

## Durant, Emile

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**From:** EP, SW OG-Submissions  
**Sent:** Thursday, November 3, 2022 12:42 PM  
**To:** Durant, Emile  
**Subject:** FW: [External] Fox Hill #1 Alternate Method - Formal Withdraw Request  
**Attachments:** Fox Hill #1\_Alternate Method Submittal 9.20.2022.pdf

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**From:** Shrum, Becky <BShrum@eqt.com>  
**Sent:** Thursday, November 3, 2022 12:22 PM  
**To:** EP, SW OG-Submissions <RA-EPSW-OGSUBMISSION@pa.gov>  
**Cc:** McDermott, David <davmcdermo@pa.gov>; Keller, Joel <joekeller@pa.gov>; Wilson, Olivia <OPishioneri@eqt.com>  
**Subject:** [External] Fox Hill #1 Alternate Method - Formal Withdraw Request

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Good Afternoon,

Please see the attached Alternate Method for the Fox Hill #1 well (37-059-28246). After discussions with Joel Keller, he would like us to assess the wellbore information we find after conducting camera and logging operations on the well & resubmit a plugging plan. Therefore, **EQT would like to formally request to withdraw the Alternate Method Request** that was originally submitted with this on 9/20/2022.

Thank you,

**Becky Shrum**  
Project Specialist – Permitting

EQT Production Company  
400 Woodcliff Drive  
Canonsburg, PA 15317  
O: 724.271.7314  
C: 412.660.0654  
[BShrum@EQT.com](mailto:BShrum@EQT.com)

To learn about EQT's environmental, social and governance efforts visit: <https://esg.eqt.com>



September 20, 2022

*Via Email*

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

RE: Proposed Alternate Method of Plugging a Well  
Fox Hill #1  
Permit Number 37-059-28246  
Freeport Township, Greene County, Pennsylvania

Dear DEP Recipient,

Please find attached the following documentation:

- Completed Form 8000-PM-OOGM0024 "Proposed Alternate Method of Plugging a Well"
- Plugging Prognosis
- Form 8000-PM-OOGM0002 "Well Location Plat"
- Coal Party Proof of Notification

Notice will be given to the appropriate inspector at least 72 hours prior to commencement of plugging. Note that there were no available well records and/or completion reports found.

If you need further information regarding this submittal, please feel free to contact me at [bshrum@eqt.com](mailto:bshrum@eqt.com) or 412.660.0654.

Best Regards,

Becky Shrum  
Project Specialist - Permitting



<b>DEP USE ONLY</b>
Application Tracking #

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

Well Operator <b>EQT Production Company</b>		DEP ID# <b>146983</b>	Well Permit or Registration Number <b>37-059-28246</b>	
Address <b>400 Woodcliff Drive</b>		Well Farm Name <b>Fox Hill</b>		
City <b>Canonsburg</b>	State <b>PA</b>	Zip Code <b>15317</b>	Well # <b>#1</b>	Serial #
Phone <b>724-271-7314</b>	Fax <b>724-745-2418</b>	County <b>Greene</b>		Municipality <b>Freeport Township</b>

*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's Proposed Alternate Method of Plugging for wells located in coal areas.

1. In lieu of venting requirements of 78.92 or 78.93 relating to wells located in coal areas, EQT proposes to cement the well from total depth or attainable bottom to surface. This will meet the requirements of 78.91H regarding cementing solid from the total depth or approved attainable bottom to surface which is superior to a gel/cement sequence in coal area wells and eliminates the need for the vent.
2. EQT will cement the well from total depth or attainable bottom to surface with Class A cement to stop the vertical flow of gas or fluids to surface within the well bore.
3. EQT will attempt to identify free point of all tubing, packers and casings. If the casings, tubing and packers are not free and cannot be retrieved, EQT will perforate casings to squeeze cement into the annulus or other method approved by the Department.
4. EQT will reclaim and set plugging monument according to PA DEP regulations after the well is plugged.

- For additional information please contact Beau Fry at 304-348-3874.

<b>Optional: Approval by Coal Owner or Operator</b>		<b>Signature of Applicant / Well Operator</b>	
Signature	Date	Signature 	Date <b>9/15/2022</b>
Print or Type Signer's Name and Title		Print or Type Signer's Name and Title <b>Erin Spine - Manager - Subsurface Permitting</b>	

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

<b>DEP USE ONLY</b>		
Approved by (DEP Manager)	Conditions <input type="checkbox"/> YES, See Attached <input type="checkbox"/> NO	Date

Fox Hill #1  
Greene County, PA  
Freeport Township  
API #: 37-059-28246  
Coordinates: 39.759393, -80.428915  
By: EQT Production  
Date: 8/22/2022

**Current Status:**

Suspected 7" casing to surface  
Other casings, sizes, and depths unknown (if any)

**Offset Status:** Bradley 1 (37-059-01526)

10" @ 300'  
8" @ 1235'  
6-5/8" @ 2025'  
TD @ 2925'

1. Notify State Oil and Gas Inspector, Joel Keller @ 412-417-602, 48 hours in advance of commencement of plugging operations.
2. MIRU rig and 10k BOPs. Begin plugging and abandonment operations.
3. Set well cellar. Cut off fittings on top of suspected 7" casing and install a working valve.
4. Excavate around the wellhead to attempt to expose any casing(s) and install cellar.
5. Check for gas with monitor on the 1" vent line at the bottom of the washed-out area around the 1" vent below ground. Remove 1" vent if possible after gas check has been performed.
6. If any other valves are discovered check for pressure if possible.
7. Check pressures on all casings with a gauge. Blow down the well into a grounded tank with a secure line if there is any pressure present. All casings need to be vented to surface when possible.
8. Attempt to raise the outer most casing to surface and secure casing with wellhead or some other means to control flow. (if it exists).
9. If possible, a conductor pipe will be installed around the outer most casing discovered with 2" nipples and valves to control flow, if any encountered, to a tank.
10. After wellheads have been installed, run camera in the hole to inspect casing and determine well TD if possible. Report findings to EQT and DEP Rep.
11. Run wireline CBL/CCL to TD the well and find the bottom of suspected 7" casing. Also run a caliper log. Report depths to DEP & EQT representatives.
12. If needed, run a gamma-ray log to assess any openhole sections of the well.
13. RIH with work string to clean out the well to obtainable bottom. Report obtainable bottom to EQT & DEP.
14. Set a solid Class A cement plug from obtainable bottom to 50' below the suspected 7" casing seat. Let cement cure for 8hrs.
15. Check cement TD. If it is acceptable fill the hole with fresh water and run a wireline CBL/CCL log.
16. Review CBL/CCL results with DEP/EQT reps. Attempt to recover suspected 7" casing if it can be done safely. Hook onto and exert a pulling force of 120% of string weight or 5k over. Whichever is greater.
  - a. If unable to recover casing, consult with EQT/DEP reps on perforation schedule.
17. If suspected 7" casing is pulled, RIH with wireline CBL/CCL to find the bottom of any other unknown casings.
18. Set a solid Class A cement plug up to 50' below next casing seat.
19. Repeat steps 15-18 for any additional casings discovered.
20. Top off well as needed to surface with cement.

21. Install above ground plugging monument extending at least 48" AGL with API#, company information and date plugged.
22. Restore well site and access road according to PA DEP regulations.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS MANAGEMENT  
**WELL LOCATION PLAT**

PAGE 1 Surface Location

<b>DEP USE ONLY</b>	Auth ID #:	G:
	Permit #:	C:
	Project #:	

SHL True Latitude:  
39.759393

SHL True Longitude:  
-80.428915

Horizontal Coordinate System:  
NAD 83

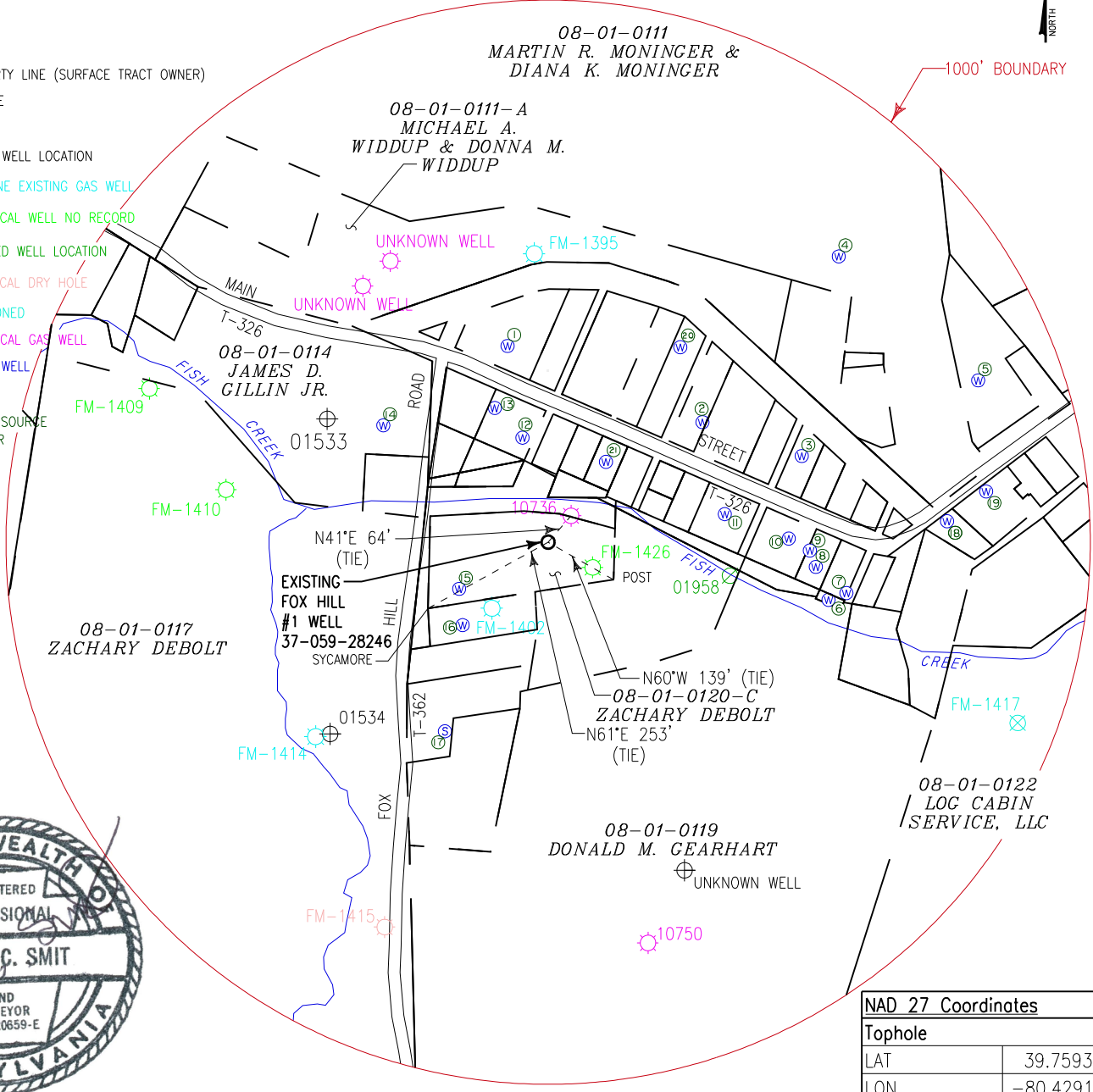
NOTES:  
THE PURPOSE OF THIS PLAT IS FOR THE LOCATION OF A PROPOSED GAS WELL AND DOES NOT REPRESENT A CLOSED BOUNDARY SURVEY. PROPERTY LINES AND OWNERS WERE OBTAINED FROM VARIOUS FIELD EVIDENCE, TAX RECORDS, AND AERIAL MAPPING.

THERE ARE NO GAS STORAGE RESERVOIRS WITHIN 1000 FEET OF THE PROPOSED WELL LOCATION.  
THERE ARE NO COAL MINES WITHIN 1000 FEET OF THE PROPOSED WELL LOCATION.



**LEGEND**

- PROPERTY LINE (SURFACE TRACT OWNER)
- - - TIE LINE
- STREAM
- ⊕ ACTIVE WELL LOCATION
- ⊗ FARMLINE EXISTING GAS WELL
- ⊗ HISTORICAL WELL NO RECORD
- ⊗ PLUGGED WELL LOCATION
- ⊗ HISTORICAL DRY HOLE
- ⊗ ABANDONED
- ⊗ HISTORICAL GAS WELL
- ⊗ WATER WELL
- ⊗ SPRING
- ⊗ WATER SOURCE NUMBER



NAD 27 Coordinates	
Tophole	
LAT	39.759312
LON	-80.429118

Applicant / Well Operator Name: <b>EQT Production Company</b>		DEP ID#: <b>146983</b>	Well (Farm) Name: <b>Fox Hill</b>		Well #: <b>#1</b>	Serial #:
Address: <b>400 Woodcliff Drive, Canonsburg, PA 15317</b>			County: <b>Greene</b>	Municipality: <b>Freeport Township</b>	Well Type: <b>Gas</b>	
911 address of well site: <b>N/A</b>			USGS 7 1/2' Quadrangle Map Name: <b>New Freeport, PA</b>	Map Section: <b>8</b>	Surface Elevation: <b>1060± ft.</b>	
Surveyor or Engineer: <b>Thomas C. Smit, PLS</b>	Phone #: <b>(412) 278-2100</b>	Dwg #:	Date: <b>09/09/2022</b>	Scale: <b>1" = 300'</b>	Tract Acreage: <b>87.91±</b>	
Lat & Long Metadata Method: <b>GPS</b>	Accuracy: <b>3± ft.</b>	Datum: <b>NAD 83</b>	Elevation Metadata Method: <b>GPS</b>	Accuracy: <b>5± ft.</b>	Datum: <b>NAVD 88</b>	Survey Date: <b>07/21/2022</b>

**WELL LOCATION PLAT**

## Page 2 Notifications

DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is **1-866-255-5158**.

Applicant / Well Operator Name EQT Production Company	DEP ID# 146983	Well (Farm) Name Fox Hill	Well # #1	Serial #
Surface Landowner / Lessor: Zachary Debolt		Angle & Course of Deviation (Drilling): Plugging	Anticipated True Vertical Depth Feet (TVD):	Anticipated Total Measured Depth Feet (TMD):
Target Formation(s): Unknown		Deepest Formation to be penetrated: Unknown	Number of laterals: 1	Total footage to be drilled all laterals:
Surface Owner/Water Purveyor w/Water Supply within 1000'/3000'		Latitude Longitude of Water Supply		
1.) Christina Barlow		39.760380	-80.429220	
2.) Michael S. Widdup		39.760024	-80.427927	
3.) Charles E. Gorby		39.759868	-80.427269	
4.) Martin R. Moninger		39.760884	-80.427066	
5.) Zachary K. O'Neil		39.760278	-80.426127	
6.) William Yoders		39.759144	-80.427065	
7.) William Yoders		39.759174	-80.426941	
8.) Mapletown, LLC		39.759309	-80.427155	
9.) Mapletown, LLC		39.759391	-80.427197	
10.) Rex Miller		39.759448	-80.427338	
11.) Freeport Township		39.759562	-80.427762	
12.) Rickie Jolliff		39.759918	-80.429104	
13.) Rickie Jolliff		39.760064	-80.429291	
14.) James D. Gillin Jr.		39.759959	-80.430019	
15.) Zachary Debolt		39.759143	-80.429489	
16.) Zachary Debolt		39.758960	-80.429459	
17.) Thomas Hoag		39.758420	-80.429554	
18.) R. Allen Shipman		39.759560	-80.426303	
19.) R. Allen Shipman		39.759717	-80.426053	
20.) Mike A. Virgin		39.760400	-80.428087	
21.) Don Gorby		39.758420	-80.429554	
Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		Coal Related Parties		
Freeport Township, Greene County, PA		Realty Company of Pennsylvania – Owner – Pittsburgh River Seam		
Springhill Township, Greene County, PA		CONSOL RCPC LLC – Owner – Pittsburgh River Seam		
Jackson Township, Greene County, PA				
Gilmore Township, Greene County, PA				

ORIGIN ID: PTA (412) 790-6743  
SASHA JOHNSTON  
KEYSTONE CONSULTANTS LLC  
32 E MAIN ST  
CARNEGIE, PA 15106

SHIP DATE: 15SEP22  
ACTWGT: 0.50 LB  
CAD: 255411408/NET4530

UNITED STATES US

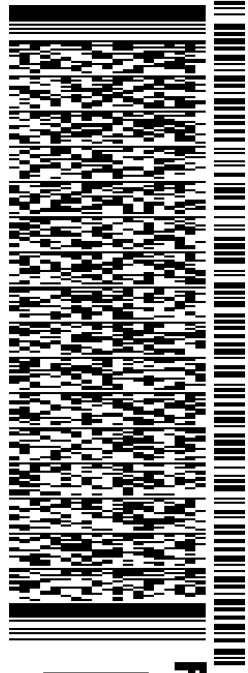
BILL SENDER

TO REALTY COMPANY OF PENNSYLVANIA

600 HAMILTON ST SUITE 600

ALLENTOWN PA 18101

(000) 000-0000 REF: FOXHILL #1 3090 22 25  
INV/ PO: DEPT:



J223022081201uv

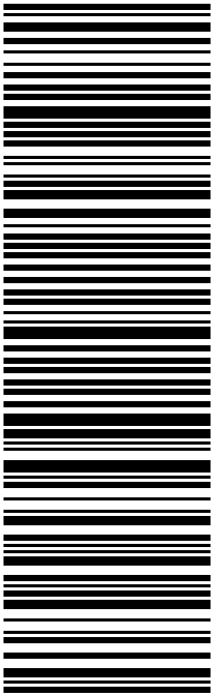
581J1/EC8C/FE2D

TRK# 7779 4159 4642  
#0201

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September 16, 2022

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		<b>Delivery date:</b>	Sep 16, 2022 09:58

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<b>Tracking number:</b>	777941594642	<b>Ship Date:</b>	Sep 15, 2022
		<b>Weight:</b>	0.5 LB/0.23 KG
<b>Recipient:</b>		<b>Shipper:</b>	
ALLENTOWN, PA, US,		CARNEGIE, PA, US,	

**Reference**                      Foxhill #1 3080.22.25

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SASHA JOHNSTON  
KEYSTONE CONSULTANTS LLC  
32 E MAIN ST  
CARNEGIE, PA 15106  
UNITED STATES US

SHIP DATE: 19SEP22  
ACTWGT: 0.50 LB  
CAD: 255411408/INET4530

BILL SENDER

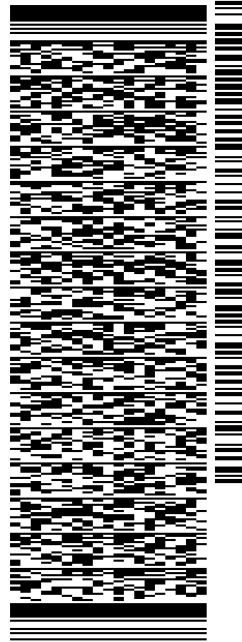
TO **CONSOL RCPC LLC**

**275 TECHNOLOGY DR  
SUITE 101**

**CANONSBURG PA 15317**

(000) 000-0000 REF: FOXHILL #1 3080 2225  
INV/ PO: DEPT:

581J1/EC8C/FE2D

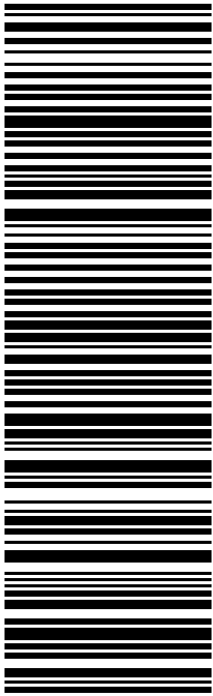


TRK# 7779 7527 6242  
0201

TUE - 20 SEP 10:30A  
PRIORITY OVERNIGHT

**65 PITA**

ASR 15317  
PIT  
PA-US



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