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## State of West Virginia Department of Environmental Protection - Office of Oil and Gas Well Operator's Report of Well Work

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Office of Oil and Gas

SEP 6 2024

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API 47 - 039 - 01622 County Kar		District Elk	Environmental Protection
Quad BLUE CREEK, WV Pad Name C		Field/Pool Name Co	
Farm name L. H. Gillespie, Et Al	T	Well Number	
operator (as registered with the ood)	s Transmission LLC	1407	
Address 1700 MacCorkle Ave SE City	Charleston	State WV	Zip <u>25314</u>
Top hole Northing	cable	, and deviation survey Easting Easting Easting	
Elevation (ft) 848 GL Type of W	Vell □ <b>New  E</b> xisting	Type of Report	□Interim <b>■</b> Final
Permit Type   Deviated   Horizontal   Ho	orizontal 6A 📕 Vertica	al Depth Type	■ Deep □ Shallow
Type of Operation □ Convert □ Deepen □ Drill	□ Plug Back □ R	edrilling <b>B</b> Rework	□ Stimulate
Well Type □ Brine Disposal □ CBM □ Gas □ Oil	□ Secondary Recovery	□ Solution Mining ■ Sto	rage   Other
Type of Completion ■ Single □ Multiple Fluids I Drilled with □ Cable □ Rotary	Produced □ Brine ■C	Gas □ NGL □ Oil	□ Other
Drilling Media Surface hole □ Air □ Mud □Fres	h Water Intermedia	ate hole	□ Fresh Water □ Brine
Production hole			
Mud Type(s) and Additive(s) N/A. SOW rework existing well - pull tubing out	of hole, run cased ho	le logs, install new AP	I 5K wellhead, perform
CTCO w/ 2,000 gal 15% HCl	ž.		
Date permit issued09/26/2023 Date drilling	commencedN/A	Date drilling co	eased N/A
Date completion activities beganN/A	Date completion	activities ceased	N/A
Verbal plugging (Y/N)N/A Date permission gr	rantedN/A	Granted by	N/A
Please note: Operator is required to submit a plugging a	opplication within 5 days	of verbal permission to plu	ug
Freshwater depth(s) ft 315', 972 - 995'	Open mine(s) (Y/I	N) depths	N
Salt water depth(s) ft none reported	Void(s) encountered	ed (Y/N) depths	N
Coal depth(s) ft none reported	Cavern(s) encount	ered (Y/N) depths	N
Is coal being mined in area (Y/N)			
A. 1 /1/2 01/2	1.6		Reviewed by:

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API 47- 039	_ 01622	Farm nan	ne_L. H. Gill	espie, Et A	Al .	Well r	number_7227	7	
CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft		asket epth(s)	Did cement circulat * Provide details l	
Conductor		existing well	•						
Surface									
Coal									
Intermediate 1									
Intermediate 2									
Intermediate 3									
Production									
Tubing									
Packer type and d	lepth set								
Comment Details									
CEMENT DATA	Class/Type of Cement	Number of Sacks	Sluri wt (pj		Yield t ³/sks)	Volume $(ft^{\frac{3}{2}})$	Cemen Top (MI		OC ars)
Conductor	or comone	existing we		(1	t roko)	144 7	100 (1.12		
Surface									
Coal									
Intermediate 1									
Intermediate 2									
Intermediate 3									
Production									
Tubing									
	t) 5197 tion penetrated cedure	Oriskany							
Kick off depth	(ft) <u>N/A</u>						1		
Check all wire	line logs run	□ caliper □ neutron	□ density □ resistivity		ed/directi a ray		luction nperature	□sonic	
Well cored	Yes   No	Convention	al Side	wall	W	ere cuttings o	collected $\Box$	Yes □ No	
DESCRIBE T	HE CENTRAL	IZER PLACEMEN	NT USED FO	R EACH C	ASING S	TRING N/A		Office of	CEIVED Oil and Gar
								SEP	<u>6</u> 2024
WAS WELL O	COMPLETED	AS SHOT HOLE	□ Yes □	No DI	ETAILS	N/A		ivv Der Environme	partment of ntal Protecti
WAS WELL C	COMPLETED	OPEN HOLE?	□ Yes □ N	o DET.	AILS N/	Α			
WERE TRACI	ERS USED 🗆	Yes □ No	TYPE OF T	RACER(S) I	USED N/	A			

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API	<sub>47-</sub> 039 <sub>-</sub> 01622	Farm name L. H. Gillespie, Et Al	Well number

## PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	N/A	existing well			

Please insert additional pages as applicable.

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## STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)	
	coil tbg	stimulate	OH w/ 2000gal	15% HCI				150 ca6	
								RECEIVE and Go	
								RECEIVED GOS	
								SEP 6 200	,
								SEP (18:3armen pro)	OT OT
								Osignal pro	.0-
								EUAIKOULUE!	
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Please insert additional pages as applicable.

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API 47- 039	_ 01622	Farm	<sub>name</sub> L. H. Gi	llespie, E	t Al	Well numbe	er_7227	
PRODUCING	FORMATIO)	N(S)	DEPTHS					
Oriskany			5170 - 5197	TVD	5260 - 5322	MD		
				_ 1 \ D	-			
Please insert ac	dditional page	s as applicable.						
GAS TEST	□ Build up	□ Drawdown	□ Open Flow		OIL TEST	Flow □ Pum	p	
SHUT-IN PRE	SSURE S	urface	psi Botto	om Hole_	psi	DURATION	OF TEST _	hrs
OPEN FLOW	Gas m	Oil			Water bpd			□ Pilot
LITHOLOGY/	TOR	ВОТТОМ	TOP	BOTTO	M			
LITHOLOGY/ FORMATION	TOP DEPTH IN F				M FT DESCRIBE	ROCK TYPE AN	O RECORD OU	ANTITYAND
roraminon	NAME TVD		MD	MD				IL, GAS, H <sub>2</sub> S, ETC)
existing well	. 0		0					
						v	RECEIVE Office of Oil	end Gas
water and the same of the same							Office of Oil	ario
			-				SEP 6	2024
							MA Debs	inment of
							Environment	Lai ·
							7	
								and the second s
Please insert ac	lditional pages	s as applicable.						
Drilling Contra		/ell Services						
Address 474 Inc	dustrial Blvd		City	Wooster		State OH_	Zip <u>4469</u>	)1
Logging Comp	any Baker Atla	as						
Address PO Bo			City	Dallas		State _TX_	Zip _7530	3-1057
Cementing Cor	nnany and Pi	umping Next L	VL					
Address 736 W	Ingomar Rd, Uni	its 268	City	Ingomar		State PA	Zip 1512	7-6613
-						90 0000000		,
Stimulating Co Address 2828 T		D Energy Service		Woodland		Ctata TX	7: 7738	1
		s as applicable.	City	TTOOGIGITU		_ State	Zip _7738	
	11	1.0						
Completed by	Maria Medve	deva		io10/ !! -	Telephone	304-410-4313	00/00/24	
Signature	1 popul	my C	Title Se	enior vvelis E	Engineer STS	Date _	09/03/24	
Submittal of Hy	drauke Fract	uring Chemical 1	Disclosure Infor	mation	Attach conv. of	FED ACEOCIT	S Pogistry	

## Columbia Gas Transmission, LLC

1700 MacCorkle Ave., SE, Charleston, WV, USA 25314



September 5, 2024

WV DEP – Office of Oil & Gas 601 57<sup>th</sup> Street, SE Charleston, WV 25304-2345 RECEIVED
Office of Oil and Gas

SEP 6 2024

WV Department of Environmental Protection

Enclosed is the post well work permit application for the following Columbia Gas Transmission existing storage well:

Coco B 7227 (API 47-039-01622)

If you have questions, feel free to call.

Regards,

Maria Medvedeva

Senior Wells Engineer

Well Engineering & Technology Columbia Gas Transmission, LLC

Mob: 304-410-4313

maria medvedeva@tcenergy.com