



EQT PRODUCTION COMPANY
400 Woodcliff Drive | Canonsburg, PA 15317

October 9, 2026

Via E-mail

Pennsylvania Department of Environmental Protection
Bureau of Oil & Gas Management
400 Waterfront Drive
Pittsburgh, PA 15222

RE: Proposed Alternate Method or Material for Casing, Plugging, Venting or Equipping a Well
Webster Hollow 31H
Permit Number 37-129-29317
Rostraver Township, Westmoreland County, Pennsylvania

Dear DEP Recipient,

Please find attached the following documentation:

- Completed Form 8000-PM-OOGM0024 "Proposed Alternate Method or Material for Casing, Plugging, Venting or Equipping a Well"
- Casing and Cementing Plan
- Wellbore Diagram
- Proof of Notification
- Non-Coal Determination

If you need further information regarding this submittal, please feel free to contact me at RThomas@EQT.com or 412-531-5304.

Best Regards,

Renee Thomas

Renee Thomas
Project Specialist - Permitting

8000-PM-OOGM0024 4/2012



RECEIVED
10/9/2026

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

DEP USE ONLY
Application Tracking #
1586926

Proposed Alternate Method or Material for Casing, Plugging, Venting or Equipping a Well

Well Operator EQT Production Company		DEP ID# 146983		Well Permit or Registration Number 37-129-29317	
Address 2200 Energy Drive				Well Farm Name Webster Hollow	
City Canonsburg	State PA	Zip Code 15317	Well # 31H		Serial #
Phone 412-531-5304	Fax	County Westmoreland		Municipality Rostraver Twp	

A proposed alternate method is subject to provisions in §3221 of the 2012 Oil and Gas Act, 58 Pa. C.S. §3221 Section 13 of the Coal and Gas Resource Coordination Act, 58 P.S. §513 and 25 PA Code §§78.75-78.75a (relating to Alternate Methods.)
Attach proof of notification of coal operator(s).

Describe in reasonable detail using a written description and / or diagram:

1. the proposed alternate method or materials, and
2. the manner in which the alternative will satisfy the goals of the laws and regulations.

EQT plans to drill a 12 3/8" hole to a depth of approximately 2,930' through the gas storage zone, which runs from an approximate depth of 2,790' to 2,830'. EQT will dust drill the 12 3/8" hole until a water/oil influx or to a depth 100' above the Gas Storage Zone (whichever occurs first). At this time, EQT will foam drill to TD of the hole section in order to properly clean the wellbore and minimize the potential for gas to flow. EQT will use BOPs designed to control anticipated storage zone pressures. The depth of the Storage Zone(s) is determined from examination of open hole logs and offset wells, and may be adjusted to preserve the integrity of the storage zone. EQT then plans to run a string of 9 5/8" casing from the surface to at least 100' below the deepest storage zone. EQT will then cement the 9 5/8" to surface. The tail cement blend will contain additives designed to reduce potential for gas migration. The tail blend will cover from the casing shoe to at least 500' above the top of the storage zone. EQT will WOC until the cement reaches the required compressive strength outlined in the EQT-Equitrans Gas Storage Agreement prior to drilling out the float equipment and new formation, which will meet and exceed the requirements of §78.85 Cement Standards and §78.87 Gas Storage Reservoir Protective Casing and Cementing Procedures. Please refer to the attached diagram for more detail.

Optional: Approval by Coal Owner or Operator		Signature of Applicant / Well Operator	
Signature	Date	Signature 	Date 10/5/26
Print or Type Signer's Name and Title		Print or Type Signer's Name and Title Regional Manager - Permitting	

If optional approval is signed by coal owner or operator, the 15-day objection period may be waived.

DEP USE ONLY		
Approved by (DEP Manager)	Conditions ☐ YES, See Attached ☐ NO	Date

Casing and Cementing Plan Through the Equitrans Gas Storage Zone

Webster Hollow Pad

EQT plans to drill a 12 3/8" hole to a depth of approximately 2,930' through the gas storage zone, which runs from an approximate depth of 2,790' to 2,830'. EQT will dust drill the 12 3/8" hole until a water/oil influx or to a depth 100' above the Gas Storage Zone (whichever occurs first). At this time, EQT will foam drill to TD of the hole section in order to properly clean the wellbore and minimize the potential for gas to flow. EQT will use BOPs designed to control anticipated storage zone pressures. The depth of the Storage Zone(s) is determined from examination of open hole logs and offset wells, and may be adjusted to preserve the integrity of the storage zone. EQT then plans to run a string of 9 5/8" casing from the surface to at least 100' below the deepest storage zone. EQT will then cement the 9 5/8" to surface. The tail cement blend will contain additives designed to reduce potential for gas migration. The tail blend will cover from the casing shoe to at least 500' above the top of the storage zone. EQT will WOC until the cement reaches the required compressive strength outlined in the EQT-Equitrans Gas Storage Agreement prior to drilling out the float equipment and new formation, which will meet and exceed the requirements of §78.85 *Cement Standards* and §78.87 *Gas Storage Reservoir Protective Casing and Cementing Procedures*. Please refer to the attached diagram for more detail.

EQT will have kill weight fluid on-site capable of controlling the maximum anticipated gas storage pressure when drilling from 100' above the storage zone(s) to the depth where the intermediate gas storage casing will be installed. All BOPE will be in place to kill the well if necessary.

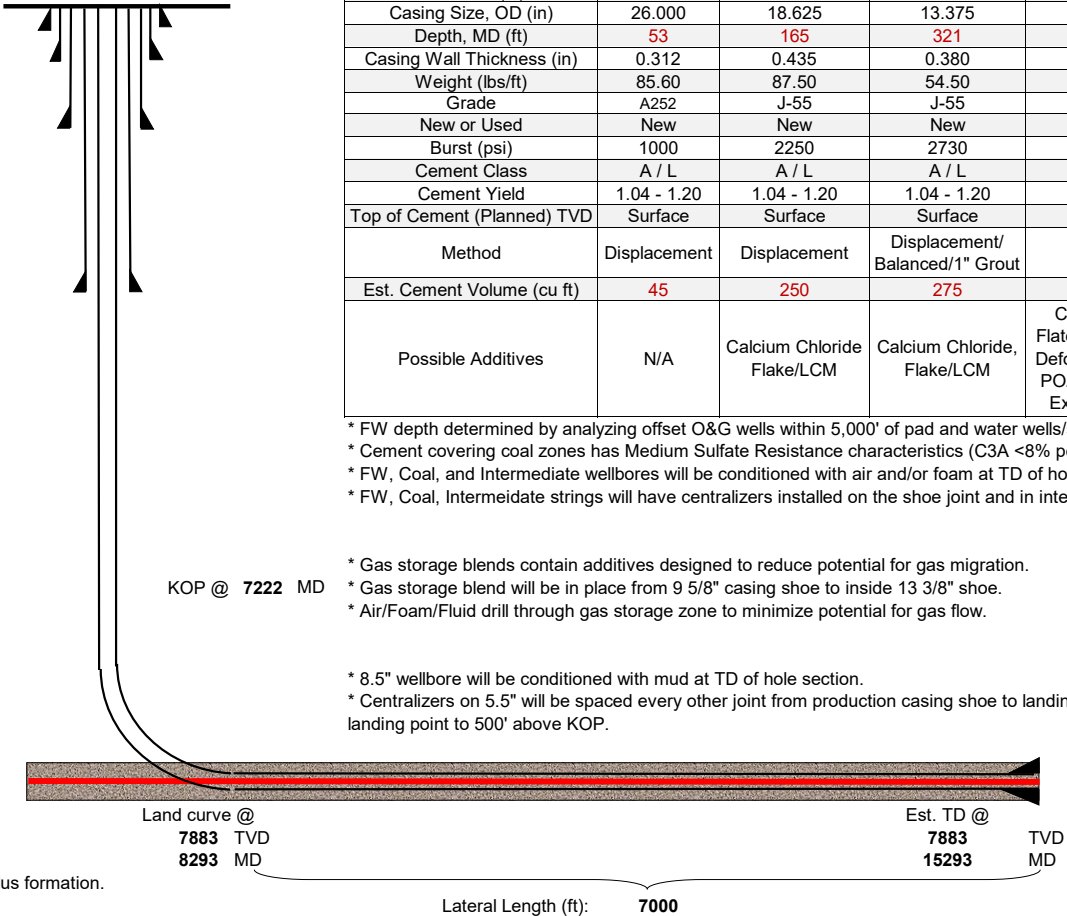
Note: All depths shown are estimations with reasonable accuracy and are subject to change with more geological analysis and further planning. In order to further protect the gas storage zone and provide the most adequate cement job possible, the cementing program is also subject to change for job quality purposes.

EQT Production Company

Well: Webster Hollow 31H Site: Webster Hollow
County: Westmoreland State: Pennsylvania
Quad: Donora Elevation: 1122 GL, 1135 KB

Formation Tops	TVD (ft)	
Conductor	53	
Base Fresh Water	115	
Fresh Water String	165	
Pittsburgh Coal	287	291
Pittsburgh Coal String	321	
Big Lime	1675	1850
Big Injun	1850	2204
Berea	2204	2337
Gantz	2337	2671
Fifty foot	2671	2749
Thirty foot	2749	2816
STORAGE ZONE	2790	2830
Intermediate Casing	2930	
Gordon	2816	2920
Bayard	2920	3284
Upper Speechley	3455	3517
Speechley	3517	3644
Balltown	3644	4044
Bradford	4044	4942
Benson	4942	5486
Alexander	5486	5907
Elk	5907	6995
Sonyea	6995	7321
Middlesex	7321	7391
Genesee	7391	7529
Geneseo	7529	7552
Tully	7552	7598
Hamilton	7598	7800
Marcellus	7800	7967
Production Casing	15293	MD

Proposed Well Work:
*Drill and complete a new horizontal well in the Marcellus formation.
*Drill the vertical to KOP.
*Kick off and drill curve. Drill lateral in the Marcellus. Cement casing.



Casing and Cementing					
Type	Conductor	Fresh Water	Coal	Intermediate	Production
Hole Size (in)	30.000	24.000	17.500	12.375	8.500
Casing Size, OD (in)	26.000	18.625	13.375	9.625	5.500
Depth, MD (ft)	53	165	321	2930	15293
Casing Wall Thickness (in)	0.312	0.435	0.380	0.352	0.361
Weight (lbs/ft)	85.60	87.50	54.50	36.00	20.00
Grade	A252	J-55	J-55	J-55	P-110
New or Used	New	New	New	New	New
Burst (psi)	1000	2250	2730	3520	14360
Cement Class	A / L	A / L	A / L	A / H / L	A / H / L
Cement Yield	1.04 - 1.20	1.04 - 1.20	1.04 - 1.20	1.04 - 1.20	1.04 - 2.10
Top of Cement (Planned) TVD	Surface	Surface	Surface	Surface	500' inside 9.625" casing
Method	Displacement	Displacement	Displacement/ Balanced/1" Grout	Displacement	Displacement
Est. Cement Volume (cu ft)	45	250	275	1150	3300
Possible Additives	N/A	Calcium Chloride Flake/LCM	Calcium Chloride, Flake/LCM	Calcium Chloride, Flate/LCM, Fluid Loss, Defoamer, Dispersant, POZ, Bonding Agent, Extender, Retarder	Calcium Carbonate, Fluid Loss, Extender, Dispersant, Viscosifier, Defoamer, POZ, Bonding Agent, Retarder, Anti- Settling/Suspension Agent

* FW depth determined by analyzing offset O&G wells within 5,000' of pad and water wells/surface water within 2,500' of pad.
* Cement covering coal zones has Medium Sulfate Resistance characteristics (C3A <8% per mill reports).
* FW, Coal, and Intermediate wellbores will be conditioned with air and/or foam at TD of hole section.
* FW, Coal, Intermediate strings will have centralizers installed on the shoe joint and in intervals no greater than every 150' to surface.
* Gas storage blends contain additives designed to reduce potential for gas migration.
* Gas storage blend will be in place from 9 5/8" casing shoe to inside 13 3/8" shoe.
* Air/Foam/Fluid drill through gas storage zone to minimize potential for gas flow.
* 8.5" wellbore will be conditioned with mud at TD of hole section.
* Centralizers on 5.5" will be spaced every other joint from production casing shoe to landing point and one centralizer spaced every joint from landing point to 500' above KOP.



August 11, 2026

Pennsylvania Department of Environmental Protection
Southwest Regional Office
Bureau of Oil & Gas Management
400 Waterfront Drive
Pittsburgh, PA 15222

Re: Non-Coal Justification
Webster Hollow Well Site
Rostraver Township, Westmoreland County

Dear PADEP Recipient,

EQT Production Company has evaluated the coal seams underlying the subject well site utilizing Mineral Resources Report 68 of 1974 "Bituminous Coal Resources in Western Pennsylvania". Below is the status of each seam based on that report:

Upper Mercer	Not Present
Brookville	Inferred
Clarion	Inferred
Lower Kittanning	Inferred
Middle Kittanning	Inferred
Upper Kittanning	Inferred
Lower Freeport	Inferred
Upper Freeport	Inferred
Redstone	Inferred
Pittsburgh	Mined out
Sewickley	Inferred
Waynesburg	Not Present
Washington	Not Present

Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Zavatchan'.

John Zavatchan
Regional Manager - Permitting

ORIGIN ID:PITA (412) 790-6725
ALICIA WISCHMANN
KEYSTONE CONSULTANTS, LLC
680 ANDERSEN DRIVE
SUITE 400
PITTSBURGH, PA 15220
UNITED STATES US

SHIP DATE: 05OCT26
ACTWGT: 0.50 LB
CAD: 258463954/NET4535

TO **CHRIS LEASE**

106 CHELSEA GROVE CT

PASADENA MD 21122

REF: WEBSTER HOLLOW
(000) 000-0000
INV: 0007017 25
PO: 012

DEPT: MAPPING





REL #
3785346

TRK# 8782 1169 9287

0201

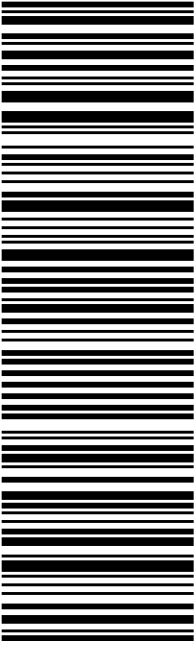
TUE - 06 OCT 5:00P

STANDARD OVERNIGHT

XP MTNAG

MTNA 21122

MD-US BWI



58KJ9/B503/484B

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October 08, 2026

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The following is the proof-of-delivery for tracking number: 878211699287

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Signed for by:	Signature not required	Delivery Location:	
Service type:	FedEx Standard Overnight		
Special Handling:	Deliver Weekday; Residential Delivery; No Signature Required		PASADENA, MD,
		Delivery date:	Oct 7, 2026 17:14

Shipping Information:

Tracking number:	878211699287	Ship Date:	Oct 6, 2026
		Weight:	0.5 LB/0.23 KG
Recipient:		Shipper:	
PASADENA, MD, US,		PITTSBURGH, PA, US,	

Reference	webster hollow
Purchase Order	012
Invoice	00070.17.25
Department Number	mapping

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ALICIA WISCHMANN
KEYSTONE CONSULTANTS, LLC
680 ANDERSEN DRIVE
SUITE 400
PITTSBURGH, PA 15220
UNITED STATES US

(412) 790-6725
SHIP DATE: 05OCT26
ACTWGT: 0.50 LB
CAD: 258463954/INET4535

BILL SENDER

TO **CONSOL PENNSYLVANIA COAL COMPANY**

275 TECHNOLOGY DRIVE SUITE 101

CANONSBURG PA 15317
REF: WEBSTER HOLLOW
(000) 000-0000
INV: 0007017 25
PO: 012

58KJ9/B503/484B

DEPT: MAPPING



REL #
3785346

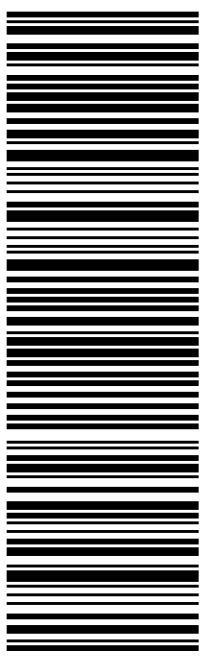
TRK# 8782 1180 1548

0201

TUE - 06 OCT 5:00P
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PA-US PIT



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October 08, 2026

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Signed for by:	Signature not required	Delivery Location:	
Service type:	FedEx Standard Overnight		
Special Handling:	Deliver Weekday; No Signature Required		CANONSBURG, PA,
		Delivery date:	Oct 7, 2026 12:06

Shipping Information:

Tracking number:	878211801548	Ship Date:	Oct 6, 2026
		Weight:	0.5 LB/0.23 KG
Recipient:		Shipper:	
CANONSBURG, PA, US,		PITTSBURGH, PA, US,	

Reference	webster hollow
Purchase Order	012
Invoice	00070.17.25
Department Number	mapping

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KEYSTONE CONSULTANTS, LLC
680 ANDERSEN DRIVE
SUITE 400
PITTSBURGH, PA 15220
UNITED STATES US

(412) 790-6725
SHIP DATE: 05OCT26
ACTWGT: 0.50 LB
CAD: 258463954/NET4535

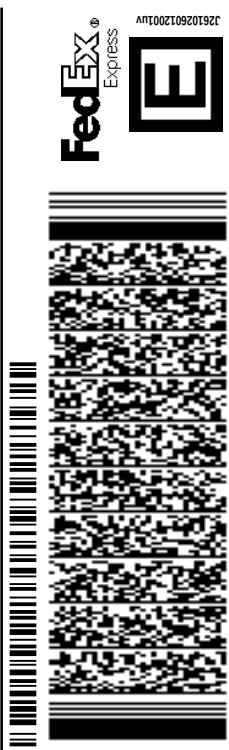
BILL SENDER

TO **EQUITRANS LP ATTN GERALD SMITH**

2200 ENERGY DR

CANONSBURG PA 15317
REF: WEBSTER HOLLOW
(000) 000-0000
INV: 0007017.25
PO: 012

DEPT: MAPPING

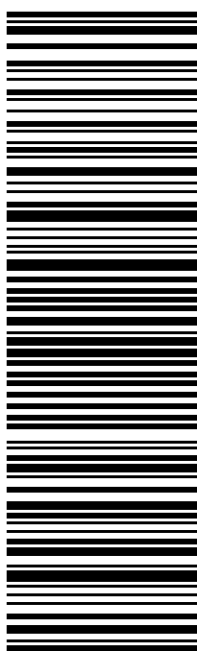


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3785346

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TRK# 8782 1156 3434
0201

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October 08, 2026

Dear Customer,

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Signed for by:	Signature not required	Delivery Location:	
Service type:	FedEx Standard Overnight		
Special Handling:	Deliver Weekday; No Signature Required		CANONSBURG, PA,
		Delivery date:	Oct 7, 2026 13:36

Shipping Information:

Tracking number:	878211563434	Ship Date:	Oct 6, 2026
		Weight:	0.5 LB/0.23 KG
Recipient:		Shipper:	
CANONSBURG, PA, US,		PITTSBURGH, PA, US,	

Reference	webster hollow
Purchase Order	012
Invoice	00070.17.25
Department Number	mapping

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