

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

RECEIVED
Office of Oil and Gas

OCT 29 2021

WV Department of
Environmental Protection

API 47-033-06005 County Harrison District Simpson
Quad Rosemont Pad Name _____ Field/Pool Name Bridgeport Storage
Farm name Charles Pointe Crossing LLC Well Number 13077
Operator (as registered with the OOG) Eastern Gas Transmission and Storage, Inc.
Address 925 White Oaks Blvd. City Bridgeport State WV Zip 26330

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 300,344.99 Easting 1,760,780.02
Landing Point of Curve Northing _____ Easting _____
Bottom Hole Northing 300,279.67 Easting 1,761,458.40

Elevation (ft) 1305 GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine

Mud Type(s) and Additive(s)
Air was used as the drilling fluid, Airfoam SX as a foaming agent

Date permit issued 3/2/2021 Date drilling commenced 3/5/2021 Date drilling ceased 4/22/2021
Date completion activities began _____ Date completion activities ceased _____
Verbal plugging (Y/N) _____ Date permission granted _____ Granted by _____

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft None Recorded Open mine(s) (Y/N) depths N
Salt water depth(s) ft None Recorded Void(s) encountered (Y/N) depths N
Coal depth(s) ft None Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed
SDW

Reviewed by:
12/31/2021

WR-35
Rev. 8/23/13

API 47-033-06005 Farm name Charles Pointe Crossing LLC Well number 13077

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade w/ft	Basket Depth(s)	Did cement circulate (Y/ N) * Provide details below*
Conductor	30"	24"	26'	New	94.62#/ft		N/A
Surface	22"	16"	309'	New	H-40, 65#/ft		Y
Coal							
Intermediate 1	15"	10 3/4"	819'	New	J-55, 40.5#/ft		Y
Intermediate 2							
Intermediate 3							
Production	9 7/8"	7"	2197'	New	K-55, 23#/ft		Y
Tubing							
Packer type and depth set							

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	Portland Ready Mix				88	Surface	24
Surface	Class A w/ 2% CaCl	510	15.8	1.178	601	Surface	8
Coal							
Intermediate 1	Class A w/ 2% CaCl	590	15.8	1.178	695	Surface	12
Intermediate 2							
Intermediate 3							
Production	Class A w/ 2% CaCl	690	15.9	1.17	807	Surface	8
Tubing							

Drillers TD (ft) 2330' KB 2313' GL Loggers TD (ft) 2306' RECEIVED
 Deepest formation penetrated Fifty Foot Plug back to (ft) _____ Office of Oil and Gas
 Plug back procedure _____ **OCT 29 2021**

Kick off depth (ft) 843' WV Department of Environmental Protection

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING 16" csg cent on jts 1, 3, 5, & 7
10 3/4" csg cent on jts 1, 2, 3, 6, 9, 14, 17, & 20
7" csg cent on every jl from #1 through #20, on jt # 22, 24, 28, 32, 36, 40, 45, & 49

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS Well was left as an open hole completion, no stimulation was performed.

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

12/31/2021

API 47- 033 - 06005 Farm name Charles Pointe Crossing LLC Well number 13077

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
<u>Fifty Foot</u>	<u>1990' - 2063'</u> TVD	<u>2211' - 2303'</u> MD
_____	_____	_____
_____	_____	_____
_____	_____	_____

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 250 psi Bottom Hole _____ psi DURATION OF TEST 3 hrs

OPEN FLOW Gas 1,440 mcfpd Oil _____ bpd NGL _____ bpd Water _____ bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
Sand/Shale	0	902	0	902	
3rd Salt Sand	902	973	902	973	
Sand/Shale	973	1421	973	1491	
Little Lime	1421	1438	1491	1512	
Shale	1438	1479	1512	1565	
Big Lime	1479	1541	1565	1645	
Big Injun	1541	1623	1645	1750	
Sand/Shale	1623	1903	1750	2103	
Gantz	1903	1933	2103	2141	
Sand/Shale	1933	1990	2141	2211	
Fifty Foot	1990	2063	2211	2303 TD	Storage Zone

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Please insert additional pages as applicable.

Drilling Contractor Yost Drilling LLC
Address 313 Steele Hill Rd. City Mt. Morris State PA Zip 15349

Logging Company Baker Hughes
Address 400 Technology Drive Ste. 100 City Cannonsburg State WVPA Zip 15317

Cementing Company Halliburton
Address 1000 Noble Energy Drive Suite 400 City Cannonsburg State PA Zip 15317

Stimulating Company _____
Address _____ City _____ State _____ Zip _____

Please insert additional pages as applicable.

Completed by Aaron Caslo Telephone 304-203-8821
Signature _____ Title Director of Storage Date 10/14/2021

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

12/31/2021