		1989	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2000	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2001	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2004	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2005	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2006	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2007	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2008	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2009	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2010	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2011	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2012	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2017	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2018	0	0	0	0	0	0	0	0	0	0	0	0	0

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

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_YEAR	OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4705100615	Permezzoli Company		1981	172	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Company		1982	141	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Company		1983	210	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Company		1984	198	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		1988	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		1989	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2000	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2001	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2004	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2005	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2006	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2007	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2008	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2009	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2010	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2011	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2012	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2017	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	Permezzoli Products Company		2018	0	0	0	0	0	0	0	0	0	0	0	0	0

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

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_YEAR	NGL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4705100615	CNX Gas Ca, LLC (North)		2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	CNX Gas Ca, LLC (North)		2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	CNX Gas Ca, LLC (North)		2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4705100615	CNX Gas Ca, LLC (North)		2018	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Water Information: (Volumes in Gallons)

WTR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4705100815 CNX Gas Co LLC (North)	2018	0	0	0	0	0	0	0	0	0	0	0
4705100815 CNX Gas Co LLC (North)	2018	0	0	0	0	0	0	0	0	0	0	0

There is no Stratigraphy data for this well

There is no Wireline (E-Log) data for this well

There is no Plugging data for this well

There is no Sample data for this well

WW-4A
Revised 6-07

1) Date: _____
2) Operator's Well Number _____
Wayt #5 _____

3) API Well No.: 47 - 051 - 00615

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>Consolidation Coal Company/Murray Energy C/O Land Dept</u>	Name <u>n/a</u>
Address <u>46226 National Rd.</u>	Address _____
<u>St. Clairsville, OH 43950</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 Rd.</u>
_____	<u>St. Clairsville, OH 43950</u>
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
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>	_____

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

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

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.

WW-9
(5/16)

47-051-00615P

API Number 47 - 051 - 00615
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) Upper Fish Creek Quadrangle Glen Easton

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? _____

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

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Office of Oil and Gas

MAY 8 2019

WV Department of
Environmental Protection

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

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

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: _____

Jan A. [Signature]

Comments: _____

RECEIVED
Office of Oil and Gas

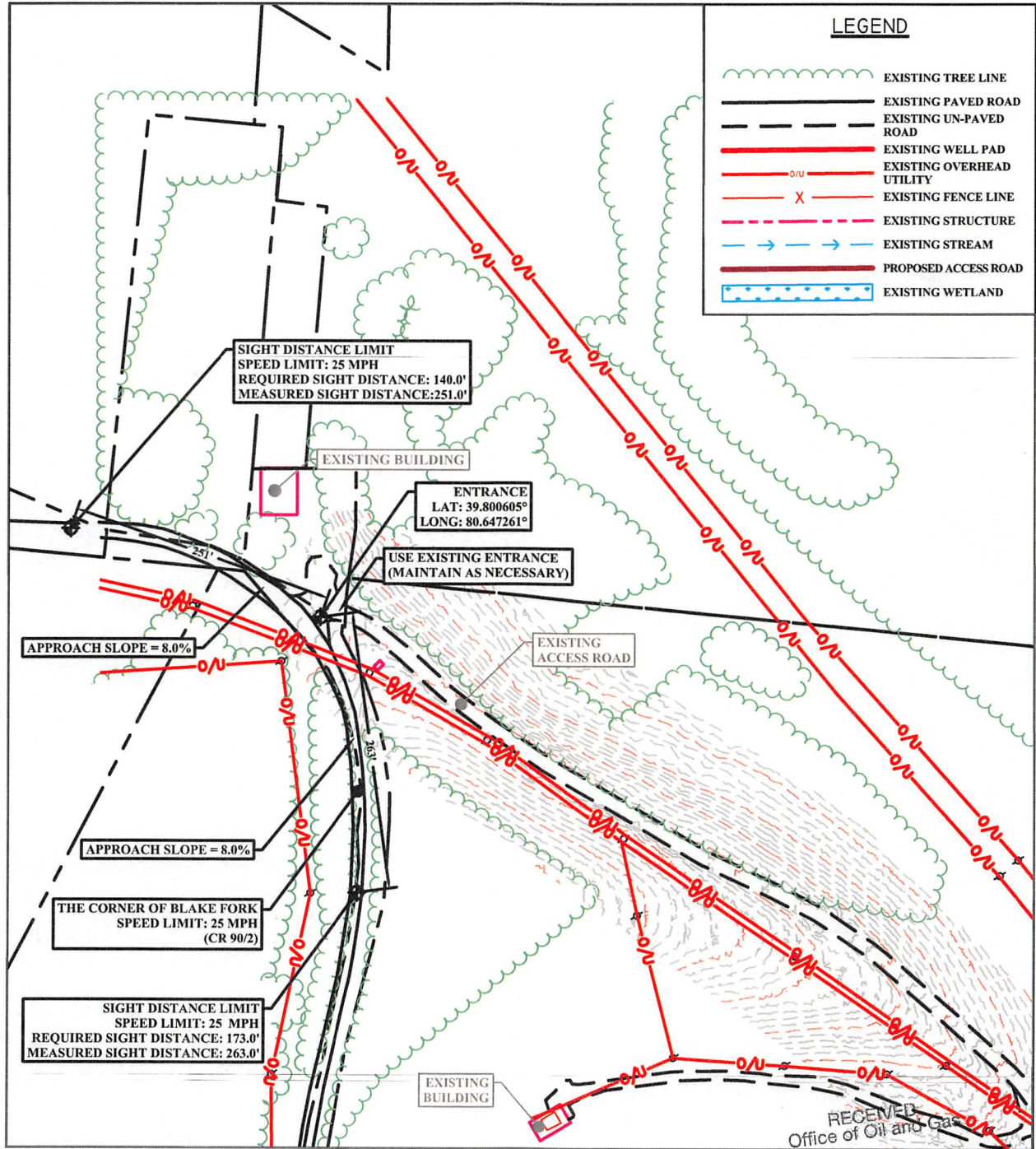
MAY 8 2019

WV Department of
Environmental Protection

Title: Oil & Gas Inspector

Date: 4/29/19

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.



LIBERTY, WV 7.5M USGS QUADRANGLE

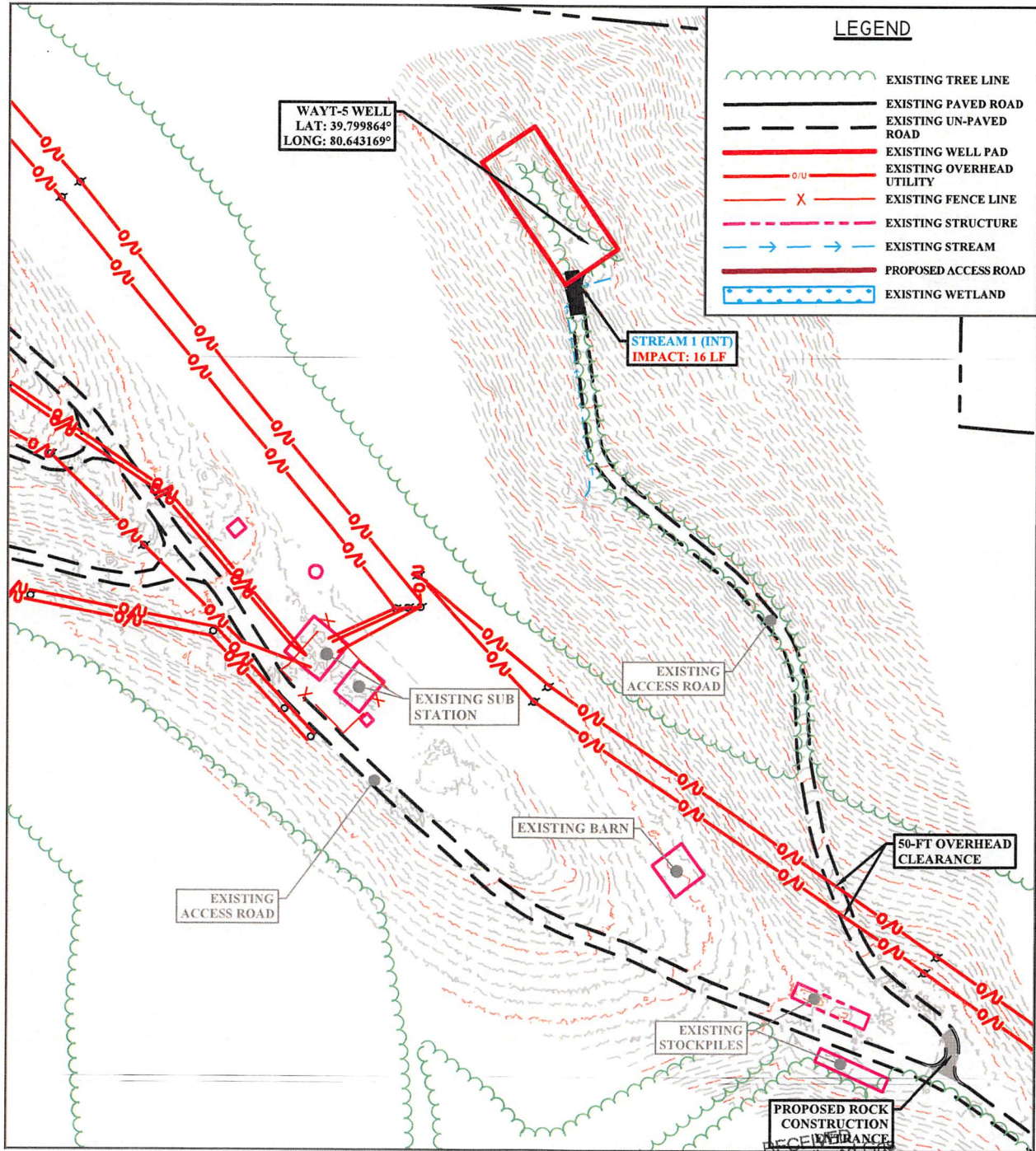
THRASHER

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 #: WAYT - 5
API #: 4705100615
DATE: 04/17/19
PAGE: 1 OF 2



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

Office of Oil and Gas
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 #: WAYT - 5
API #: 4705100615
DATE: 04/17/19
PAGE: 2 OF 2

WW-7
8-30-06



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

API: 47-051-00615 WELL NO.: Wayt #5

FARM NAME: Consol

RESPONSIBLE PARTY NAME: Erika Whetstone

COUNTY: Marshall DISTRICT: Liberty

QUADRANGLE: Glen Easton

SURFACE OWNER: Consolidation Coal Company/Murray Energy C/O Land Dept

ROYALTY OWNER: _____

UTM GPS NORTHING: 4,405,605.355 Meters

UTM GPS EASTING: 530,547.760 Meters GPS ELEVATION: 380.945 Meters

(1245')

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 _____

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WV Department of
Environmental Protection

- 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 Manager
Title

5/6/19
Date