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

API 47_033_3185 County Ha	arrison District Grant
Quad West Milford Pad Name	NA Field/Pool Name Kennedy Storage
Farm name Joseph Cheuvront	Well Number BW-7849
Operator (as registered with the OOG) Eastern Gas	s Transmission and Storage, Inc.
	y Bridgeport State WV Zip 26330
Top holeNorthing 433648Landing Point of CurveNorthing	s-drilled plat, profile view, and deviation survey         36.398       Easting         Easting       Easting         Easting       Easting
Elevation (ft) 985 GL Type of V	Well □New ■ Existing Type of Report □Interim ■Final
Permit Type   Deviated  Horizontal  H	orizontal 6A 🛽 Vertical Depth Type 🗆 Deep 🗆 Shallow
Type of Operation □ Convert □ Deepen □ Drill	■ Plug Back □ Redrilling □ Rework □ Stimulate
Well Type	□ Secondary Recovery □ Solution Mining ■ Storage □ Other
Type of Completion ■ Single □ Multiple Fluids Drilled with □ Cable ■ Rotary	Produced □ Brine □Gas □ NGL □ Oil ■ Other <u>Gas Storage</u>
Drilling Media Surface hole	sh Water Intermediate hole □ Air □ Mud 🛢 Fresh Water □ Brine
Production hole  Air  Mud  Fresh Water	Brine
Mud Type(s) and Additive(s) NA	
Date completion activities began 12/27/2021	
Verbal plugging (Y/N) <u>N</u> Date permission g	granted Granted by
Please note: Operator is required to submit a plugging a	application within 5 days of verbal permission to plug
Freshwater depth(s) ft 28', 68', 580'	Open mine(s) (Y/N) depths N
Salt water depth(s) ft No Record	Void(s) encountered (Y/N) depths N
Coal depth(s) ft No Record	Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N	1 Y La manual Y L
	APPROVED Reviewed by: Immil Chapole M. 09/22/2023

See des

## WR-35 Rev. 8/23/13

API 47-033	3185	Farm name_Joseph Cheuvront							ð
CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft		Basket Depth(s)		nent circulate (Y/ N) ide details below*
Conductor									
Surface		13-3/8"	284'						
Coal								Existing	
Intermediate 1		7"	1854'					Existing	
Intermediate 2									
Intermediate 3									
Production		4-1/2"	1547'	New	P11	0 11.6		Yes	
Packer type and depth set Halliburton Formation Packer Shoe set @ 1547'									
Comment Details         Well originally had 4225' of 4-1/2" 10.5 casing ran. Plugged back 4-1/2" to TOC@ 1564'.Cut and pulled 1564' of old 4-1/2".           Set CIBP @ 1564', Ran new 4-1/2" 11.6# to 1547'.									
CEMENT DATA	Class/Type of Cement				Yield         Vo           (ft ³/sks)         (ff			ement o (MD)	WOC (hrs)
Conductor			*						
Surface									
Coal									
Intermediate 1									
Intermediate 2									<b></b>
Intermediate 3									
Production	Class A	170	15.6	<u> </u>	.197	203.5	203.5		24
Tubing									
Drillers TD (ft) 4225       Loggers TD (ft) 4225'         Deepest formation penetrated Benson       Plug back to (ft) 1564'         Plug back procedure Tripped to TD and pumped 6% gel and flake until well circulated. Pumped 60 sxs class A cement, pulled and L/D 24 its of tubing. Pumped 59 sxs of class A cement.         WOC Tag cement top @ 2699', Pumped 24 sxs of class A cement, pulled and L/D 19 its of tubing. Pumped 43 sxs of Class A cement, L/D 21 its of tubing. WOC. Tagged cement top at 1564'         Kick off depth (ft)									
Check all wireline logs run a caliper caliper density deviated/directional induction caliper									
Well cored 🗆 Yes 🖹 No Conventional Sidewall Were cuttings collected 🖬 Yes 🗆 No									
DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING									
WAS WELL COMPLETED AS SHOT HOLE   Yes No DETAILS									
WAS WELL COMPLETED OPEN HOLE?  Yes No DETAILS									
WERE TRACERS USED  Yes No TYPE OF TRACER(S) USED									

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## Well number\_BW-7849 Farm name\_Joseph Cheuvront API 47-033 3185 PERFORATION RECORD Perforated from Perforated to Number of Stage No. Perforation date MD ft. MD ft. Perforations Formation(s) 1/11/2022 1551' 1557' 24 Gantz 1

Please insert additional pages as applicable.

## 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)
			No stim on well					

Please insert additional pages as applicable.

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API 47- 033	47- 033 - 3185 Farm name Joseph Ch			Cheuvror	nt	Well number BW-7849			
PRODUCING	FORMATION(S	5)	<b>DEPTHS</b>						
Gantz			1551-1557'	TVD 1	551-1557'	MD			
						_			
				<u></u>		_			
Please insert ad	ditional pages a	s applicable.				_			
GAS TEST	🗆 Build up 🛛	Drawdown	□ Open Flow	0	IL TEST 🗆 Fl	ow 🗆 Pump			
SHUT-IN PRE	SSURE Surfa	ace	_psi Botto	m Hole	psi I	OURATION O	F TEST	hrs	
OPEN FLOW		Oil pd 1	NGL bpd		Vater bpd			🗆 Pilot	
LITHOLOGY/ FORMATION	TOP DEPTH IN FT	BOTTOM DEPTH IN FT	TOP DEPTH IN FT		DESCRIBE RO				
	NAME TVD 0	TVD	0 MD	MD			hole drilled	∠, GAS, H₂S, ETC)	
							_ //		
						<u></u>	<u></u>		
		1							
		<b>(</b>							
Please insert ad	ditional pages a	s applicable.							
	actor Stalnaker		ices						
Address 220 W	/est Main Street		City	Glenville		_State _WV	Zip <u>2635</u>	1	
Logging Comp	any Baker Hug	hes							
Address 180 C	hilders Run Cros	ssing	City	Buckhanno	n	_State <u>WV</u>	Zip <u>2620</u>	1	
Cementing Con	mpany Halliburt	ion Energy S	Service						
Address 4999	E Pointe Dr		City	Zanesville		_State OH	Zip <u>4370</u>	1	
Stimulating Co	mpany								
Address			City	<u>.                                    </u>		_State	Zip		
Please insert ad	lditional pages a	s applicable.							
Completed by	Alex Worley				Telephone	304-203-6243	00/0000		
Signature	w work	1	Title E	ngineer		Date <u>3/</u>	29/2023		

Submittal of Hydraulic Fracturing Chemical Disclosure Information

Attach copy of FRACFOCUS Registry

WV DEP Office of Oil and Gas 601 57<sup>th</sup> Street, SE Charleston, WV 25304

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To whom it may concern,

Please review the WR-35 Form for the recent rework of Eastern Gas Transmission and Storage, Inc. storage well BW-7849, API 47-033-03185.

If you have any further questions or comments, please feel free to contact me by means of the information listed below.

Sincerely,

als horly

Alex Worley Gas Storage Engineer III Eastern Gas Transmission and Storage, Inc. 304-203-6243 Alexander.worley@bhegts.com

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APR 1 8 2023

WV Department of Environmental Protection