

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

Friday, April 8, 2022 WELL WORK PLUGGING PERMIT Vertical Plugging

COLUMBIA GAS TRANSMISSION, LLC STORAGE TECHNICAL SERVICES - 6TH FLOOR 1700 MACCORKLE AVE. SE. CHARLESTON, WV 25314

Re: Permit approval for 0 47-051-00777-00-00

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.

lames Chief

Operator's Well Number: Farm Name: U.S. WELL NUMBER: Vertical Date Issued: 47-051-00777-00-00 Vertical A/8/2022

Promoting a healthy environment.



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. <u>Failure to adhere to the specified</u> 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.

	B 2/01	1) Date February 3 , 20 21 2) Operator's
	47051	00777 Well No. Victory B 2604
		3) API Well No. <u>47-031 - 0077700-00</u>
		EST VIRGINIA
	DEPARTMENT OF ENVI	- '' 이렇게 하는 것 같아요. '' '' '' '' ''' ''''''''''''''''''''
	그가 제가 것 것 그렇지 못 못 것 같아? 약 것 같아? 감정 감정 감정 것 같아요. 그 것이 가지 않는 것 같아요. 이 것 같아요. 가지 않는 것 같아?	OIL AND GAS
	APPLICATION FOR A PERI	MIT TO PLUG AND ABANDON
4)	Well Type: Oil/ Gas X/ Liquid	d injection/ Waste disposal/
	(If "Gas, Production or Und	derground storage X) Deep / Shallow X
		사람의 성용을 가지는 것은 것이 가지 않는 것을 가지 않는 것이 가지 않는 것을 가지 않는 것을 해야 했다. 이 것은 이 것은 것이 있는 것이 같은 것이 같은 것이 있는 것이 있는 것이 있는 것이 같은 것이 같은 것이 같이
5)	Location: Elevation 1161.8	Watershed Ben Run - A Tributary of Fish Creek
	District Liberty	County Marshall Quadrangle Cameron, WV
	Well Operator Columbia Gas Transmission, LLC	7) Designated Agent Brad Nelson, Storage Engineer
6)		Address 455 Racetrack Road
	Address Too MacConke Avenue S.E., P.O. Box 1273 Charleston, WV 25325	Washington, PA 15301
8)	Oil and Gas Inspector to be notified	9) Plugging Contractor
	Name Barry Stollings	Name Contractor Services, Inc. of West Virginia (ConServ)
	Address 28 Conifer Drive	Address 929 Charleston Road
		Spencer, WV 25276

10) Work Order: The work order for the manner of plugging this well is as follows: Refer to enclosed:

1) Well job plan.

2) Prior to P&A wellbore schematic.

3) Proposed P&A wellbore schematic.

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

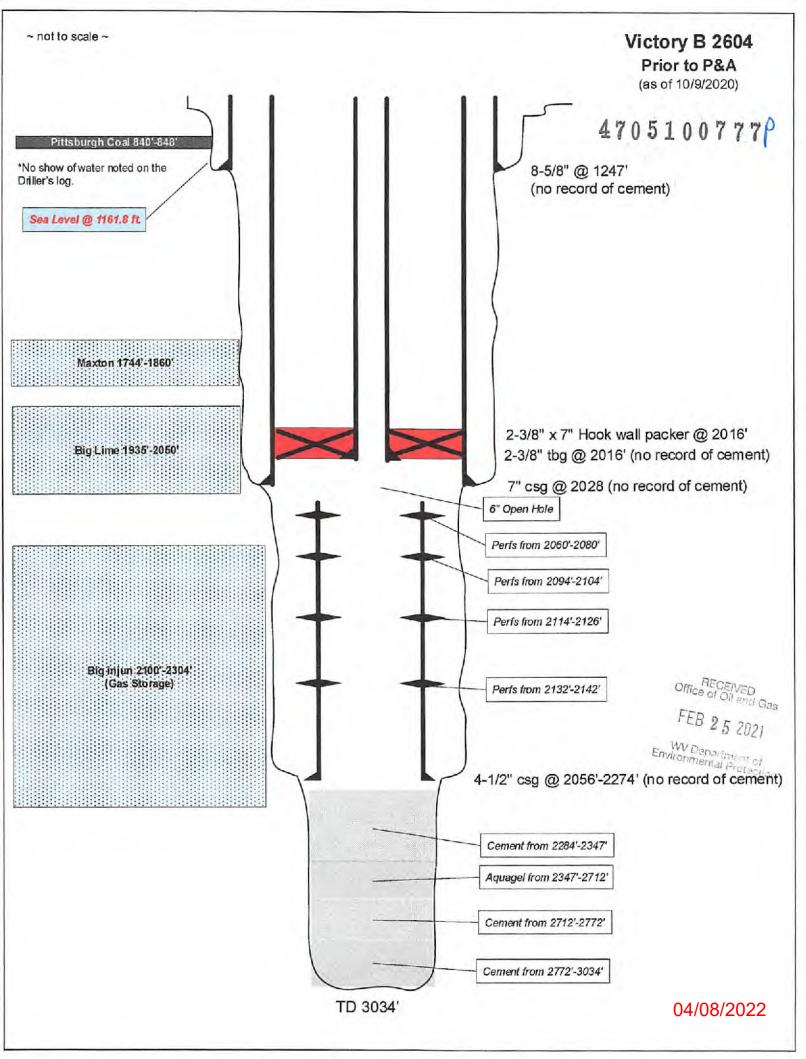
Work order approved by inspector

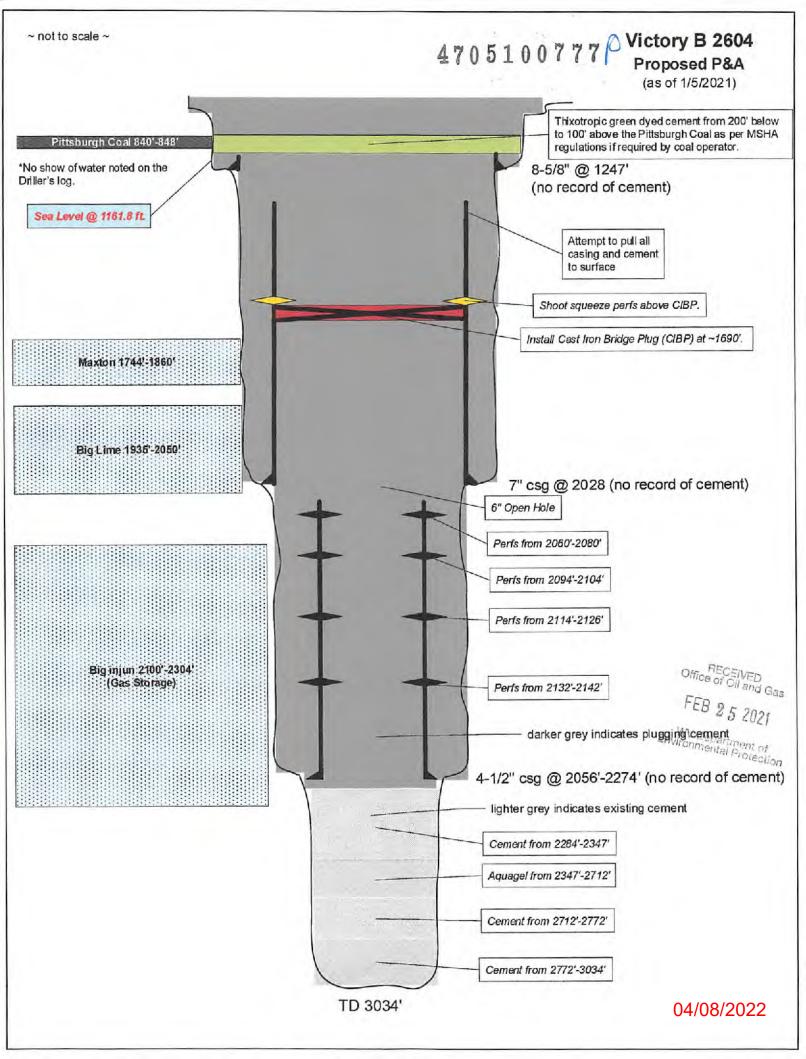
Da

04/08/2022

Date

	DB PLAN	Well Engineering	& Technology	2	PAGE 3	DATE JOB PREPARED: 1/6/202
	Plug and Abandonment	and the second				LAST PROFILE UPDATE:
TITLE:					WORK TYPE:	MOD3
FIELD:		WELL:	2604			
STATE:		SHL (Lat/Long):	39.783330	-80.56333	API:	47-051-00777-00-00
TWP:	Liberty	BHL (Lat/Long):	39.783330	-80.56333 ROCEDURE	CNTY:	Marshall
_			P	ROGEDURE		
						· · · · · · · · · · · · · · · · · · ·
1	Obtain NRP clearances, T	OPs, pipeline crossing eval,	etc.			4705100777
2	Obtain State plugging perr					~1007001111
3		ng & Geosciences (REG) of	intent to take we	I out of service		
4	Notify environmental inspe		inconcio auto in			
5		well site. Install ECD's per E	MACP			
6	Service all wellhead valves		inter i			
7	Document initial tubing / ca					
8		flowstring and all annuli, to	unload any lighte	r density fluid in well	hore	
9		nuli with kill fluid. Load TFV			DOIB.	
10		low down and load all annul			nill sheed of kill	
11		a couple days and top well			pur arread or kin.	
12		a couple days and top went		ecessary.		
	MIRU service rig.	the also have to be an address and a		and an Builda		
13		wback tank to monitor and c		nular nulos.		
		in one day to maintain we				Charles and the second
14		NU 7-1/16" BOP equipment			sg. Need kill / choke out	ets below blind ram.
15		gh to 250/1000 psig. Press				11.1 million (11.1 million)
16		good kill fluid to surface, and	a condition hole.	Pull 2-3/8" tubing/pa	cker. Pull tubing slowly to) prevent swapping.
1.2.1	Maintain trip tank volumes					
17	Replace pipe rams to acco		iner a mark to a	inter in a second	States and the states in a	
18		tricone bit and work string.			bottoms up and TOOH.	
19		erator, and attempt to pull u				
21		t balanced bottom cement p				
21	WOC and tag cement top.	TOOH. If cement top is dee	eper than 1900', t	hen install second ce	ment plug	
22	Install 7" CIBP above cem					
		eer on the following perf and				
23		erform injection / circulation				
24a	If injection / circulation esta	ablished, circulate kill fluid to	clean hole if circ	ulation established,	set cement retainer and s	squeeze cement with calculated
100		queeze perfs and 1300'. Wo				
24b	If injection / circulation not	established, cover perfs wit	h 200' cement pl	ug.		
	Consult with WE&T Engin	eer on the following steps; p	rocedure may ne	ed altered based on	results of squeeze ceme	nting in above steps
25	Remove BOPs, install pull	ing nipple on 7" casing and	dress 8-5/8" casi	ng to accommodate I	BOP equipment.	
26						ent low / high to 250 psig / 500 psig.
27		out / pull all casing that is fre			adden for a first fragment	Contraction and the other second
28		nstall balanced cement plug		o of last cmt plug to	1300'.	
		nt top. If cement top is less t				
	troo official and ang conten		and the training	and a Later remember	in the second	
	Note that it is imperative	that we're confident that	we've installed	a competent cemen	t barrier across the bor	rehole for well control prior to proceeding
	with next steps. Consul		ne re motanea	a competent comen		
29	ND BOPs.	t mar trizar engineer.				
30	Drive 10' to 20' of 13-3/8"	casing				
31		asing. If unable to pull, wirel	ina fraancist Cou	anult with WERT End	inear	
		er perf and squeeze or cut /				o surface
32		ards then cement plug acro				D Suitace.
22	1 00 0				ayed unxou opic.	
33	A second s	balanced cement plug(s) fro	an top of last plu	y to surface.		
34	Top off well and all remain	· · · · · · · · · · · · · · · · · · ·		mbar		Cita
35		0" above GL, tack weld cap		mper.		Office SELVERS
36		astic Columbia Gas line mar	ker.			- an unit é la labe
37	Reclaim road and location					FED a
						Omice of Offering Gas FEB 2 5 2021
						In
						Environ Department
						in onmental Proto
						WV Department of Environmental Protection
	A Second Second				Common and the second	
EPARE	D BY: Brad Nels	on REVIEWED BY:			APPROVED:	
CD DAT	re.					
EP DAT	E: 1/6/2021	r				





BTATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

47051007778

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIED IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

M. A. Henna Coal Company	The Manufacturers Light & Heat Company
Cadiz, Ohio Attention: T. J. Henderson	800 Union THIS C Building "" Pittsburgh 19, Pennsylvania
ADDRESS	COMPLETE ADDRESS
Mary A. Turner Heirs	March 29, 19.65
COAL OPERATOR OR OWNER	WELL AND LOCATION
C/o Herman Turner, Attyin-Fact	Liberty District
ADDRESS	
Hundred, West Virginia	Marshall County
LEASE OR PROPERTY OWNER	Well No. 2604
ADDRESS	
	Alfred Turner Farm

STATE INSPECTOR SUPERVISING PLUGGING Bryan Shuman, Wileyville, West Virginia

AFFIDAVIT

22'

STATE OF WEST VIRGINIA,

County of Marshall Phillip D. Whipkey

and Dale E. Yeater

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by The Manufacturers Light & Heat Co. well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 23rd day of December ______, 19_64_, and that the well was plugged and filled in the following manner:

BAND OR ZONE RECORD	FILLING MATERIAL	Casting total	CA	BINO
FORMATION		DIZE & KIND	Cag PullED	CEN LEFT IN
30341	Total Depth	10-3/4"	0	1351
30341 to 27721	Aquagel	8-5/8m	0	12471
27721 to 27121	Cement	7*	0	1994
27121 to 23471	Aquagel	1.m1/2"	20561	2181
23471 to 22641	Cement			
	Note: All plugging material	100	2122232123	
	run by Well Service Inc.,	TIBE	A 93	1
	using 2-3/8" Tubing.	100	· · · · · · · · · · · · · · · · · · ·	3
		122	117255	R
			FEIVED	23
			Virginia of Mines	
		600	106782	7
COAL BEAMS			TOP NONUM	ENT
INAME Pittsburgh	(840' to 848')	Partial Plug	Only	
(HAHE)				
(NAME)				

and that the work of plugging and filling said well was completed on the <u>15th</u> day of <u>March</u>, 19 65.

And further deponents saith not.

Sworn to and subscribed before me this 50 /R

Notary Publi<mark>04/08/202</mark> Permit No. MARS-A-PP

19.65

July 7, 1970 -----

My commission expires:

470 5.1,00 777P Spudder

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

[] Cable Tools x

Storage

Oil or Gas Well Storage

Quadrangle ____

Permit No. MARS-4744-PP

WELL RECORD

The set of			Oil or	Gan Well Dtorage
Company The Manufacturers Light & Heat Company Address 808 Minion Trust Buildge, Pghe 19, Panna, Farm Alfred Turner Arres 110	Casing and Tubing	Used in Drilling	Left in Well	Packers
Big Run Well No	Size OD			Kind of Packer
The surface of tract is owned in fee by John Me Straight	10_ 10-3/4"		1351	
R D # 5 Address Cameron, W.Va.	814_8-5/8"		12471	w/u"x2" Swage
Mineral rights are owned by Mary A. Turner Hrs.	656.7"		19941	Depth set 20161
(Herman Turner Agt.) Address Hundred, W.Va.	5 3/16] beprin nee
Drilling commenced December 23, 1964	3 4-1/2"		2181	Perf. top20601
Drilling completed March 15, 1965	2 2-3/8"	20161	20161	Perf. bottom_20801
Date Shot N/A From N/A To N/A	Liners Used			Perf. top209141
With Well not Shot				Perf. bottom_ 21.04"
Ope Flow 0 /10ths Water in 1/11 Inch				2114-212682132-2
/10ths Mere, inInch VolumeNone Cu. Ft. Rock Pressure50lbslbslbslbslbslbslst Li8hrs. OilNone bbislst 24 hrs. WELL ACIDIZEDNot Acidized Not Acidized WELL FRACTUREDNot Fractured Not Fractured	No C COAL WAS EN 840 FEET	COUNTEREI	Tubing Co AT 840 HES 848	

RESULT AFTER TREATMENT_ N/A

Fresh Water	N/A	Feet	N/A	Salt Water	N/A	Feet	
Formation	Color	Hard or Soft	Тор	Battom	Oil, Gas or Water	Depth	Remarks
Attsburgh Coal			840'	848*			
furphy Sand			10051	10251			
dttle Dunkard	1		12051	1230'			
st Salt Sand			14961	1544"			
nd Salt Sand			16221	16351			
rd Salt Sand			1740'	1764"			
laxton Sand.	1		1834'	1893'			
Hg Lime			19601	19921			
Hig Injun Sand			19941	2264	38' of Shal	e, 2148'to 2	170', Original
Cotal Depth				22841	Gas Pay 213 year of 192 in 1929. Th	4 to 2136", 1 to 1929. 1 is Well in r	produced from

Note: The Original 10-3/4", 8-5/8" and 7" Casings were not disturbed, not the original 10-3/1", 0-5/6" and 7" Casings were not disturbed, not camented. 2-3/8"X 7" Hook Wall Packer with 4"X 2" Swage Nipple on top was set at 2016'. 218' of Original 1000 4-1/2" Tubing left in hole, 2056 to 22711'. Original 4-1/2" Tubing perforated as follows: 2060-2080', 2094-2 04', 2114-2126' and 2132-2142', perforated by Schlumberger Well Survey Corp.. Well plugged back as follows: 3034-2772'Aquagel, 2772-2712' Cement, 2712-23h7*Aquagel, 23h7-228h' Ocment.

14/08/2022

BTATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS DIVISION

47051007778

Quadrangle_

Permit No Mano 474-19

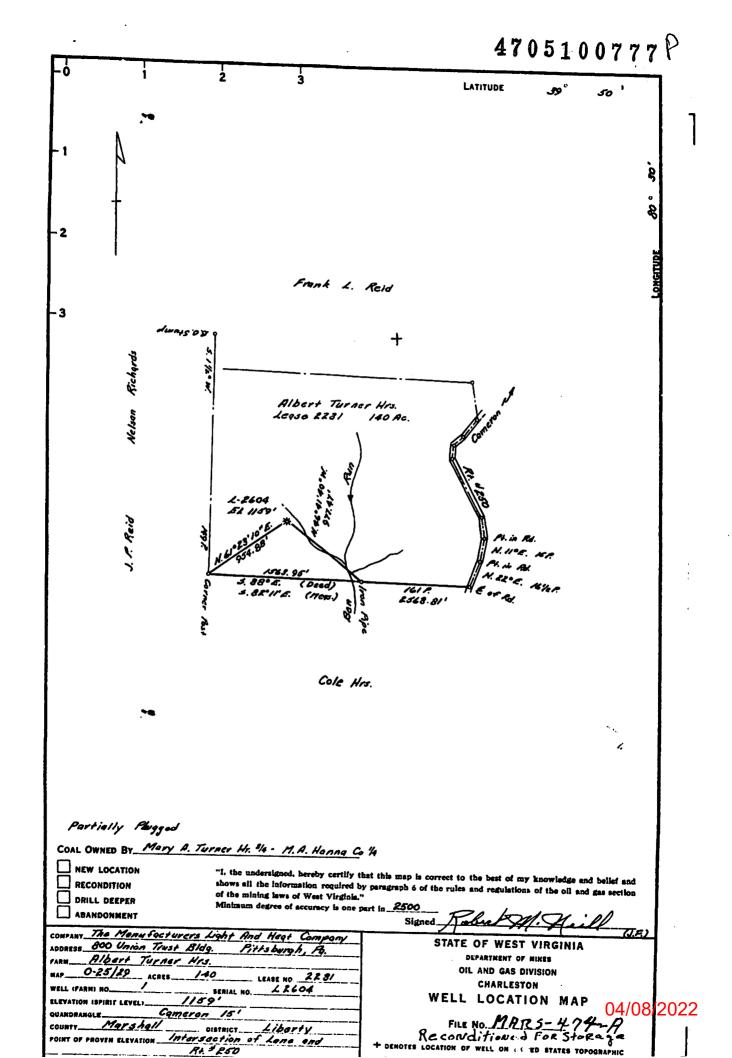
WELL RECORD

Address P Farm Alf	red Turner	Pennsylvani Pennsylvani Heirs	and Heat Co.	Casing and Tubing	Used in Drilling	Laft in. Woll	Packers
Location (wate	(ra)	neirg	Acres 140	Size			
Well No	2604		11501	16			
District_Li	berty	County Man	rshall	13			- Kind of Packer
The surface of	tract is owned	in fee by Her	man Turner.	10	11.0		
Attyin-	Fact	Address Box 6	8, Hundred,	814			Bize of
				656			Depth set
D-UIV	1 Marsa	Address		5 3/16	2263'4"	2263'4"	Dopta sot
Drilling complet	ad Apr	11 0 1020		8			Perf. top
Date Shot	Fr	om	'a				Perf. bottom
With			a	Liners Used_			Perf. top
Open Flow	/10ths Wate	r In	Inch				Perf. bottom
	_/10ths Merc	, in	Inah		MERO		
olume				CASING CEME	NTED	SIZE	No. FtDat
tock Pressure	300	lba.	hre		the second second	1	
Proch water			_bbls., 1st 25 hrs.				FEETINCHES
alt water		feet	feet				FEETINCHES
		leot	feet	FEET.	INCH	ES	FEETINCHES
Formation	Color	Hard or Boft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
		THICKNESS					
Beginning	at		2136				
Big Injun	Sand	260		1		S	
	panu	200	2044	2304	Little	Gas 212	+ - 2123 - 2130
Slate and	Shells	236	2304	2540			
Lime white	hard	30	2580	0(10			
T			2,00	2610			
Lime white	hard	20	2700	2720			
Fifty-foot		25	2828	2853	Cer 28	20 6 7	- 50/10" W. in
white ha	rd	V			2" Opr		. 54/10" W. in
3late & Sh		40	2853	2895			
white ha	rd		2005	2095			
Slate - wh	trasoft	25	0000	1.1.1			
	•	-27	2930	2955			1
Gordon San		35	2895	2930			
white has	rd						
Fourth Sand	d - white	hard 6	2955	2961			UNUS STATE
			-222	2901	Gas 29 4" Opn	58 - Pay-	22/10" W. in
Slate - whi	te soft	73	2061		. 021		
		15	2961	3034			
TOTAL IN	वाराम		3034				
Slate & She	lls white	136	2304	OF ho	1		
				2540	6.9	1112131415 A 131415	8 F
ime - whit	e hard	20	2540	2560	6	A 0	
	ils - whit	e 20	2560	0580	42	Sec.4	
Slate & She			-,	2580	m min	EIVED	····
1000	4				N 12.11	V. V. D	
Slate & She Slate - whi ime - white		10	2610	2620	R SPECIAL	Virunia of hince	04/08/202

(Over)

4705100777P Form 109 IM 5-26 Pada 25 the mind i that Division 20.6 248 Fourth Ave., Pittsburgh, Pa. Record of Well No. 260- on 1 marshall County 3: 7 - State Can - Field District al a Dir march !! marcine 11the 1929 192 . Rig Commenced Completed aprel 92 1929 192 . mant Drilling Commenced Completed Cameron ?? is Cost per Foot Edura ... Address Contractor Drillers' Names The Suthres Tiene ... i. 11 C. Keller AH Versen ENGINE RIG BOILER Name of Builder Nama of Maker Name of Maker 510 Height H.P. No. New H. P. No. CONDUCTOR AND CASING USED IN DRILLING 655 inch 634 inth . 546 inch 5.4 insh Sinch A cash 13 inch 10 inch Rig mak 2263-CONDUCTOR AND CASING LEFT IN WELL J inde Str inch 10 loch ats inch ass inch est inch 351 inch 5 linch + links Conductor 15 mpch 22/24 X GAS WELL OIL WELL Size of Packer Depth Set Packed with Het Manufe Pressure Rock Pressure 1st Day's Roda Tarks Size of Torpedo Tubing When Shot 5% X 13 Male, 5% 3. 300 # REMARKS Bottem Thickness FORMATION Top 17 25 · 0 : Big Soupe . word 2044 - ... 10 1, 1: C. 2124 - 2123 2130 white hard 2304 State de x' dian 6" Fifty-fort Some That 2828 2 5 and w Sas 250 5 .: - To Him 2 of ... --Slate & Augule Ign 2850 1 . 10 15 Gordon Sand white 2095 Sas 2958 - Very 20" Hand of a . 5 Slater white est to ??? sin winto wife 2.961 110000 inft Fall. A. 2304 2540 136 flate & Shello white 1540 2500 20 ne white have 20-10 2580 41 State & shills white Office of Oil and Gas 261- 2620 10 Slato white soft Statest Shellow to hard 2620 2630 10 FEB 2 5 2021 2665 1 2,700 60 Slater & hells white 2721 2760 41 W Departn, Wronment_Th, Alerte white soft -1. 2821 oferend stigt supe Enamined above inform what denth Oil, Gas or Water was NOT -- The shore bland matimat and known sands must be given by their proper many. found, the quantity of same, the quality of the and, and thick as memorands of boiler and engine if owned by contractor. 04/08/2022

4705100777 Form 109 1M-7-17 Pada 25 2604 The man for Company 245 Fourth Ave., Pittsburgh, Pa. Division Samero Record of Well No 2604 on a Cilfred Turner Farm Acres Field Scherty District Mar County Ut UA. State 1980 1970, Completed Oct 27 Oct 21 **Rig Commenced** Completed Jan. 8 19.07 Drilling Commenced DEC 5 1920. Contractor Saul m martin Address Courson WUn. Cost per foot 2,85 R L. Abughen. Drillers' Nomes Q- W farms RIG BOILER ENGINE Height Name of Builder Name of Maker OL H.P. No. Name of Maker H.P. No. New CONDUCTOR AND CASING USED IN DRILLING onductor 13 inch 10 Inch Bli Inch 6% Inch 614 inch 5% inch 5 + inch 5 Inch 4 Inch 16 25 124 2028 CONDUCTOR AND CASING LEFT IN WELL 0% Inch 6% Inch 5% inch 5 th inch 5 inch 4 Inch 3 inch Conductor L3 tach 10 inch ald inch 1347 2028 OIL WELL GAS WELL Size of Torpedo Int Day's Production Tanks When Shot Tubing Rods Size of Packer Depth Set Packed with Pressure Rock Pres FORMATION Top Bottom Thickness REMARKS Sand. 25 50 45 How full of water Path Coal 1870 879 9 Lattle Durpars. 27 12.75 1315 40 Big Duntand white 1390 1405 15 bbs Sand while in 1461 1575 12+ falt fand 1990 1710 1760 2 falt fand 1990 1835 1885 Inozon " inter care 1710 1960 Ture fime white and 1787 1999 114 7 baccero water up A1565-50 50 Some white have 874 800 ST yes fresh white have 920 450 20 12 Danie 920 900 30 Verend Cone. 4. They Jack 1499 2003 950 1005 1/5 By Time 1 to 1. 2003 1-044 41 In the mother to day to 100 5 1030 20 Big au un that and 2044 int. 1030 1100 70 Mrs Junk. 1100 1125 23 11-5 1200 4 Spilling of Oil and Gas April while have 1120- 1105-30 Total Difth 2136 Later 1210 FEB 2 5 2021 and then. 1200 La lich ... Slate black 1:-1 15 50 1215 1260 1275E WV Department of 13/5 93 90 75 Promental protection real thank 150 -1 4 1 12 white kard 70 slater shells 155 22 Mate white 2:5 307 une vivi harda 1405 1410 2.11 hand white have 331 hend white hard 300 1410 145644 me white 3-1 50 Lisio, Mille lary : -1075 1710 30 52 Sigtes Links 110 - U - 1 1835 75 17.0 I dach noves +5-1 Vetig Le le Slate 6:0 127 11:5 1910 25 dista black Hed I sale 12 1960 1987 28 410 - 7-17 FOLION ame white early 1) 410 702 sand white hard 11 at a134 70-1 50 7:0 yate black 70 The Sector 2134 750 122 ine 12 \$70 ad and approved by Construction Superintendent of Co. the bill for drilling. ormations and known , with steel line measurements, and under the the quality of the sand, and thickness of pay. head of "Remarks" must be recorded in what sand and 04/08/2022



WW-4A Revised 6-07

1) Date: 2/3/2021

2) Operator's Well Number Victory B 2604

3) API Well No.: 47 -

- 007770000

051

4705100777P

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4)	Surface Own (a) Name	er(s) to be served: Garrett D. O'Neil and Amy L. O'Neil	5) (a) Coal Operator Name	CONSOL RCPC, LLC
	Address	9860 Fork Ridge Road	Address	1000 Consol Energy Drive, Suite 100
		Glen Easton, WV 26039		Canonsburg, PA 15317
	(b) Name		(b) Coal Owr	ner(s) with Declaration
	Address		Name	CONSOL RCPC, LLC
			Address	1000 Consol Energy Drive, Suite 100
				Canonsburg, PA 15317
	(c) Name		Name	Murray Energy Corporation, American Consolidated Natural Resources, Inc.
	Address		Address	46226 National Road
				St. Clairsville, OH 43950
6)	Inspector	Barry Stollings	(c) Coal Less	ee with Declaration
	Address	28 Conifer Drive	Name	Not leased.
		Bridgeport, WV 26330	Address	
	Telephone	304-552-4194		
	그는 것은 것을 가지 않는 것을 가지 않는 것을 가지 않는 것을 가지 않는 것을 하는 것을 수가 있다.			그는 그는 것 같아요. 그는 것 같아요. 그는 것 같아요. 가지 않는 것 않는 것 같아요. 가지 않는 것 같아요. 가지 않는 것 같아요. 가지 않는 것 같아요. 가지 않는 것 않는 것 같아요. 가지 않는 것 않는

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following document HECEIVED Office of Oil and Gas

- (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 FEB 2 5 202
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

WV Department of

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions Environmental Restection 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	Columbia Gas Transmission, LLC	
	By:	Brad Nelson Bul Theh	
Commonwealth of Pennsylvania - Notary Seal	Its:	Storage Engineer	
Claine Rybski, Notary Public	Address	455 Racetrack Road	
Allegheny County My commission expires May 11, 2022		Washington, PA 15301	
Commission number 1332803	Telephone	724-250-0610	
			Commonwealth of Pennsylve County of <u>Alleghene</u>
Subscribed and sworn before me thi	s <u>3</u> da Elaine	ay of <u>February</u> 2021 Mybski Notary Pul	
My Commission Expires 5/11/	2022		

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 <u>depprivacyoffier@wv.gov</u>.

4705100777 Columbia Pipeline Group 1700 MacCorkle Ave. SE

P.O. Box 1273 Charleston, WV 25325

February 4, 2021

Garrett D. O'Neil and Amy L. O'Neil 9860 Fork Ridge Road Glen Easton, WV 26039

Columbia Gas Transmission, LLC is applying for a permit to the WV Department of Environmental Protection – Office of Oil and Gas, to plug and abandon an existing underground natural gas storage well located on property owned by you. As reference, the field and well ID is Victory B 2604 (API # 47-051-00777-00-00).

As part of the well permitting process, Columbia, the well operator, is required to provide a copy of all applicable permit application forms for your review and record retention.

If you have questions, feel free to call.

Regards,

Brul Ma

Brad Nelson Storage Engineer TC Energy (Columbia Gas Transmission, LLC) brad_nelson@tcenergy.com off: 724-223-2753 cell: 724-250-0610

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FEB 2 5 2021

WV Department of Environmental Protection



February 4, 2021

CONSOL RCPC, LLC 1000 Consol Energy Drive, Suite 100 Canonsburg, PA 15317

Columbia Gas Transmission, an underground natural gas storage operator, is planning to plug and abandon a storage well (API # 47-051-00777-00-00) in Marshall County, WV. Records indicate that CONSOL RCPC, LLC may own the coal on subject property.

To comply with WV DEP Code, Columbia is required to provide the coal owner the following documents as notification and for processing.

- WV DEP form WW-4A (Notice of Application to Plug and Abandon a Well)
- WV DEP form WW-4B (<u>Application for a Permit to Plug and Abandon</u>)
- · Copy of survey plat
- · Proposed method of plugging
- Wellbore diagram (prior to plugging)
- Wellbore diagram (proposed plugging)

If you have questions, feel free to call.

Regards,

Bred Rel

Brad Nelson Storage Engineer TC Energy (Columbia Gas Transmission, LLC) brad_nelson@tcenergy.com off: 724-223-2753 cell: 724-250-0610

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04/08/2022

47051007778



1700 MacCorkle Ave. SE P.O. Box 1273 Charleston, WV 25325

February 4, 2021

Murray Energy Corporation American Consolidated Natural Resources, Inc. Attn: Mason Smith 46226 National Road St. Clairsville, OH 43950

Columbia Gas Transmission, an underground natural gas storage operator, is planning to permanently plug and abandon a storage well (API # 47-051-00777-00-00) in Marshall County, WV. Records indicate that Murray Energy (American Consolidated Natural Resources, Inc.) may own the coal on subject property.

To comply with WV DEP Code, Columbia is required to provide the coal owner the following documents as notification and for processing.

- WV DEP form WW-4A (Notice of Application to Plug and Abandon a Well)
- WV DEP form WW-4B (Application for a Permit to Plug and Abandon)
- · Copy of survey plat
- · Proposed method of plugging
- Wellbore diagram (prior to plugging)
- Wellbore diagram (proposed plugging)

If you have questions, feel free to call.

Regards,

But Min

Brad Nelson Storage Engineer TC Energy (Columbia Gas Transmission, LLC) brad_nelson@tcenergy.com off: 724-223-2753 cell: 724-250-0610

RECEIVED Office of Oil and Gas

FEB 2 5 2021

WV Department of Environmental Protection

Company Official Signature <u>LPRON 7 Prod</u> Company Official (Typed Name) Brad Nelson Company Official Title Storage Engineer Subscribed and swom before me this 3 day of February 2021 Elem Multi Elaine Multi Notary	007770000
DEPARTMENT OF INVERONMENTAL PROTECTION DEFICE OF OIL AND GAS FLUIDS/ CUTTINGE DISPOSAL & RECLAMATION PLAN Operator Name_Columbia Gas Transmission, LLCOP Code_907032 Watershed (FLUC 10)_Ben Run - A Tributary of Fish CreekQuadrangle_Cameron, WW Do you anticipate using more than 5,000 bils of water to complete the proposed well work? Yes Will a pit be used? Yes No Fresh water, cement returns, bentomite gel, NaCl self Will a synthetic liner be used in the pi? Yes No If so, what mL? 20 Proposed Disposal Method For Treated Pit Wastes: Land Application (if selected provide a completed form WW-9-CPP) Underground Injection (UIC Pennit Number 34-119-28776, 34-167-28862 Reuse (at AFI Number Off Site Disposal (Supply form WW-9 for disposallocation) Off Site Disposal (Supply form WW-9 for disposallocation) 	
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN Operator Name_Columbia Gas Transmission, LLC OP Code_307032 Watershed (HUC 10)_Bon Run - A Tributary of Fish Creek Quadrangle_Cameron, WV Do you anticipate using more than 5,000 bils of water to complete the proposed well work? Yes	
Watershed (HUC 10) Ben Run - A Tributary of Fish Creek Quadrangle Cameron, WV Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes Will a pit be used? Yes No If so, please describe anticipated pit waste: Fresh water, cement returns, bentonite gel, NaCl salt Will a synthetic liner be used in the pit? Yes No If so, what ml? 20 Proposed Disposal Method For Treated Fit Wastes:	
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Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee where it was properly disposed. I certify that I understand and agree to the terms and conditions of the GENERAL. WATER POLL on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection provisions of the permit are enforceable by law. Violations of any term or condition of the general permit ar or regulation can lead to enforcement action. I certify under penalty of law that I have personally examined and am familiar with the inform application form and all attachments thereto and that, based on my inquiry of those individuals immediately the information, I believe that the information is true, accurate, and complete. I am aware that there are submitting false information, including the possibility of fine or imprisonment. Company Official Signature Diad Melson Company Official Title Storage Engineer Subscribed and swom before me this 3 day of Febmany 2021 Elaime Mutice Klaime Notary/Rubliogony	WV Departmen Environmental Pro
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Company Official (Typed Name)_Brad Nelson County of _All Company Official Title_Storage Engineer County of _All Subscribed and swom before me this 3 day of 2021 Elem_Multi Elaine_Myshi Notary/Rublicorm	tion. I understand that the and/or other applicable law rmation submitted on this responsible for obtaining
Company Official (Typed Name)_Brad Nelson County of Company Official Title_Storage Engineer	h of Pennsylvania
Company Official Title_Storage Engineer Subscribed and swom before me this3_ day of <u>February</u> , 2021 Elsin_MU: <u>Elaine Mybshi</u> Notary/Publigory	1eghenry
Subscribed and sworn before me this <u>3</u> day of <u>February</u> 2021 <u>Elevine Milii Elaine Mybshi</u> Notary (Publigony	
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	wealth of Pennsylvanic - Notary Elaine Rybski, 1: 1200 Pablic 2 Alleghen - College - State ommission expires May 11, 2022

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4705100777 P Operator's Well No.

Lime 2 Fertilizer type 1			
Fartilizer tuna 1	Tons/acre or to correct to pl		
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Mulch 2	Tons	;/acre	
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Seed Type Annual Rye	lbs/acre 40	Seed Type Ibs/acre Orchard Grass and/or Tall Fescu	ie 29
		Birdsfoot trefoil (empire)	્
		Annual Rye	12
For wetland area	s: Annual Rve (40 lbs/acr	e) until indigenous plants re-establish	cover
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WW-9- GPP Rev. 5/16

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	Page		10
API Number 47	7 - 051	-	00777000
Operator's Well	No.		

N/A

Provide a statement that no waste material will be used for deicing or fill material on the property. 6.

No waste material will be used for deicing or fill material on the property.

Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall 7. provide direction on how to prevent groundwater contamination.

During routine tailgate meetings groundwater protection will be a topic of discussion. ECEIVED Office f Oil and Gas FEB 2 5 2021 WV Department of Environmental Protection

Provide provisions and frequency for inspections of all GPP elements and equipment. 8.

No fertilizer will be stored on site. Small quantities of fuel, oil, and lubrications will be stored on site, but located within secondary containment. Construction equipment will be inspected daily for leaks or spill.

Signature: Bud Net

Date: 2/17/21

4705100777P

WW-9- GPP Rev. 5/16 Page ______ of _____ API Number 47 - 051 _____ 007770000 Operator's Well No.______

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

Operator Name: Columbia Gas Transmission, LLC

Watershed (HUC 10): Ben Run - A Tributary of Fish Creek

Quad: Cameron, WV

Farm Name:

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

No fertilizer will be stored on site. Small quantities of fuel, oil, and lubricants will be stored on site, but located within secondary containment.

Accidental release from well fluids and spills from construction equipment are the only sources of contaminate to groundwater.

All accumulated fluids to be hauled off site to UIC disposal facility.

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

All construction equipment will be inspected daily for leaks. Spill kits will be on site.

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

The closest water body is Ben Run, approximately 0.16 miles to the E. The closest Wellhead Protection Area is approximately 5.90 mi. to the SE - (PWSID WV 3305202 Hundred Littleton PSD).

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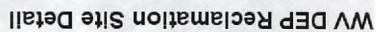
FEB 2 5 2021

W Department of Environmental Protection

4. Summarize all activities at your facility that are already regulated for groundwater protection.

N/A

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

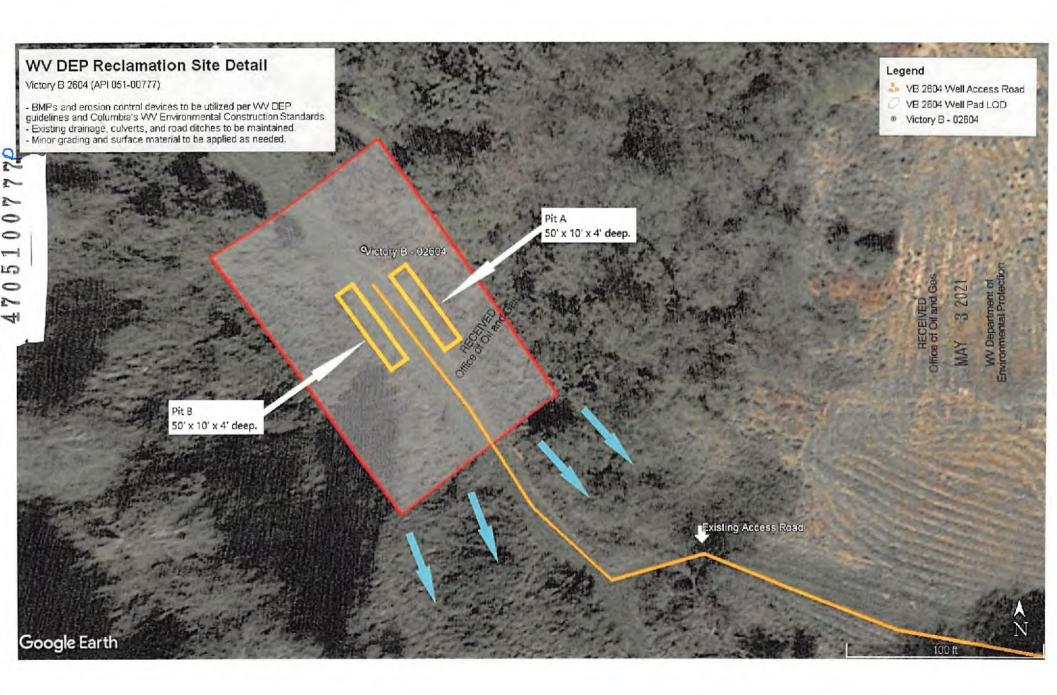


Victory B 2604 (API 051-00777)

 BMPs and erosion control devices to be utilized per VW DEP guidelines and Columbia's VW Environmental Construction Standards.
 Existing drainage, culverts, and road ditches to be maintained.
 Minor grading and surface material to be applied as needed.

Pit A 50' x 10' x 4' deep. Victory B - 02604

9it 8 50' x 10' x 4' deep.



4705100777P



WV DEP Reclamation Site Overview Victory B 2604 (API 051-00777) BMPs and erosion control devices to be utilized per VVV DEP guidelines and Columbia's VVV Environmental Construction Standards. Existing drainage, culverts, and road ditches to be maintained. Minor grading and surface material to be applied as needed. Legend VB 2604 Well Access Road VB 2604 Well Pad LOD Victory B - 02604 Existing Access Road Victory B - 02604 Google Earth 400 ft





Trimble.

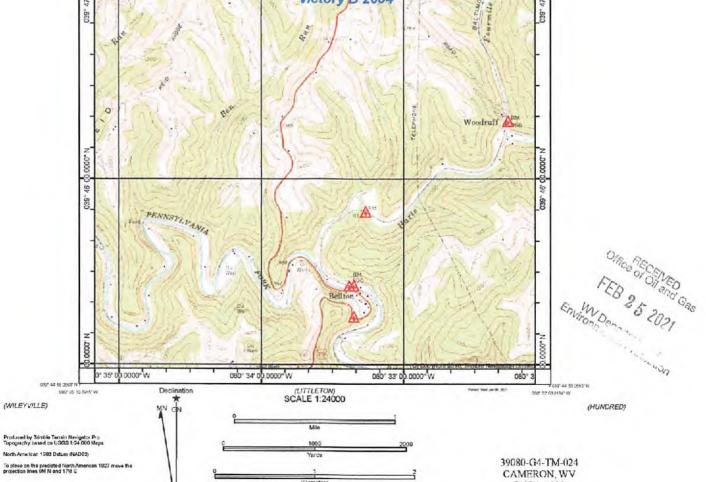
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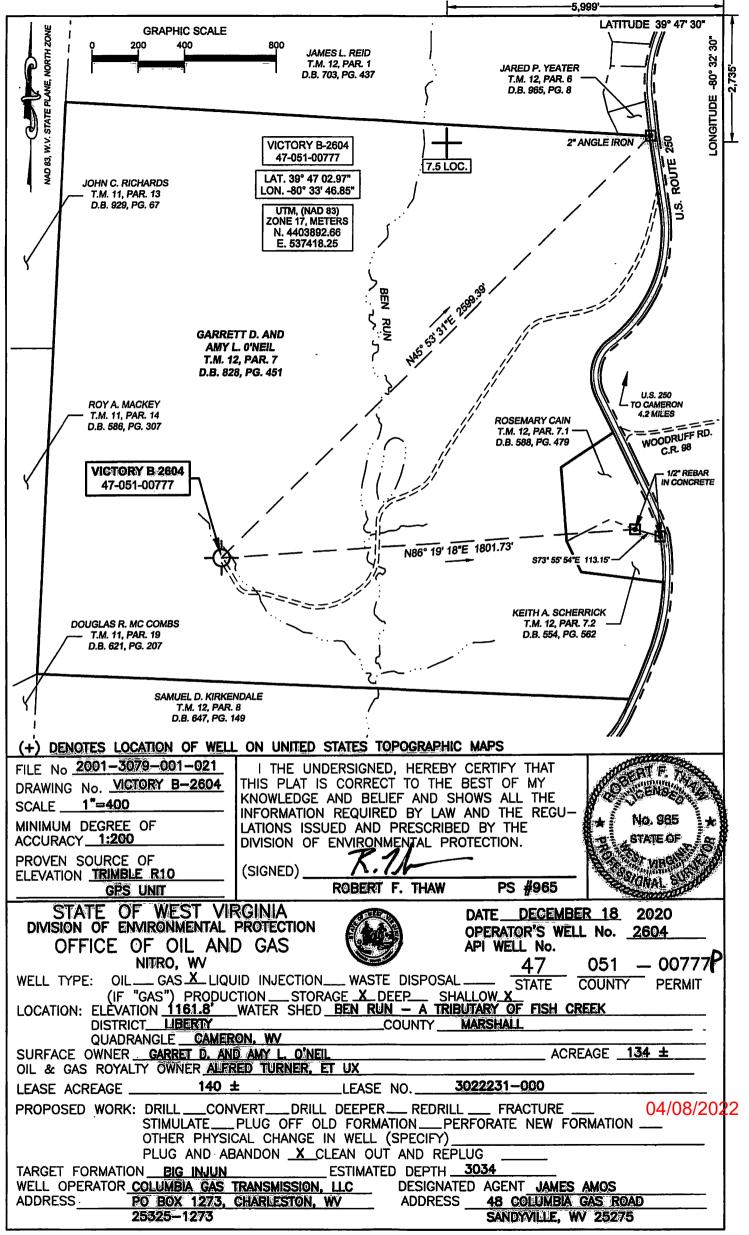
(MOUNDSVILLE)



GN 0.28* E MN 8.73* W

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CONTOUR INTERVAL 20 FT
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04/08/2022



P:\2020\2001-3079-001-021 - TC ENERGY - VICTORY B 2604\50-SURVEY\DWG\VICTORY-B-2604-WELL PLAT.DWG