



---

west virginia department of environmental protection

---

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

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Monday, April 26, 2021  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

CNX GAS COMPANY LLC  
1000 CONSOL ENERGY DR

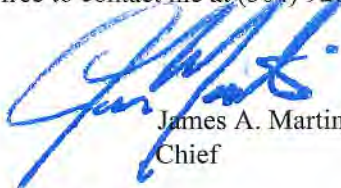
CANONSBURG, PA 15370

Re: Permit approval for WV 05430  
47-061-01369-00-00

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: WV 05430  
Farm Name: CURTIS, CAROL  
U.S. WELL NUMBER: 47-061-01369-00-00  
Vertical Plugging  
Date Issued: 4/26/2021

Promoting a healthy environment.

04/30/2021

## 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.

47-061-01369P

- 1) Date 12-1, 2020
- 2) Operator's  
Well No. 005430
- 3) API Well No. 47-001 - 01300

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 \* \_\_\_ / Liquid injection \_\_\_ / Waste disposal \_\_\_ /  
(If "Gas, Production \* \_\_\_ or Underground storage \_\_\_) Deep \_\_\_ / Shallow\* \_\_\_
- 5) Location: Elevation 1180 Watershed Dunkard Creek  
District Battelle County Monongalia Quadrangle Wadestown
- 6) Well Operator CNX Gas Company LLC 7) Designated Agent Anthony Kendziora  
Address 1000 Consol Energy Dr. Address 1000 Consol Energy Dr  
Canonsburg, PA 15317 Canonsburg PA 15317
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Bryan Harris Name Coastal Drilling East LLC  
Address P.O. Box 157 Address 70 Gums springs road  
Volga, WV 26238 Morgantown WV 26508

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

RECEIVED  
Office of Oil and Gas  
DEC 10 2020  
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 Bryan Harris Date 12-2-20

4706101369P

Well: Curtis 5430

API#: 47-061-01369

District: Battelle

County: Monongalia

Elevation: 1180'

Curtis 5430 Proposed Plugging and Abandonment Procedure

1. MIRU on well, run in well with sandine and find TD (~3453')
2. Once TD has been confirmed load hole with freshwater or 6% gel if well drinks fluid
3. MIRU wireline, RU and run Bond Log on 4 ½" casing and find TOC
4. Once TOC has been confirmed, TIH with tubing
5. Cement from TD to TOC inside 4 ½" casing then TOO H with tubing
6. RU and RIH with 4 ½" casing cutter and cut casing above TOC
7. Once 4 ½" casing is free TOO H with 4 ½" casing
8. TIH with tubing and cement well to surface with cement
9. TOO H with tubing and top off well with cement
10. Install 6"x14' monument (10' below grade, 4' above grade). Monument must contain API#, Well Name, Company Name and Date Plugged

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

*Bryan Harris*  
12-2-20

RECEIVED  
Office of Oil and Gas  
DEC 10 2020  
WV Department of  
Environmental Protection

04/30/2021



State of West Virginia  
 Division of Environmental Protection  
 Section of Oil and Gas

4706381369P  
 [Signature]

Well Operator's Report of Well Work

Farm name: Curtis, Carol Operator Well No.: WV 05430

LOCATION: Elevation: 1176' Quadrangle: Wadestown

District: Battelle County: Monongalia  
 Latitude: 10335 Feet South of 39 Deg. 45 Min. 00 Sec.  
 Longitude: 12920 Feet West of 80 Deg. 17 Min. 30 Sec.

Company: Dominion Exploration & Production, Inc.  
CNG Producing Company

P O Box 1248  
Jane Lew, WV 26378

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Agent: <u>Rodney J. Biggs</u>				
Inspector: <u>Randal Mick</u>	<u>9 5/8"</u>	<u>221'</u>	<u>221'</u>	<u>60 sks</u>
Date Permit Issued: <u>8/5/99</u>				
Date Well Work Commenced: <u>6/19/00</u>	<u>7"</u>	<u>1462'</u>	<u>1462'</u>	<u>200 sks</u>
Date Well Work Completed: <u>7/11/00</u>				
Verbal Plugging:	<u>4 1/2</u>	<u>3453'</u>	<u>3453'</u>	<u>125 sks</u>
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): <u>3550'</u>				
Fresh Water Depth (ft.): <u>79', 1840', 1871'</u>				
Salt Water Depth (ft.): <u>N/A</u>				
Is coal being mined in area (N/A)? <u>Y</u>				
Coal Depths (ft.): <u>581-586', 837-842', 893-898', 918-928'</u>				

FEB 21 2001  
 [Stamp]

OPEN FLOW DATA

Producing formation Fifth Sand Pay zone depth (ft) 3014-3283'  
 Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d  
 Final open flow 28 MCF/d Final open flow 0 Bbl/d  
 Time of open flow between initial and final tests 10 Hours  
 Static rock Pressure 390 psig (surface pressure) after 12 Hours

Second producing formation Injun Pay zone depth (ft) 2250-2456'  
 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

\* Commingled

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: [Signature]  
 By: \_\_\_\_\_  
 Date: 2/15/01

MAR 02 2001

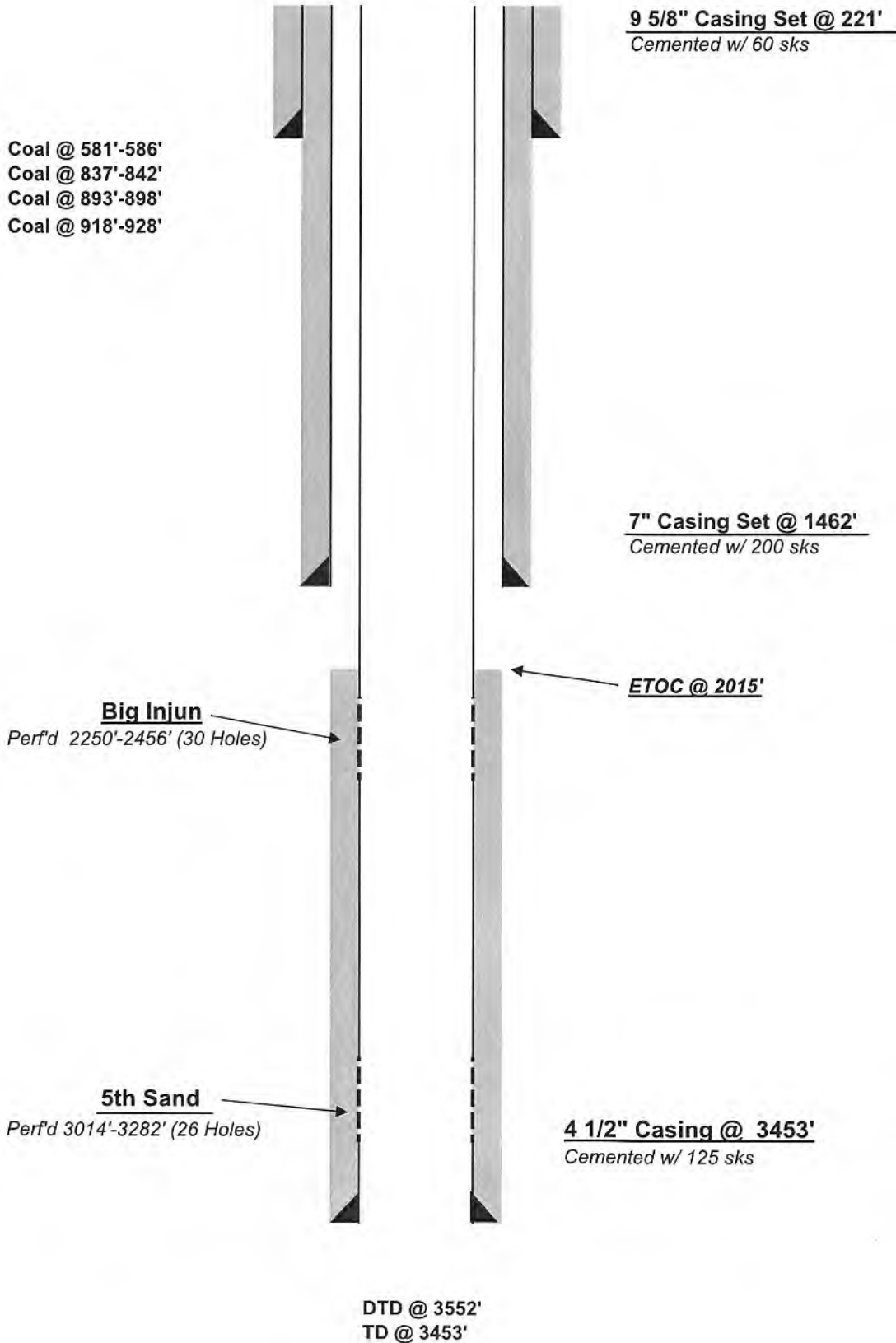
MOND 1367

RECEIVED  
 Office of Oil and Gas  
 DEC 10 2020  
 WV Department of  
 Environmental Protection

04/30/2021

4706101369P

**Curtis 5430**  
Battelle District, Monongalia WV  
Original Completion : 7/11/2000  
API #47-061-01369  
Elevation = 1180'



RECEIVED  
Office of Oil and Gas  
DEC 10 2020  
WV Department of  
Environmental Protection

04/30/2021

COMPANY/WELL NO.: CNGP5430

07/11/2000 PERFED AND FRACED W/20# X-LINK AND N2 ASSIST.

02/07/2001

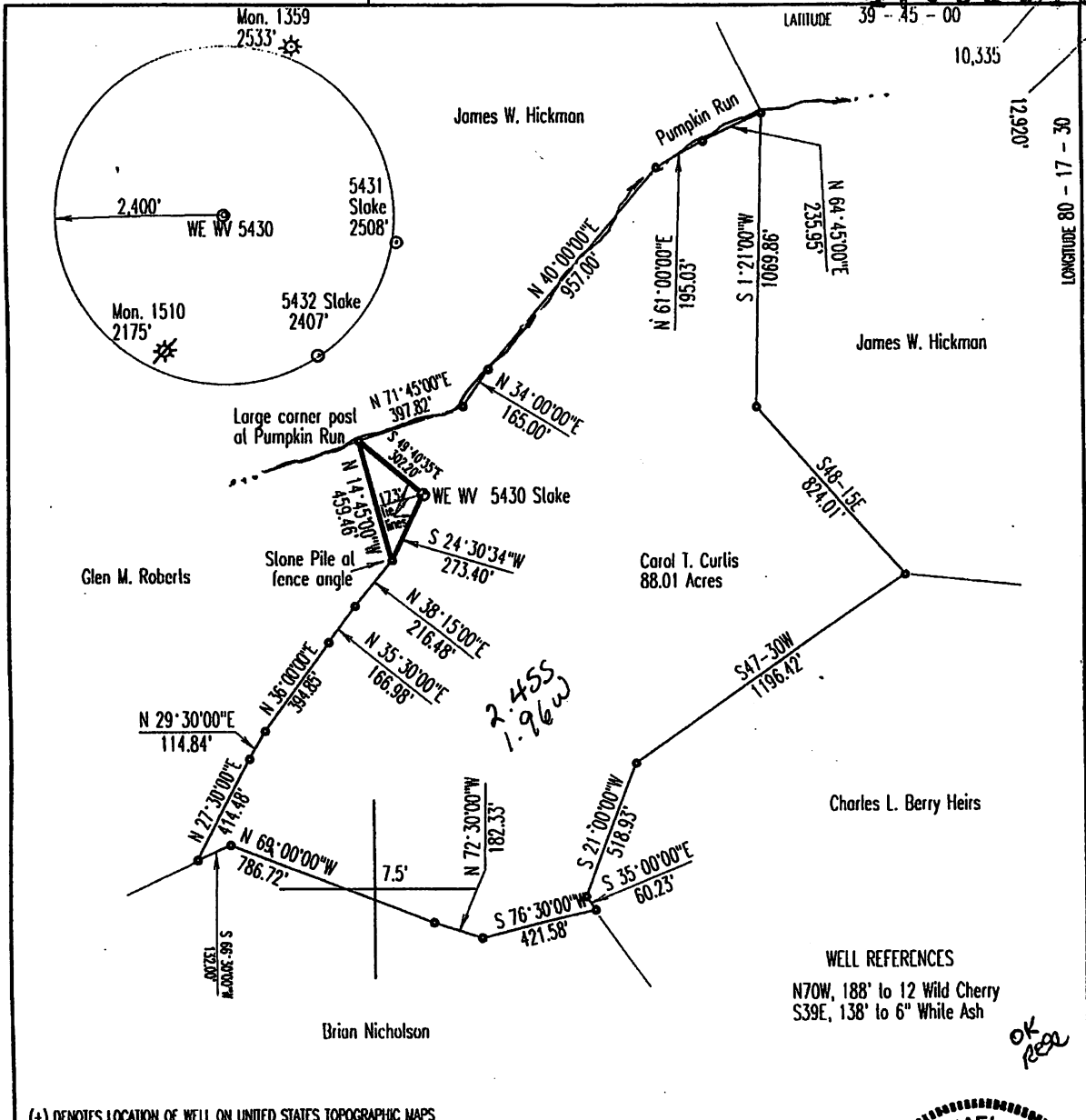
FIFTH SAND, 3014 - 3282', 28 HOLES, 390 BBLs, 20,000# SAND, 62 MSCFN2  
INJUN, 2250 - 2456', 30 HOLES, 431 BBLs, 31,000# SAND, 67 MSCFN2

4706101369P

Gamma Ray Log	Formation	Tops
Big Lime	2150	2240
Big Injun	2240	2462
50 Ft Sand	2890	2970
Gordon	3010	3160
4th Sand	3180	3215
5th Sand	3240	3290
Bayard	3350	3370
TD	3552	

RECEIVED  
Office of Oil and Gas  
DEC 10 2020  
WV Department of  
Environmental Protection

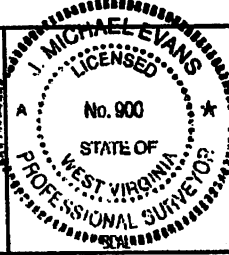
04/30/2021



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE & DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 in 2500  
 PROVEN SOURCE OF ELEVATION Global Positioning System Survey

FORM WV-6  
 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) *J. Michael Evans*  
 PROFESSIONAL SURVEYOR # 900



LAND SURVEYING SERVICES  
 21 CEDAR LANE  
 BRIDGEPORT, WV 26330  
 PHONE: 304-842-2018 OR 842-5762

STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS  
 #10 McJUNKIN ROAD, NITRO, WV 25143-2506

DATE April 12, 1999  
 OPERATORS WELL NO. WE WV 05430  
 API WELL NO. 047 061 01369

RECEIVED  
 Office of Oil and Gas  
 DEC 10 2020  
 WV Department of Environmental Protection

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
 LOCATION: ELEVATION 1,176' WATERSHED Pumpkin Run  
 DISTRICT Battelle COUNTY Monongalia  
 QUADRANGLE Wadeslow 7.5'  
 SURFACE OWNER Carol T. Curlis ACREAGE 88.01  
 OIL & GAS ROYALTY OWNER Carol T. Curlis LEASE ACREAGE 88.01  
 PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION \_\_\_  
 PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Bayard ESTIMATED DEPTH 3,600'  
 WELL OPERATOR CNG Producing Company DESIGNATED AGENT Rodney J. Biggs  
 ADDRESS Rt. 2, Box 698, Bridgeport, WV 26330 ADDRESS Rt. 2, Box 698, Bridgeport, WV 26330

MONO 1369 PERMIT

04/30/2021



4706101369P

WW-4A  
Revised 6-07

1) Date: 12-1-2020  
2) Operator's Well Number

005430

3) API Well No.: 47 -

061

01369

**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:

(a) Name James Edward Taylor & Earl Lynn Taylor  
Address 1345 Toms Run Rd.  
Holbrook, PA 15341

(b) Name  
Address

(c) Name  
Address

6) Inspector

Address Bryan Harris  
P.O. Box 157  
Volga, WV 26238  
Telephone 304-552-3874

5) (a) Coal Operator

Name  
Address

(b) Coal Owner(s) with Declaration

Name Hayhurst Company  
Address PO box 5065  
Fairmount WV 26555  
Name Consolidation Coal Company  
Address 46226 National Road  
St. Clairsville, OH 43950

(c) Coal Lessee with Declaration

Name  
Address

**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: Raymond Hoon  
Its: Senior Project Manager  
Address 1000 Consol Energy Dr  
Canonsburg, PA 15317  
Telephone 724-485-4000

RECEIVED  
Office of Oil and Gas

DEC 10 2020

WV Department of  
Environmental Protection

Subscribed and sworn before me this 3<sup>RD</sup> day of December 2020

My Commission Expires

Commonwealth of Pennsylvania - Notary Seal  
Vicki L. Smith, Notary Public  
Indiana County  
My commission expires June 19, 2022  
Commission number 1155912

Notary Public

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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

04/30/2021

7019 1120 0001 5856 2815

# CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

Saint Clairsville, OH 43950

Certified Mail Fee	\$3.55
Extra Services & Fees (check box, add fee as appropriate)	\$0.00
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$2.80

Total Postage \$6.35

Sent To  
 Street and  
 City, State

Consolidated Coal Company  
 46226 National Road  
 Saint Clairsville, OH 43950



4706101369P

RECEIVED  
Office of Oil and Gas

DEC 10 2020

WV Department of  
Environmental Protection

7019 1120 0001 5856 2745

# CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

Holbrook, PA 15341

Certified Mail Fee	\$3.55
Extra Services & Fees (check box, add fee as appropriate)	\$0.00
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$1.20

Total Postage \$4.75

Sent To  
 Street and  
 City, State

James Edward Taylor &  
 Earl Lynn Taylor (005430)  
 1345 Toms Run Rd.  
 Holbrook, PA 15341



7019 1120 0001 5856 2952

# CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

Fairmont, WV 26555

Certified Mail Fee	\$3.55
Extra Services & Fees (check box, add fee as appropriate)	\$0.00
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$1.20

Total Postage \$4.75

Sent To  
 Street and  
 City, State

Hayhurst Company (005430)  
 PO box 5065  
 Fairmont WV 26555



See Reverse for Instructions



4706101369P

WW-9  
(5/16)

API Number 47 - 061 - 01369  
Operator's Well No. 005430

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) Dunkard Creek 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  *ALL WELL EFFLUENT WILL BE CONTAINED IN TANKS BEFORE DISPOSING OF PROPERLY. JWH/14*

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 return)

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. na

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) na

-Landfill or offsite name/permit number? na

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 *Raymond Hoon*

Company Official (Typed Name) Raymond Hoon

Company Official Title Senior Project Manager

RECEIVED  
Office of Oil and Gas

DEC 10 2020

WV Department of  
Environmental Protection

Subscribed and sworn before me this 3<sup>RD</sup> day of December, 2020

*Vicki L. Smith*

Commonwealth of Pennsylvania - Notary Seal  
Vicki L. Smith, Notary Public  
Indiana County  
My commission expires June 19, 2022  
Commission number 1155912

Notary Public

My commission expires \_\_\_\_\_

04/30/2021

Member, Pennsylvania Association of Notaries

Proposed Revegetation Treatment: Acres Disturbed 5.4 acres 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: Bryan Harris

Comments:

Title: Inspector Date: 12-2-20

Field Reviewed? ( ) Yes ( X ) No

RECEIVED Office of Oil and Gas DEC 10 2020 WV Department of Environmental Protection 04/30/2021



4706101369P



MATCHLINE STA 14+00  
SEE SHEET 4

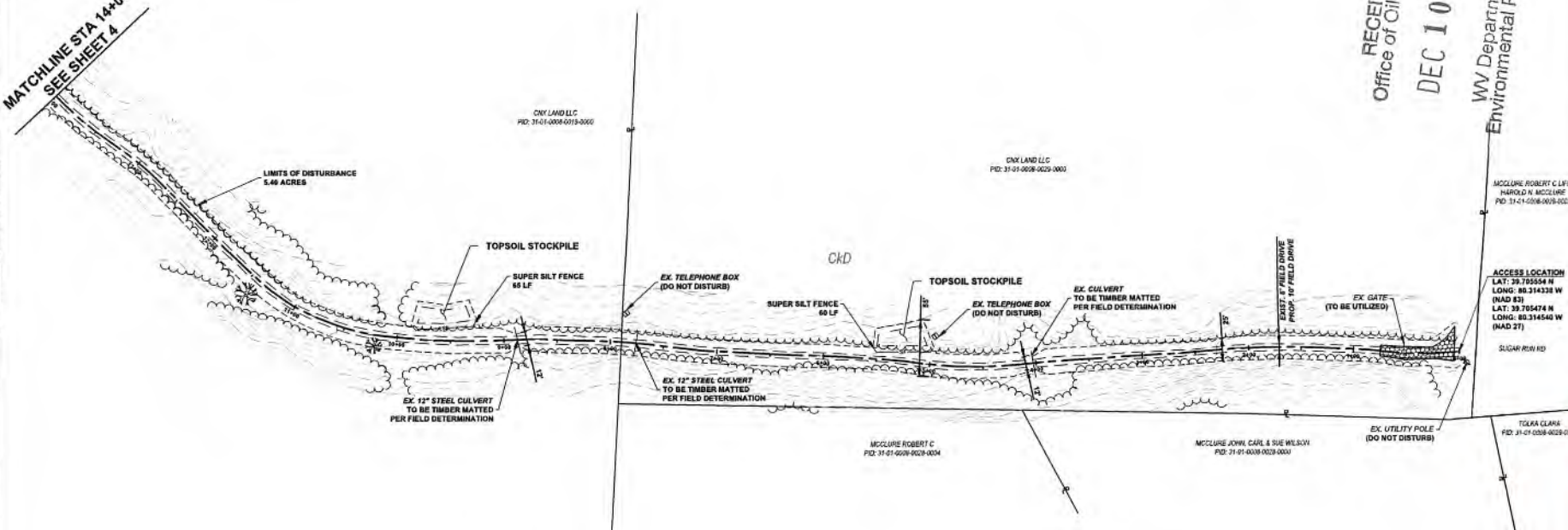
### LEGEND

EXISTING		PROPOSED	
[Solid line]	PROPERTY LINE	[Thin solid line]	MAJOR CONTOUR
[Dashed line]	MAJOR CONTOUR	[Thin dashed line]	MINOR CONTOUR
[Dotted line]	MINOR CONTOUR	[Thick dashed line]	PAVEMENT
[Wavy line]	PAVEMENT	[Dashed line with dashes]	GRADE BREAK
[Wavy line with dots]	TREE LINE	[Dashed line with dots]	LIMITS OF DISTURBANCE
[Dotted line]	SOIL LIMITS	[Hatched area]	SUPER SILT FENCE, PER SHEET 16
[Dashed line]	FENCE		
[Circle with cross]	STORM SEWER		
[Square with cross]	UTILITY POLE		
[Circle with dot]	TELEPHONE BOX		

RECEIVED  
 Office of Oil and Gas  
 DEC 10 2020  
 WV Department of  
 Environmental Protection



NO.	DATE	REVISION DESCRIPTION



ACCESS LOCATION  
 LAT: 39.785554 N  
 LONG: 80.314328 W  
 (MAD 13)  
 LAT: 39.785474 N  
 LONG: 80.314540 W  
 (MAD 27)  
 SUGAR RUN RD

SOIL NAME	PERCENT (%)
CLARKSBURG SILT LOAM (CkD)	30.8
GILPIN-CULLEOKA-UPSHUR SILT LOAMS (GulD)	10.0
GILPIN-CULLEOKA-UPSHUR SILT LOAMS (GulE)	21.1
GILPIN-CULLEOKA-UPSHUR SILT LOAMS (GulF)	38.3

- NOTES:**
- CONTRACTOR TO USE EXISTING ACCESS ROAD AND MAINTAIN AS NECESSARY
  - FILTER SOCK TO BE USED IN LIEU OF SUPER SILT FENCE WHERE CONTRACTOR DEEMS NECESSARY



**005430 WELL PLUGGING**  
 BATTLE DISTRICT, MONONGALIA COUNTY, WEST VIRGINIA

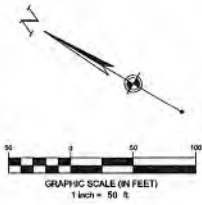
ACCESS DRIVE  
 EROSION &  
 SEDIMENT  
 CONTROL  
 PLAN

ISSUE
CONST. DOCUMENTS
DATE: 11.30.2020
JOB NO.: 757370
DESIGN: DBR
DRAWN: DBR
CHECKED: RAC
SHEET NO. 3

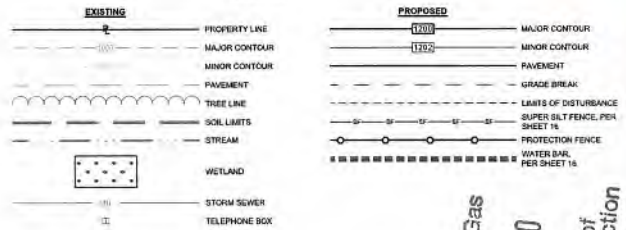


4706101369P

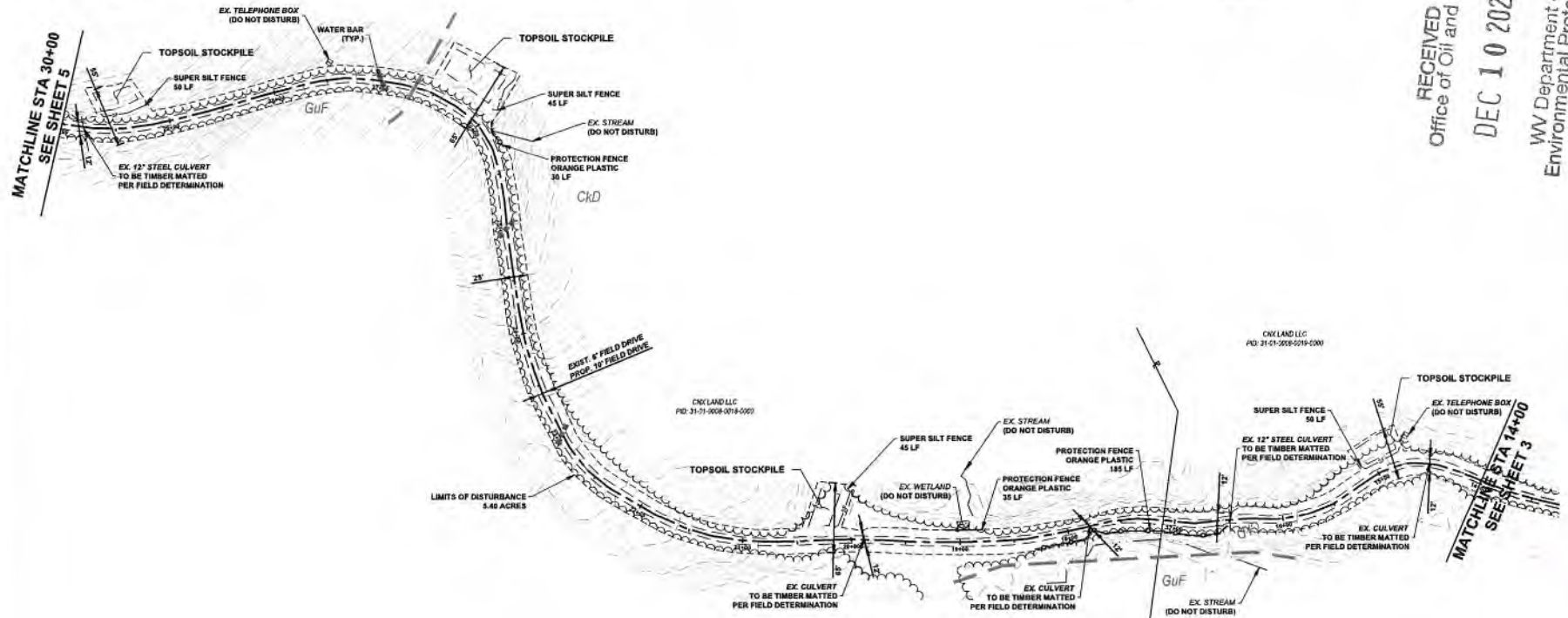
COPYRIGHT THESE DRAWINGS ARE THE PROPERTY OF CESO



LEGEND



RECEIVED  
Office of Oil and Gas  
DEC 10 2020  
WV Department of Environmental Protection



SOIL CLASSIFICATION TABLE	
SOIL NAME	PERCENT (%)
CLARKSBURG SILT LOAM (CkD)	39.6
GILPIN-CULLEOKA-UPSHUR SILT LOAMS (GuD)	10.0
GILPIN-CULLEOKA-UPSHUR SILT LOAMS (GuE)	21.1
GILPIN-CULLEOKA-UPSHUR SILT LOAMS (GuF)	38.3

- NOTES:
- CONTRACTOR TO USE EXISTING ACCESS ROAD AND MAINTAIN AS NECESSARY
  - FILTER SOCK TO BE USED IN LIEU OF SUPER SILT FENCE WHERE CONTRACTOR DEEMS NECESSARY



NO.	DATE	REVISION DESCRIPTION



**CNX**  
005430 WELL PLUGGING  
BATTLE DISTRICT, MONROGALIA COUNTY, WEST VIRGINIA

ACCESS DRIVE EROSION & SEDIMENT CONTROL PLAN

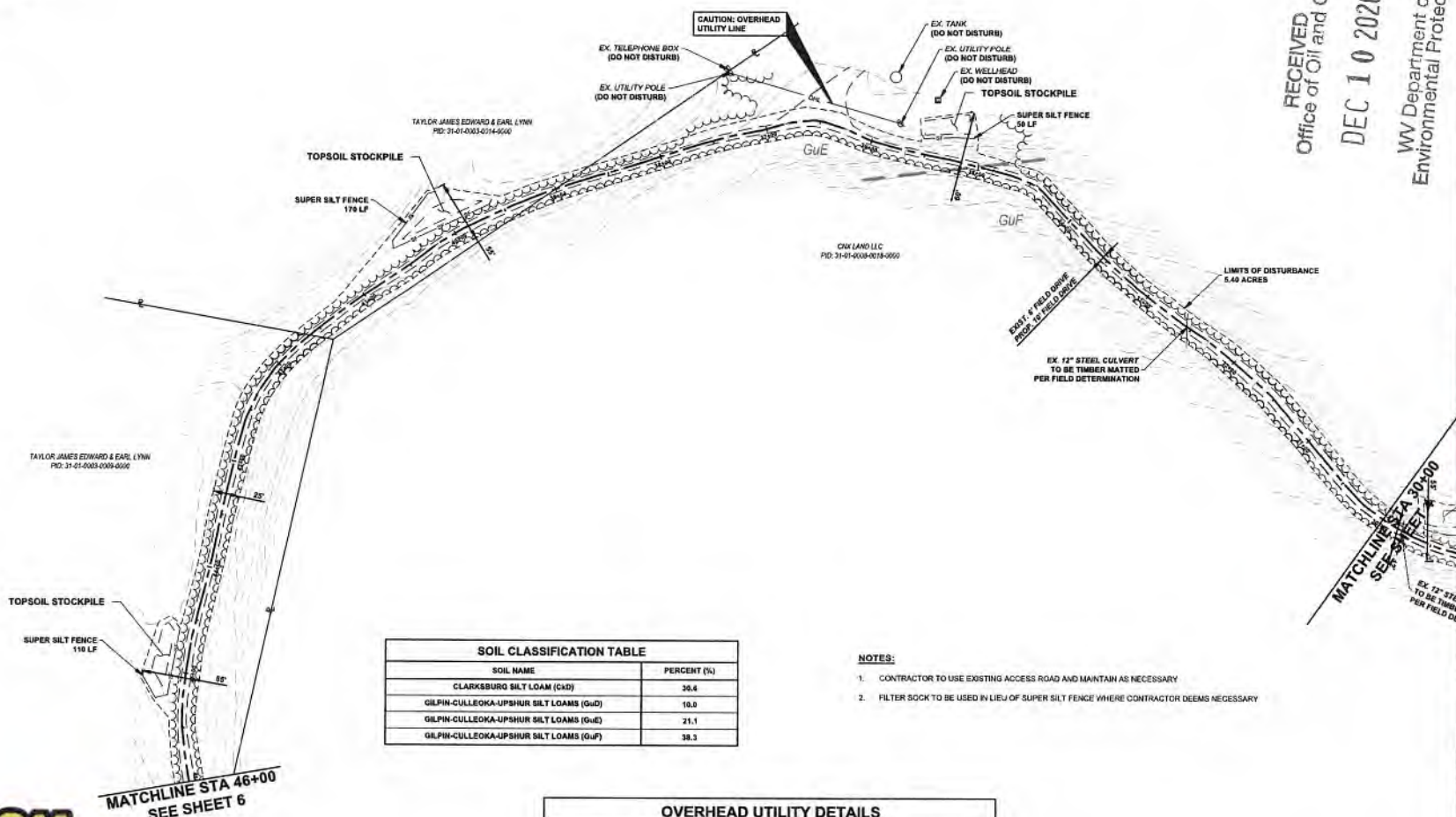
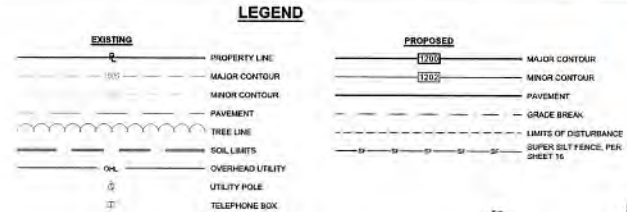
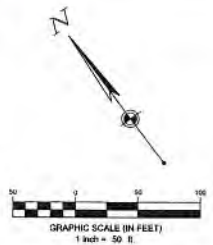
ISSUE  
CONST. DOCUMENTS  
DATE:  
11.30.2020

JOB NO.: 757370  
DESIGN: DBR  
DRAWN: DBR  
CHECKED: RAC

SHEET NO.  
4



4706101369P



RECEIVED  
Office of Oil and Gas  
DEC 10 2020  
WV Department of  
Environmental Protection



**CNX**  
005430 WELL PLUGGING  
BATTLE DISTRICT, MONONGALIA COUNTY, WEST VIRGINIA

ISSUE:	
CONST. DOCUMENTS	
DATE:	11/30/2020
JOB NO.:	757370
DESIGN:	DBR
DRAWN:	DBR
CHECKED:	RAC
SHEET NO.:	5

**SOIL CLASSIFICATION TABLE**

SOIL NAME	PERCENT (%)
CLARKSBURG SILT LOAM (C4D)	26.4
GILPIN-CULLEOKA-UPSHUR SILT LOAMS (GuD)	10.0
GILPIN-CULLEOKA-UPSHUR SILT LOAMS (GuE)	21.1
GILPIN-CULLEOKA-UPSHUR SILT LOAMS (GuF)	38.3

- NOTES:**
- CONTRACTOR TO USE EXISTING ACCESS ROAD AND MAINTAIN AS NECESSARY
  - FILTER SOCK TO BE USED IN LIEU OF SUPER SILT FENCE WHERE CONTRACTOR DEEMS NECESSARY

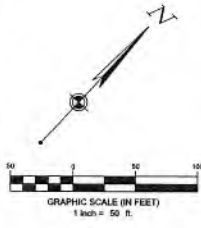
**OVERHEAD UTILITY DETAILS**

STATION	OVER-HEAD UTILITY ELEVATION	CLEARANCE TO EXISTING GRADE	EXISTING GRADE ELEVATION
STA. 36+45 (18.2' R)	1437.87'	9.08'	1428.29'





47061013696



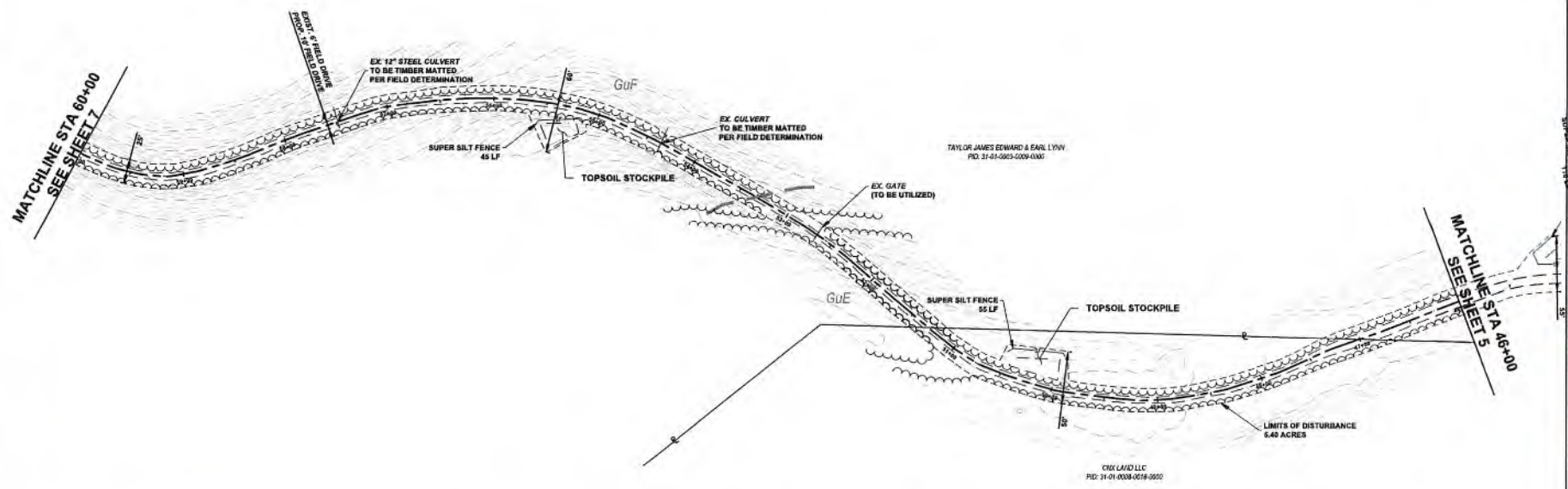
**LEGEND**

<b>EXISTING</b>	<b>PROPOSED</b>
PROPERTY LINE	MAJOR CONTOUR
MAJOR CONTOUR	MINOR CONTOUR
MINOR CONTOUR	PAVEMENT
PAVEMENT	GRADE BREAK
TREE LINE	LIMITS OF DISTURBANCE
SOIL LIMITS	SUPER SILT FENCE, PER SHEET 16
FENCE	
STORM SEWER	

RECEIVED  
Office of Oil and Gas  
DEC 10 2020  
WV Department of  
Environmental Protection



NO.	DATE	REVISION DESCRIPTION



**SOIL CLASSIFICATION TABLE**

SOIL NAME	PERCENT (%)
CLARKSBURG SILT LOAM (CkD)	36.6
GILPIN-CULLEOKA-UPSHUR SILT LOAMS (GuD)	16.9
GILPIN-CULLEOKA-UPSHUR SILT LOAMS (GuE)	21.1
GILPIN-CULLEOKA-UPSHUR SILT LOAMS (GuF)	38.3

- NOTES:**
- CONTRACTOR TO USE EXISTING ACCESS ROAD AND MAINTAIN AS NECESSARY
  - FILTER SOCK TO BE USED IN LIEU OF SUPER SILT FENCE WHERE CONTRACTOR DEEMS NECESSARY



**CNX**

**005430 WELL PLUGGING**  
BATTELLE DISTRICT, MONONGALIA COUNTY, WEST VIRGINIA

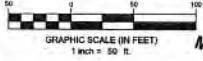
ACCESS DRIVE  
EROSION &  
SEDIMENT  
CONTROL  
PLAN

ISSUE:	
CONST. DOCUMENTS	
DATE:	11.30.2020
JOB NO.:	757370
DESIGN:	DBR
DRAWN:	DBR
CHECKED:	RAC
SHEET NO.	6

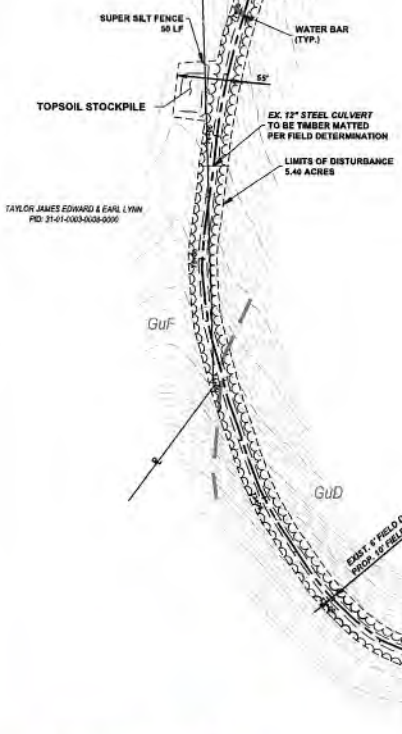


47061013697

COPYRIGHT THESE DRAWINGS ARE THE PROPERTY OF CNX



**MATCHLINE STA 78+00  
SEE SHEET 8**



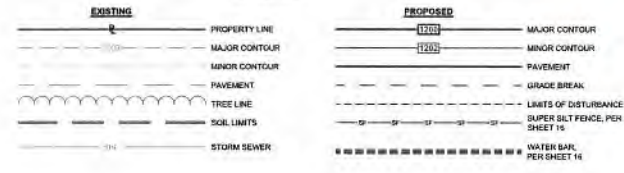
**SOIL CLASSIFICATION TABLE**

SOIL NAME	PERCENT (%)
CLARKSBURG SILT LOAM (CKD)	28.8
GILPIN-CULLEOKA-UPSHUR SILT LOAMS (GULD)	10.9
GILPIN-CULLEOKA-UPSHUR SILT LOAMS (GUE)	21.1
GILPIN-CULLEOKA-UPSHUR SILT LOAMS (GUF)	38.3

**NOTES:**

- CONTRACTOR TO USE EXISTING ACCESS ROAD AND MAINTAIN AS NECESSARY
- FILTER SOCK TO BE USED IN LIEU OF SUPER SILT FENCE WHERE CONTRACTOR DEEMS NECESSARY

**LEGEND**



RECEIVED  
Office of Oil and Gas  
DEC 10 2020  
WV Department of  
Environmental Protection

**MATCHLINE STA 60+00  
SEE SHEET 6**

TAYLOR JAMES EDWARD & EARL LYNN  
PID: 31-01-0077-0005-0000

WISE DINN M ET AL  
(LIFE-TUDD WISE & SHANNON WISE REBURN)  
PID: 31-01-0109-0002-0006

CIVIL MIDSTREAM DESIGN LLP  
PID: 31-01-0628-0017-0000



NO.	DATE	REVISION DESCRIPTION



**CNX**  
**005430 WELL PLUGGING**  
BATTELLE DISTRICT, MONONGALIA COUNTY, WEST VIRGINIA

ACCESS DRIVE  
EROSION &  
SEDIMENT  
CONTROL  
PLAN

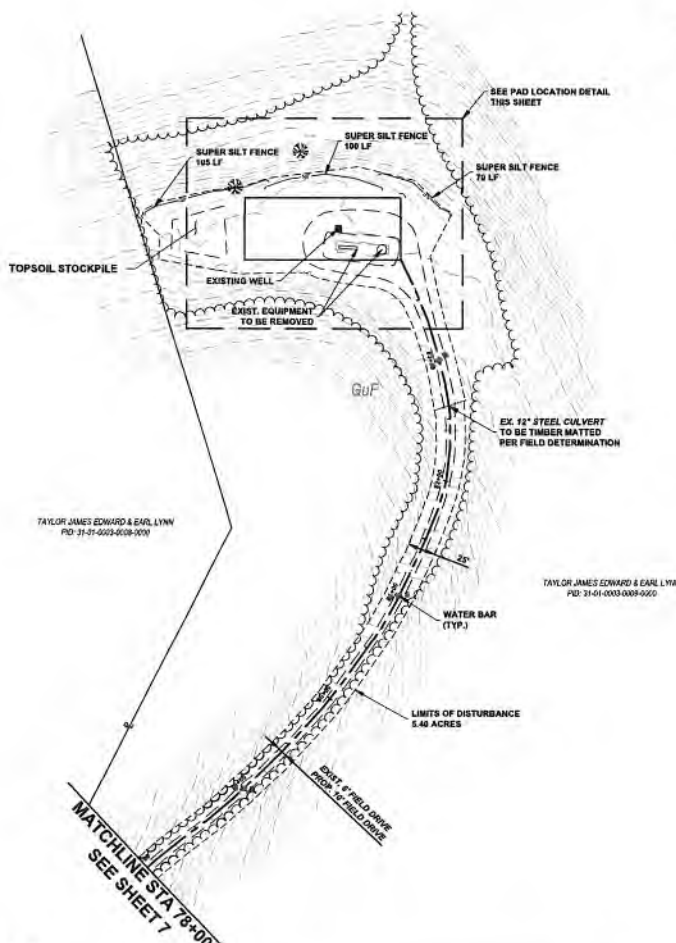
ISSUE	
CONST. DOCUMENTS	
DATE	11.30.2020
JOB NO.:	757370
DESIGN:	DBR
DRAWN:	DBR
CHECKED:	RAC
SHEET NO.	7





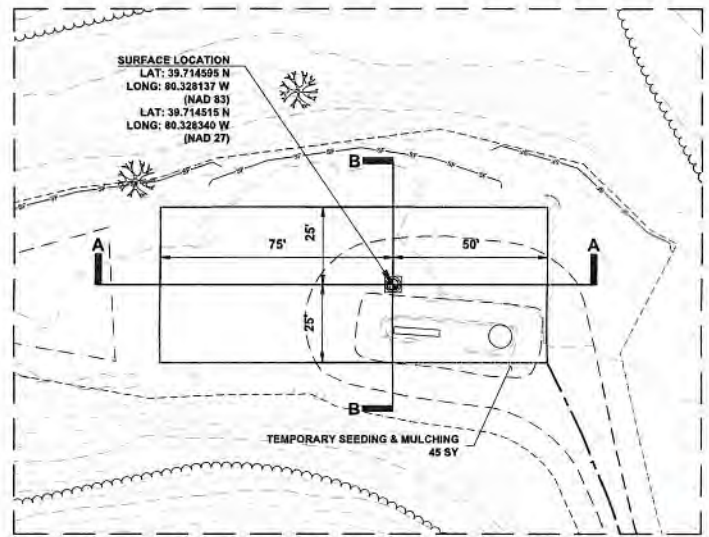
4706101369P

CONTRACT THESE DRAWINGS ARE THE PROPERTY OF CNX

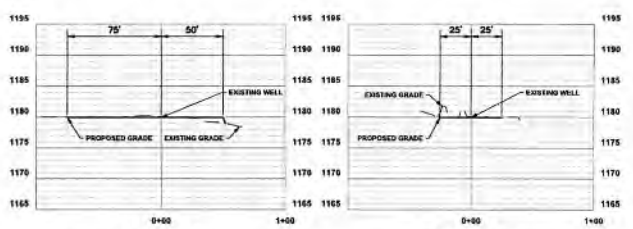


RECEIVED  
 Office of Oil and Gas  
 DEC 10 2020  
 WV Department of  
 Environmental Protection

LEGEND			
	EXISTING MAJOR CONTOUR		PROPOSED MAJOR CONTOUR
	EXISTING MINOR CONTOUR		PROPOSED MINOR CONTOUR
	PAVEMENT		GRADE BREAK
	TREE LINE		LIMITS OF DISTURBANCE
	SOIL LIMITS		SUPER SILT FENCE PER SHEET 15
	EXISTING TREE		WATER BAR PER SHEET 16
	WELL HEAD		TEMPORARY SEEDING & MULCHING



**PAD LOCATION DETAIL**  
Scale: 1" = 20'



**A-A PROFILE**  
Scale: 1" = 50' Horiz.; 1" = 10' Vert.

**B-B PROFILE**  
Scale: 1" = 50' Horiz.; 1" = 10' Vert.

SOIL CLASSIFICATION TABLE		
SOIL NAME	PERCENT (%)	
CLARKSBURG SILT LOAM (Cld)	39.6	
GILPIN-CULLEOKA-UPSHUR SILT LOAMS (Gld)	10.0	
GILPIN-CULLEOKA-UPSHUR SILT LOAMS (Gue)	21.1	
GILPIN-CULLEOKA-UPSHUR SILT LOAMS (Guf)	38.3	

- NOTES:**
- CONTRACTOR TO USE EXISTING ACCESS ROAD AND MAINTAIN AS NECESSARY
  - FILTER SOCK TO BE USED IN LIEU OF SUPER SILT FENCE WHERE CONTRACTOR DEEMS NECESSARY



NO.	DATE	REVISION DESCRIPTION



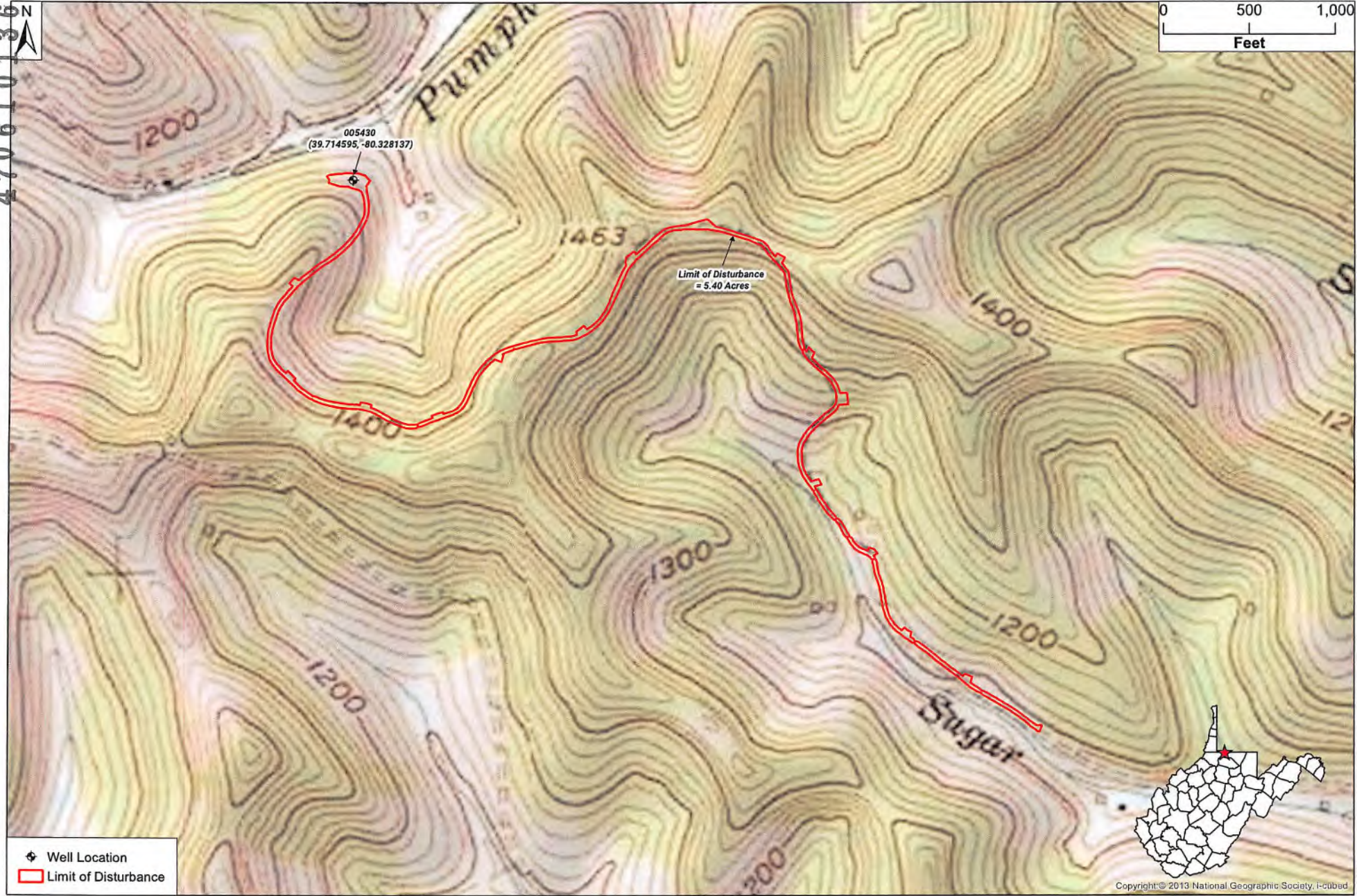
**CNX**  
**005430 WELL PLUGGING**  
 BATTLE DISTRICT, MONONGALIA COUNTY, WEST VIRGINIA

**EROSION & SEDIMENT CONTROL PLAN**

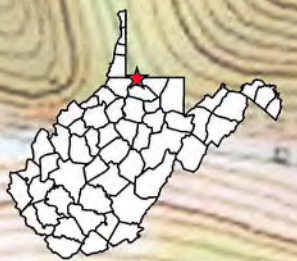
ISSUE  
 CONST. DOCUMENTS  
 DATE:  
 11.30.2020  
 JOB NO.: 757370  
 DESIGN: DBR  
 DRAWN: DBR  
 CHECKED: RAC  
 SHEET NO.  
**8**



4706101369P



- ◆ Well Location
- Limit of Disturbance



Copyright © 2013 National Geographic Society, i-Cubed



**005430 Well Head**  
Site Location Topographic Map  
Monongalia County, West Virginia



Date: 11/19/21  
By: J. Stascak

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 4706101369 WELL NO.: 005430

FARM NAME: Curtis, Carol

RESPONSIBLE PARTY NAME: CNX

COUNTY: Monongalia DISTRICT: Battelle

QUADRANGLE: Wadestown

SURFACE OWNER: Taylor James Edward & Earl Lynn

ROYALTY OWNER: Taylor James Edward & Earl Lynn

UTM GPS NORTHING: 4396296.59

UTM GPS EASTING: 557588.32 GPS ELEVATION: 1180.05

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:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. 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.

  
\_\_\_\_\_  
Signature

Project manager  
\_\_\_\_\_  
Title

4/9/21  
\_\_\_\_\_  
Date



11/10/2016

## PLUGGING PERMIT CHECKLIST

## Plugging Permit

- WW-4B
- WW-4B signed by inspector
- WW-4A
- SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- WW-9 PAGE 1 (NOTARIZED)
- WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
- WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
- RECENT MYLAR PLAT OR WW-7
- WELL RECORDS/COMPLETION REPORT
- TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
- MUST HAVE VALID BOND IN OPERATOR'S NAME
- CHECK FOR \$100 IF PIT IS USED

RECEIVED  
Office of Oil and Gas  
DEC 10 2020  
WV Department of  
Environmental Protection

04/30/2021