

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

Harold D. Ward, Cabinet Secretary www.dep.wv.gov

Monday, October 17, 2022 WELL WORK PLUGGING PERMIT Coal Bed Methane Well Plugging

MONUMENT OIL & GAS, LLC 929 CHARLESTON RD.

SPENCER, WV 25276

Re: Permit approval for L-112 47-061-01424-00-00

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

0.

Farm Name: CONSOLIDATION COAL CO.

U.S. WELL NUMBER: 47-061-01424-00-00

Coal Bed Methane Well Plugging
Date Issued: 10/17/2022

Operator's Well Number: L-112

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.

WW-4B Rey. 2/01

1)Date	, 20
2) Operator's	
Well No. L-11	2
3) API Well No	. 47-61 - 1426

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

	OFFICE OF OIL AND GAS					
	APPLICATION	FOR A PERM	IT TO PLUG 1	AND ABANDON Y	CBM WI	ELL,
4)	Well Type: Oil/ Gas X	/ Liquid	injection _	/ Waste d	isposal	/
	(If "Gas, Production	x or Und	erground sto	orage) De	ep / S	hallowX
5)	Location: Elevation 1076		Watershed S	outh Fork of WV F	ork of Dunkar	rd Crook
100180	District Battelle			ongalia Quadra		
	-		country	Quadra	ngre	
6)	Well Operator Monument Oil &		7) Designate	ed Agent J. Sco	tt Freshwat	er
	Address 929 Charleston F			Address 929 Ch	arleston Ro	pad
	Spencer, WV 252	276		Spence	er, WV 2527	76
0.						
8)	Oil and Gas Inspector to be no Name Kenneth Greynolds	otified	9) Plugging			
	Address 613 Broad Run Rd.			Next LVL Ener		
	Jane Lew, WV 26378		Addr	ess 792 Industri		
	<u> </u>			Jane Lew, W	26378	
10) Work Order: The work order for the manner of plugging this well is as follows: See attached.						
Notif work	fication must be given to the d can commence.	istrict oil	and gas ins	spector 24 hou	rs before p	permitted
Work	order approved by inspector	enneth Greyno	Digitally agned by Kenneth Grey SDN: CN = Kenneth Greynolds e Greynolds@ww gov C = AD O = Ol and Gas Date 2022 09 21 08 41 44 .021	= VM/DEP OU =		
				W 1701 P		

Well:

L-112

County:

Monongalia

API#

047-061-01424

Plug and Abandon Well

Well Design:

TD

815'

Hole Dlameter

11"

Casing size

8"

Slotted Casing

615' to 815'

Cement

615' to surface

Procedure:

Notify WV DEP 48 hours prior to commencement of operations.

Setup containment and necessary ECD's

Move in Rig up Equipment Pull tubing if present

Set CIBP at 614'

Trip in hole with tubing, set Cement Plug 614' to surface, TOOH

Install monument, rig down move off

Remove containment and unneeded ECD's

Kenneth Greynolds DN CN = Kenneth Greynolds SN CN = Kenneth Greynolds email = Kenneth Greynolds email = Kenneth Greynolds@N-- gov C = AD O = WWDEP OU = Oil and Gos Date 2022 09 21 08 42 15 -04'00'

DATE: August 4, 2004 API#: 47-6101424

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

47061014248

Well Operator's Report of Well Work

Farm Name: Consolidation Coal Company		Operator W	Vell No.:	L-112	
LOCATION: Elevation: 1076.77		Quadrangle	: Wade	estown	
District: Battelle		C			
Latitude: 7444.60 Feet South of	39 D	County: _ Deg. 40	Mononga		
Longitude: 6689.59 Feet West of		Deg. 40 Deg. 20	Min.	00	Sec.
Dongstoot. Oods.59 1 cet West of		reg20	Min.	_00	Sec.
Company: CNX Gas Company LLC (North)					
	Casing &	Used In	Left I	Well	Cement Fill
	Tubing	Drilling			Up Cu. Ft.
Address: 1800 Washington Road					
Pittsburgh, PA 15241					
Agent: Edwin Merrifield					
Inspector: Randal Mick	SE	E WI	2/1	RE	ORI
Date Permit Issued: 11/13/2001					
Date Well Work Commenced: Existing Borehole		ST, L	eo (Bay	GOB WELLT
Date Well Work Completed: Converted to well					L-112
Verbal Plugging:			-		
Date Permission granted on: Rotary Cable Rig			-		
Rotary Cable Rig Total Depth (feet): 815			-		
Fresh Water Depth (ft.):			+		
2 result victor populitie).		-	+		
Salt Water Depth (ft.):			+	-	
(II).		-	+	-	
Is coal being mined in area (N/Y)? No			+		
Coal Depths (ft.): 905					
OPEN FLOW DATA					
Producing formation Distributed Co. I.C.	_				
Producing formation Gas: Initial open flow Pittsburgh Coal Seam 150 MCF/d	Pay zone		905		
Gas: Initial open flow 150 MCF/d Final open flow 150 MCF/d	Oil: Initial ope			Bbl/d	
Time of open flow between initial and final tests	Final open flo			Bbl/d	
Static rock pressure psig (surface press			ours		
pois (surface press	me) alter	Ho	ours		
Second producing formation None	Pay zone	depth (ft)			
Gas: Initial open flow MCF/d	Oil: Initial ope			BbVd	
Final open flow MCF/d	Final open flo			Bbl/d	
Time of open flow between initial and final tests		-	urs	2024	
Static rock pressure psig (surface pressure	ure) after	Но	urs		
NOTE ON BLOW OF THE					
NOTE: ON BACK OF THIS FORM PUT THE FO	OLLOWING: 1	I). DETAILS	OF PERF	DRATE)
INTERVALS, FRACTURING OR STIMULATING	G, PHYSICAL	CHANGE, I	ETC. 2). T	HEARESE	WED
INTERVALS, FRACTURING OR STIMULATING LOG WHICH IS A SYSTEMATIC DETAILED OF INCLUDING COAL ENCOUNTERED BY THE W	EULUGICAL	RECORD O	F ALL FO	EWE PI	Gas Chicken
\	ELLBUKE.		- 1		I
Signed: Josef aman	_		1 4	NUG 0 9	2004
By: Useph P. Aman			_		
Date: August 4, 2004			Foul	A Depart	ment of
			CITAL	umente	Protection 0/21/2022
					10/21/2022

61-01424

WELL REPORT ST. LEO CBM GOB WELL NO. L-112

- Driled February 1996
- Total Depth of Hole: 815'
- Cased with 8" diameter oil field casing
- Bottom 200' of casing is slotted and floats
- Slotted from a depth of 615' 815'
- Cemented from a depth of 615' to surface
- The slotted portion floats
- The hole diameter was 11"
- Surface elevation: 1076.77



Page 1 of 261-014240

STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS COALBED METHANE PERMIT APPLICATION 1, 652

	l Operator: <u>CNX Gas Company, LLC (North)</u> 2) Well Name <u>St. Leo CBM Gob Well No. L-112</u> rator's Well Number <u>L-112</u> 4) Elevation 1076.77
3) Ope	rator's Well Number L-112 4) Elevation 1076.77
5) Wel	Type: (a) Oil / or GasX / (b) If Gas: Production _X / Underground Storage / CBM _X / Deep / ShallowX /
6) Prop	osed Target Formation(s): Pittsburgh Coal Seam Mine Methane
7) Prop	osed Total Depth: 815 feet roximate Fresh Water Strata Depths: Not Known
	roximate Fresh Water Strata Depths: Not Known roximate Salt Water Depths: Not known Finite Salt Water Depths: Not known
10)	Approximate Coal Seam Depths: Pittsburgh - 905'
11)	Does Land Contain Coal Seams Tributary to Active Mines? Yes X / No/
12)	(a) Proposed Well Work: Convert an existing ventilation borehole (Well No. L-112) to a producing CMB gob well.
(ь)	If Stimulation Proposed, Describe Means to be Used to Stimulate Well: N/A
13)	(a) Does the proposed operation plan to convert an existing well (as defined in W. Va. Code § 22-6-1) or a vertical ventilation hole to a coalbed methane well? Yes _/ No _X /
(b)	If yes, please attach to this Application a list of all formations from which production is anticipated and a description of any plans to plug any portion of the well.
14)	(a) Will the proposed coalbed methane well be completed in some but not all coal seams for production (except for a gob well or vent hole proposed to be converted to a well)? Yes/ No/ N/A
(b)	If yes, please attach to this Application a plan and design for the well which will protect all workable coal seams which will be penetrated by the well.
15)	(a) Does the proposed operation include horizontal drilling of a well commenced on the surface? Yes/ No _X /
(b)	If yes, please attach to this Application a description of such operations, including both the vertical and horizontal alignment and extent of the well from the surface to total depth

FORM WW-5(B)_(8/1998)

ST. LEO CBM GOB WELL NO. L-112

CASING AND TUBING PROGRAM

ТҮРЕ	SPECIFIC	ATIONS	FOOT	AGE INTERV	ALS_	CEMENT	
	Size	Grade	Weight per ft.	For Drilling	Left in Well	Fill-up (cu. fl.)	
Conductor			_				
Fresh Water							
Coal							
Intermediate		SEE	ATTACHED	WELL REP	ORT		
Production							
Tubing							
Liners						Office of Old Cost	7
***************************************			***************************************			Office Contributes OCT 1 1 211 WW Departments	Production
		For Of	fice of Oil and	Gas Use Only			
Fee(s) paid:	Well Work P	ermit	Reclamation F	und W	PCP	
Plat		WW-9	WW-5B	Bond(Type)		Agent	
	350	, qu					

47061014	24	P
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1) Date:	-	•	•	orași.	٧	_	-	~	-	V
2) Operator's Well No	umbe	er								
L-112										

3) API Well No.: 47 -

061 01424

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

	NOTICE OF APPLICATI	ON TO PLUG AN	D ABANDON A WELL
4) Surface Own	ner(s) to be served: 5) (a) Coal Operator	
(a) Name	CNX RCPC LLC-Murray American Energy	Name	CNX RCPC LLC-Murray American Energy
Address	4226 National Road	Address	4226 National Road
	Saint Clairsville OH 43950		Saint Clairsville, OH 43950
(b) Name		(b) Coal Ow	ner(s) with Declaration
Address		Name	(b) William D'Octubration
		Address	
(c) Name		Name	
Address		Address	
6) Inspector	Kenneth Greynolds	(c) Coal Less	see with Declaration
Address	613 Broad Run Rd.	Name	
22 (2) (2)	Jane Lew, WV 26378	Address	
Telephone	304-206-6613		
			ved this Form and the following documents:
The reason y However, yo Take notice accompanyir Protection, w the Applicat	that under Chapter 22-6 of the West Virginia Co g documents for a permit to plug and abandon a with respect to the well at the location described	ights regarding the applicated, the undersigned well of well with the Chief of the on the attached Application of or certified mail or deliving the contract of the contract o	perator proposes to file or has filed this Notice and Application and Office of Oil and Gas, West Virginia Department of Environmental and depicted on the attached Form WW-6. Copies of this Notice, wered by hand to the person(s) named above (or by publication in
NO STATE	Well Operator By: OF WEST VIRGINIA Avid N Brannon S9 Deco Lane loe, WV 25235 on Expires December 14, 2022 Well Operator By: Its: Address Telephone	Managing Member 929 Charleston Road Spencer, WV 25276 304-927-5033	LLC
Subscribed and so	11- 18 rannen	ay of Septem	Notary Public
)il and Gae Privace	v Notice		3

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.

47061014249

TTOW LALZ TOOD OZLZ TZOL

FIRS + CLASS

Spencer, WY 25274

Energy 4226 Notional Road St. Clairsville, OH 43950

SURFACE OWNER WAIVER

Operator's Well Number

-			_
	- 4	4	
	- 1		_

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 and the Office of Oil and Gas.

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 issued at any time.

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 your comments.

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;
- 3) 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 violation..."

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.

VOLUNTARY 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 ob- objection to a permit being issued on those FOR EXECUTION BY A NATURAL PER ETC.	: materials.	e planned work described in these materials, and I have n FOR EXECUTION BY A CORPORATION			
Signature	Date	_ Name _ By			

Its Date

Signature

10<u>/</u>21/2022

API No.	4706101424
Farm Name	Consolitation (on Co.
Well No.	L-112

INSTRUCTIONS TO COAL OPERATORS OWNERS AND LESSEE

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less then five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

	WAIVER
has examined this proposed plugging we done at this location, provided, the we Virginia Code and the governing regular	/ owner/ lessee/ of the coal under this well location ork order. The undersigned has no objection to the work proposed to be all operator has complied with all applicable requirements of the Westions.
Date:	
	Ву:
	Its

4706101424F

API Number 47 - 061	_01424
Operator's Well No.	-112

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

The state of the s	
Operator Name Monument Oil & Gas, LLC	OP Code 494527461
Watershed (HUC 10) South Fork of WV Fk of Dunkard Creek Quad	rangle Hundred
Do you anticipate using more than 5,000 bbls of water to complete the pro	posed well work? Yes No
Will a pit be used? Yes No V X USE above grave	nd Steel pit
If so, please describe anticipated pit waste:	
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 complet	ed form WW-9-GPP)
Underground Injection (UIC Permit Number_	
Reuse (at API NumberOff Site Disposal (Supply form WW-9 for disp	ocalla action)
Other (Explain	
Will closed loop systembe used? If so, describe: N/A	
Drilling medium anticipated for this well (vertical and horizontal)? Air, fr	eshwater, oil based, etc. N/A
-If oil based, what type? Synthetic, petroleum, etc	
Additives to be used in drilling medium? N/A	
Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc.	N/A
-If left in pit and plan to solidify what medium will be used? (cer	nent, lime, sawdust)
-Landfill or offsite name/permit number?	
Permittee shall provide written notice to the Office of Oil and Gas of any le	
West Virginia solid waste facility. The notice shall be provided within 24 has where it was properly disposed.	ours of rejection and the permittee shall also disclose
I certify that I understand and agree to the terms and conditions of on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of the Control of	f the GENERAL WATER POLLUTION PERMIT issued
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 application form and all attachments thereto and that, based on my inquiry	of those individuals immediately responsible for a beautier
the information, I believe that the information is true, accurate, and com	plete. I am aware that there are significant nengline for
submitting false information, including the possibility of fine or imprisonm	ent.
Company Official Signature	OFFICIAL SEAL NOTARY PUBLIC
Company Official (Typed Name) J. Scott Freshwater	STATE OF WEST VIRGINIA David N Brannon
Company Official Title Managing Member	59 Deco Lane
	Chloe, WV 25235
Subscribed and sworn before me this 19 day of Septem	22
day of Septem	Der , 20 22
Havid 1- Brannen	Notary Public
My commission expires fleember 14, 2022	
	10/21/202

Form WW-9			4706101	
- Cana 11 11 7		Operator's W	/ell No	
Proposed Revegetation Treatms	ent: Acres Disturbed .5	Preveg etation p	_H 5.5	
Lime 3	Tons/acre or to correct to			
Fertilizer type	-12-20 or sinily	^		
Fertilizer amoun	500	_lbs/acre		
Mulch_ Hay		ns/acre		
	<u>s</u>	eed Mixtures		
Temp	Drary	Perma	Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre	
Orchard Grass	25	Ladino Clover	5	
Red Top Clover	15	KY 31	40	
L, W), and area in acres, of the l	and application area. 7.5' topographic sheet.	ication (unless engineered plans includ water volume, include dimensions (L, v	ing this info have been W, D) of the pit, and dimensi	
an Approved by:	eth Greynolds ON CM - Kanneth Greynolds (PM - Kanneth Greynolds (PM - PM	ids omail = Kenneth L D O = W/DEP OU = Oil and Gas -04900		
omments:				

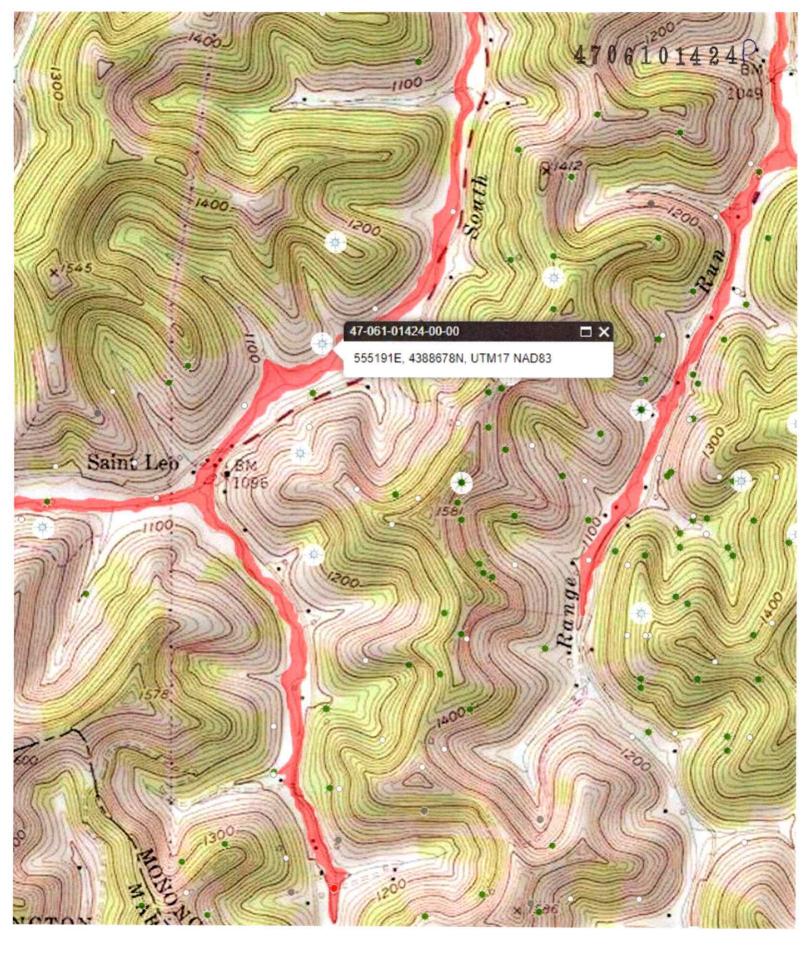
Date:

(____)No

Title: Land Manager

(_____) Yes

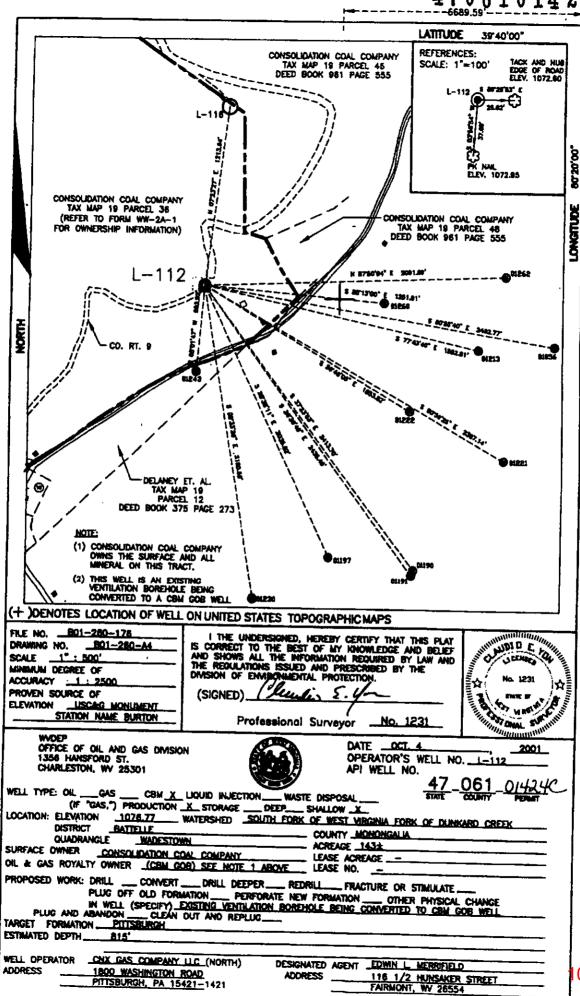
Field Reviewed?





West Virginia Department of Environmental Protection Office of Oil and Gas

WELL LOCATION FORM: GPS				
API: 47-061-01424	WELL NO.:	-112		
FARM NAME: Consolidation Coal Co.				
RESPONSIBLE PARTY NAME: Monument Oil & Gas, LLC				
county: Monongalia	Ba	ttelle		
QUADRANGLE: Hundred	WARRSTOWN			
SURFACE OWNER: CNX RCPC LLC-Murray American Energy				
ROYALTY OWNER: CNX RCPC LLC-Murray American Energy				
UTM GPS NORTHING: 4388678				
UTM GPS EASTING: 55519	1 GPS ELEVAT	_{ION:} 1076		
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.				
Dy Dm	Land Manager	09/19/22		
Signature	Title	Date		





7,444.60



Kennedy, James P < james.p.kennedy@wv.gov>

Plugging permits issued for 4706101425, 06101424

1 message

Kennedy, James P < james.p.kennedy@wv.gov> Mon, Oct 17, 2022 at 1:01 PM To: Doug Douglass <ddouglass@csiofwv.com>, Kenneth L Greynolds <kenneth.l.greynolds@wv.gov>, mmusick@assessor.org, jdevincent@assessor.org, kliller@assessor.org

To whom it may concern, plugging permits have been issued for 4706101425, and 06101424.

James Kennedy

WVDEP OOG

3 attachments



4706101425.pdf 1990K



IR-8 Blank.pdf 237K