Various facilities
Natalia Vasquez

PENNENERGY RESOURCES

October 14, 2019

Mr. Mark Gorog
Air Quality Program Manager
PADEP – Southwest Regional Office
400 Waterfront Drive
Pittsburgh, PA 15222

FedEx Tracking No. 7764 4030 5167

Air Enf. & Comp. Assistance – NSPS
Air Protection Division
US EPA Region III
1650 Arch Street (3AP00)
Philadelphia, PA 19103

FedEx Tracking No. 7764 4019 2712

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OCT 16 2019
Air & Radiation Division

RE: PennEnergy Resources, LLC
Annual Compliance Report(s) – 40 CFR 60 Subpart OOOOa
Reporting Period(s): August 2, 2018 – August 2, 2019

To Whom It May Concern:

PennEnergy Resources, LLC (PennEnergy) hereby submits the annual compliance report for affected facilities under New Source Performance Standards (NSPS) 40 CFR 60 Subpart OOOOa.

The NSPS OOOOa affected facilities contained within this report include well affected facilities (Attachment 2) and collections of fugitive emissions components located at well sites (Attachment 3).

PennEnergy does not operate any reciprocating compressor affected facilities, centrifugal compressor affected facilities, pneumatic controller affected facilities[1], storage vessel affected facilities[2], pneumatic pump affected facilities, processing unit affected facilities, or sweetening unit affected facilities as defined in NSPS OOOOa.

Should you have any questions, please contact me at (412) 857-2294.

Sincerely,

Domenic A. Tedesco

Domenic Tedesco
Environmental Manager, Air Programs
Attachments

[1] PennEnergy does operate pneumatic controllers constructed after September 18, 2015, but they are either intermittent or low-bleed devices (or powered by air). As such, they are not pneumatic controller affected facilities under the rule.
[2] PennEnergy does operate storage vessels constructed after September 18, 2015, but VOC emissions from these vessels are less than 6.0 tpy. As such, they are not storage vessel affected facilities under the rule.

NSPS OOOOa Annual Report

Pursuant to 40 CFR §60.5420a(b)

Company Information

§60.5420a(b)(1)

Company Name: **PennEnergy Resources, LLC**

Company Mailing Address:	**1000 Commerce Drive, Park Place One**	**Pittsburgh**	**PA**	**15275**
	Street Address	City	State	Zip Code

For information regarding this report please contact the following:

Contact Name: **Domenic A. Tedesco**

Contact Phone Number: **412-857-2294**

Contact Email Address: **datedesco@pennenergyresources.com**

Reporting Period

Compliance Period Start Date:	**August 2, 2018**
Compliance Period End Date:	**August 2, 2019**
Date Report Submitted by:	**October 31, 2019**

Certification By a Certifying Official

Statement of Certification: Based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate and complete.

Name of Certifying Official:	**Gregory D. Muse**
Title of Certifying Official:	**President & COO** **PER Manager, LLC** **Managing Member of Pine Run Logistics, LLC**
Email Address:	**gdmuse@pennenergyresources.com**
Phone Number:	**412-275-3203**
Signature:	
Signature Date:	10/14/19

ATTACHMENT 1 – LIST OF AFFECTED FACILITIES

List of Affected Facilities

§60.5420(b) and §60.5420a(b)

API Number	Facility Name	Well / Equipment Name	Latitude	Longitude	State Number	State	County Number	County	Region	Affected Facility Type(s) (Place an "X" in every column that applies)			
										Well	Reciprocating Compressor under NSPS OOOOa	Collection of Fugitive Emission Components at a Well Site	Collection of Fugitive Emission Components at a Compressor Station
37-007-20462-00	B9 Well Pad	B9-1H	See well data	See well data	37	Pennsylvania	7	Beaver	PADEP SWRO	X			
37-007-20536-00	B9 Well Pad	B9-2H	See well data	See well data	37	Pennsylvania	7	Beaver	PADEP SWRO	X			
37-007-20537-00	B9 Well Pad	B9-3H	See well data	See well data	37	Pennsylvania	7	Beaver	PADEP SWRO	X			
37-007-20538-00	B9 Well Pad	B9-4H	See well data	See well data	37	Pennsylvania	7	Beaver	PADEP SWRO	X			
37-007-20539-00	B9 Well Pad	B9-5H	See well data	See well data	37	Pennsylvania	7	Beaver	PADEP SWRO	X			
37-007-20540-00	B9 Well Pad	B9-6H	See well data	See well data	37	Pennsylvania	7	Beaver	PADEP SWRO	X			
37-007-20513-00	B22 Well Pad	B22-1H	See well data	See well data	37	Pennsylvania	7	Beaver	PADEP SWRO	X			
37-007-20514-00	B22 Well Pad	B22-2H	See well data	See well data	37	Pennsylvania	7	Beaver	PADEP SWRO	X			
37-007-20515-00	B22 Well Pad	B22-3H	See well data	See well data	37	Pennsylvania	7	Beaver	PADEP SWRO	X			
37-007-20516-00	B22 Well Pad	B22-4H	See well data	See well data	37	Pennsylvania	7	Beaver	PADEP SWRO	X			
37-007-20517-00	B22 Well Pad	B22-5H	See well data	See well data	37	Pennsylvania	7	Beaver	PADEP SWRO	X			
37-007-20519-00	B22 Well Pad	B22-10H	See well data	See well data	37	Pennsylvania	7	Beaver	PADEP SWRO	X			
37-007-20508-00	B24 Well Pad	B24-2H	See well data	See well data	37	Pennsylvania	7	Beaver	PADEP SWRO	X			
37-007-20509-00	B24 Well Pad	B24-3H	See well data	See well data	37	Pennsylvania	7	Beaver	PADEP SWRO	X			
37-007-20510-00	B24 Well Pad	B24-4H	See well data	See well data	37	Pennsylvania	7	Beaver	PADEP SWRO	X			
37-007-20511-00	B24 Well Pad	B24-5H	See well data	See well data	37	Pennsylvania	7	Beaver	PADEP SWRO	X			
37-007-20512-00	B24 Well Pad	B24-6H	See well data	See well data	37	Pennsylvania	7	Beaver	PADEP SWRO	X			
37-007-20526-00	B24 Well Pad	B24-7H	See well data	See well data	37	Pennsylvania	7	Beaver	PADEP SWRO	X			
N/A	B2 Well Pad	B2 Well Pad	40.72176	-80.16478	37	Pennsylvania	7	Beaver	PADEP SWRO			X	
N/A	B4 Well Pad	B4 Well Pad	40.78019	-80.21578	37	Pennsylvania	7	Beaver	PADEP SWRO			X	
N/A	B5 Well Pad	B5 Well Pad	40.75874	-80.21794	37	Pennsylvania	7	Beaver	PADEP SWRO			X	
N/A	B8 Well Pad	B8 Well Pad	40.68634	-80.17028	37	Pennsylvania	7	Beaver	PADEP SWRO			X	
N/A	B9 Well Pad	B9 Well Pad	40.79096	-80.17210	37	Pennsylvania	7	Beaver	PADEP SWRO			X	
N/A	B11 Well Pad	B11 Well Pad	40.73461	-80.20138	37	Pennsylvania	7	Beaver	PADEP SWRO			X	
N/A	B12 Well Pad	B12 Well Pad	40.77877	-80.17051	37	Pennsylvania	7	Beaver	PADEP SWRO			X	
N/A	B15 Well Pad	B15 Well Pad	40.63953	-80.17953	37	Pennsylvania	7	Beaver	PADEP SWRO			X	
N/A	B17 Well Pad	B17 Well Pad	40.80245	-80.21260	37	Pennsylvania	7	Beaver	PADEP SWRO			X	
N/A	B22 Well Pad	B22 Well Pad	40.71601	-80.17755	37	Pennsylvania	7	Beaver	PADEP SWRO			X	
N/A	B24 Well Pad	B24 Well Pad	40.69250	-80.19717	37	Pennsylvania	7	Beaver	PADEP SWRO			X	
N/A	B37 Well Pad	B37 Well Pad	40.73052	-80.21858	37	Pennsylvania	7	Beaver	PADEP SWRO			X	
N/A	B39 Well Pad	B39 Well Pad	40.69511	-80.21422	37	Pennsylvania	7	Beaver	PADEP SWRO			X	
N/A	Zahn Well Pad	Zahn Well Pad	40.77502	-80.18474	37	Pennsylvania	7	Beaver	PADEP SWRO			X	

Notes:

1. Due to the nature of flowback operations (occasional unplanned scheduling changes), the flowback notifications for the B24-2H, B24-6H, B22-2H and B22-10H wells were submitted as soon as practicable.

ATTACHMENT 2 – WELL COMPLETION INFORMATION

PennEnergy Resources, LLC - Well Development Daily Log
40 CFR 60 Subpart OOOOa

Well Name: PER B9-1H
Well API Number: 37-007-20462-00
Well Coordinates: 40.790970 / -80.172234
Pad Address: 121 Ben Venue Road, Fombell, PA 16123
State / County / Municipality: PA / Beaver / Marion
Date / Time of Flowback Start: 11/12/2018 10:00
Total Flowback (Hours): 240
Separation Flowback (Hours): 194
Date / Time Well Shut In or Production Startup: 11/23/2018 7:00

DATE	11/12/2018	11/13/2018	11/14/2018	11/15/2018	11/16/2018	11/17/2018	11/18/2018	11/19/2018	11/20/2018	11/21/2018	11/22/2018	11/23/2018	Total
Duration of Recovery to Flow (Sales) Line in Hours - *Separation Recovery*	0	0	16	22	5	24	24	24	24	24	24	7	194
Duration of Flow to Combustion Device (Flare) in Hours - *Separation Combustion*	0	0	0	0	0	0	0	0	0	0	0	0	0
Duration of Venting in Hours (should be zero, if not explain below) - *Separation Venting*	0	0	0	0	0	0	0	0	0	0	0	0	0
Duration with Fluids Flowback Only in Hours - *Initial Flowback*	14	24	8	0	0	0	0	0	0	0	0	0	46
Duration with No Flowback in Hours	10	0	0	2	19	0	0	0	0	0	0	17	48
Total Daily Hours	24	24	24	24	24	24	24	24	24	24	24	24	288

Date / Time of Each Attempt to Direct Flowback to Separator: 11/14/2018 8:00
Date / Time of Each Occurrence of Returning to Initial Flowback Stage: Not Applicable
Explanation of Venting (if applicable): Not Applicable

PennEnergy Resources, LLC - Well Development Daily Log
40 CFR 60 Subpart OOOOa

Well Name: PER B9-2H
Well API Number: 37-007-20536-00
Well Coordinates: 40.790971 / -80.172162
Pad Address: 121 Ben Venue Road, Fombell, PA 16123
State / County / Municipality: PA / Beaver / Marion
Date / Time of Flowback Start: 11/24/2018 9:00
Total Flowback (Hours): 289
Separation Flowback (Hours): 264
Date / Time Well Shut In or Production Startup: 12/6/2018 6:00

DATE	11/24/2018	11/25/2018	11/26/2018	11/27/2018	11/28/2018	11/29/2018	11/30/2018	12/1/2018	12/2/2018	12/3/2018	12/4/2018	12/5/2018	12/6/2018	Total
Duration of Recovery to Flow (Sales) Line in Hours - *Separation Recovery*	0	14	24	24	24	24	24	24	24	24	24	24	10	264
Duration of Flow to Combustion Device (Flare) in Hours - *Separation Combustion*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duration of Venting in Hours (should be zero, if not explain below) - *Separation Venting*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duration with Fluids Flowback Only in Hours - *Initial Flowback*	15	10	0	0	0	0	0	0	0	0	0	0	0	25
Duration with No Flowback in Hours	9	0	0	0	0	0	0	0	0	0	0	0	14	23
Total Daily Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	312

Date / Time of Each Attempt to Direct Flowback to Separator: 11/25/2018 10:00
Date / Time of Each Occurrence of Returning to Initial Flowback Stage: Not Applicable
Explanation of Venting (if applicable): Not Applicable

PennEnergy Resources, LLC - Well Development Daily Log
40 CFR 60 Subpart OOOOa

Well Name: PER B9-3H
Well API Number: 37-007-20537-00
Well Coordinates: 40.790973 / -80.17209
Pad Address: 121 Ben Venue Road, Fombell, PA 16123
State / County / Municipality: PA / Beaver / Marion
Date / Time of Flowback Start: 11/23/2018 10:00
Total Flowback (Hours): 308
Separation Flowback (Hours): 276
Date / Time Well Shut In or Production Startup: 12/6/2018 6:00

DATE	11/23/2018	11/24/2018	11/25/2018	11/26/2018	11/27/2018	11/28/2018	11/29/2018	11/30/2018	12/1/2018	12/2/2018	12/3/2018	12/4/2018	12/5/2018	12/6/2018	Total
Duration of Recovery to Flow (Sales) Line in Hours - *Separation Recovery*	0	6	24	24	24	24	24	24	24	24	24	24	24	6	276
Duration of Flow to Combustion Device (Flare) in Hours - *Separation Combustion*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duration of Venting in Hours (should be zero, if not explain below) - *Separation Venting*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duration with Fluids Flowback Only in Hours - *Initial Flowback*	14	18	0	0	0	0	0	0	0	0	0	0	0	0	32
Duration with No Flowback in Hours	10	0	0	0	0	0	0	0	0	0	0	0	0	18	28
Total Daily Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	24	336

Date / Time of Each Attempt to Direct Flowback to Separator: 11/24/2018 18:00
Date / Time of Each Occurrence of Returning to Initial Flowback Stage: Not Applicable
Explanation of Venting (if applicable): Not Applicable

PennEnergy Resources, LLC - Well Development Daily Log
40 CFR 60 Subpart OOOOa

Well Name: PER B9-4H
Well API Number: 37-007-20538-00
Well Coordinates: 40.790974 / -80.172017
Pad Address: 121 Ben Venue Road, Fombell, PA 16123
State / County / Municipality: PA / Beaver / Marion
Date / Time of Flowback Start: 11/12/2018 8:00
Total Flowback (Hours): 258
Separation Flowback (Hours): 218
Date / Time Well Shut In or Production Startup: 11/24/2018 8:00

DATE	11/12/2018	11/13/2018	11/14/2018	11/15/2018	11/16/2018	11/17/2018	11/18/2018	11/19/2018	11/20/2018	11/21/2018	11/22/2018	11/23/2018	11/24/2018	Total
Duration of Recovery to Flow (Sales) Line in Hours - *Separation Recovery*	0	0	16	22	4	24	24	24	24	24	24	24	8	218
Duration of Flow to Combustion Device (Flare) in Hours - *Separation Combustion*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duration of Venting in Hours (should be zero, if not explain below) - *Separation Venting*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Duration with Fluids Flowback Only in Hours - *Initial Flowback*	16	24	0	0	0	0	0	0	0	0	0	0	0	40
Duration with No Flowback in Hours	8	0	8	2	20	0	0	0	0	0	0	0	16	54
Total Daily Hours	24	24	24	24	24	24	24	24	24	24	24	24	24	312

Date / Time of Each Attempt to Direct Flowback to Separator: 11/14/2018 8:00
Date / Time of Each Occurrence of Returning to Initial Flowback Stage: Not Applicable
Explanation of Venting (if applicable): Not Applicable

PennEnergy Resources, LLC - Well Development Daily Log
40 CFR 60 Subpart OOOOa

Well Name: PER B9-5H
Well API Number: 37-007-20539-00
Well Coordinates: 40.790914 / -80.172268
Pad Address: 121 Ben Venue Road, Fombell, PA 16123
State / County / Municipality: PA / Beaver / Marion
Date / Time of Flowback Start: 12/6/2018 11:00
Total Flowback (Hours): 140
Separation Flowback (Hours): 135
Date / Time Well Shut In or Production Startup: 12/12/2018 7:00

DATE	12/6/2018	12/7/2018	12/8/2018	12/9/2018	12/10/2018	12/11/2018	12/12/2018	Total
Duration of Recovery to Flow (Sales) Line in Hours - *Separation Recovery*	8	24	24	24	24	24	7	135
Duration of Flow to Combustion Device (Flare) in Hours - *Separation Combustion*	0	0	0	0	0	0	0	0
Duration of Venting in Hours (should be zero, if not explain below) - *Separation Venting*	0	0	0	0	0	0	0	0
Duration with Fluids Flowback Only in Hours - *Initial Flowback*	5	0	0	0	0	0	0	5
Duration with No Flowback in Hours	11	0	0	0	0	0	17	28
Total Daily Hours	24	24	24	24	24	24	24	168

Date / Time of Each Attempt to Direct Flowback to Separator: 12/6/2018 16:00
Date / Time of Each Occurrence of Returning to Initial Flowback Stage: Not Applicable
Explanation of Venting (if applicable): Not Applicable

PennEnergy Resources, LLC - Well Development Daily Log
40 CFR 60 Subpart OOOOa

Well Name: PER B9-6H
Well API Number: 37-007-20540-00
Well Coordinates: 40.790916 / -80.172196
Pad Address: 121 Ben Venue Road, Fombell, PA 16123
State / County / Municipality: PA / Beaver / Marion
Date / Time of Flowback Start: 12/6/2018 11:00
Total Flowback (Hours): 95
Separation Flowback (Hours): 92
Date / Time Well Shut In or Production Startup: 12/10/2018 10:00

DATE	12/6/2018	12/7/2018	12/8/2018	12/9/2018	12/10/2018	Total
Duration of Recovery to Flow (Sales) Line in Hours - *Separation Recovery*	10	24	24	24	10	92
Duration of Flow to Combustion Device (Flare) in Hours - *Separation Combustion*	0	0	0	0	0	0
Duration of Venting in Hours (should be zero, if not explain below) - *Separation Venting*	0	0	0	0	0	0
Duration with Fluids Flowback Only in Hours - *Initial Flowback*	3	0	0	0	0	3
Duration with No Flowback in Hours	11	0	0	0	14	25
Total Daily Hours	24	24	24	24	24	120

Date / Time of Each Attempt to Direct Flowback to Separator: 12/6/2018 14:00
Date / Time of Each Occurrence of Returning to Initial Flowback Stage: Not Applicable
Explanation of Venting (if applicable): Not Applicable

PennEnergy Resources, LLC - Well Development Daily Log
40 CFR 60 Subpart OOOOa

Well Name: PER B22 - 1H
Well API Number: 37-007-20513
Well Coordinates: 40.715969 / -80.177397
Pad Address: 157 Brunner Rd. Zelienople, PA 16063
State / County / Municipality: PA / New Sewickley Twp / Beaver
Date / Time of Flowback Start: 4/3/2019 8:00
Total Flowback (Hours): 191
Separation Flowback (Hours): 177
Date / Time Well Shut In or Production Startup: 4/11/2019 7:00

DATE	4/3/2019	4/4/2019	4/5/2019	4/6/2019	4/7/2019	4/8/2019	4/9/2019	4/10/2019	4/11/2019	Total
Duration of Recovery to Flow (Sales) Line in Hours - *Separation Recovery*	2	24	24	24	24	24	24	24	7	177
Duration of Flow to Combustion Device (Flare) in Hours - *Separation Combustion*	0	0	0	0	0	0	0	0	0	0
Duration of Venting in Hours (should be zero, if not explain below) - *Separation Venting*	0	0	0	0	0	0	0	0	0	0
Duration with Fluids Flowback Only in Hours - *Initial Flowback*	14	0	0	0	0	0	0	0	0	14
Duration with No Flowback in Hours	8	0	0	0	0	0	0	0	17	25
Total Daily Hours	24	24	24	24	24	24	24	24	24	216

Date / Time of Each Attempt to Direct Flowback to Separator: 4/3/2019 22:00
Date / Time of Each Occurrence of Returning to Initial Flowback Stage: Not Applicable
Explanation of Venting (if applicable): Not Applicable

PennEnergy Resources, LLC - Well Development Daily Log
40 CFR 60 Subpart OOOOa

Well Name: PER B22 - 2H
Well API Number: 37-007-20514
Well Coordinates: 40.715964 / -80.177469
Pad Address: 157 Brunner Rd. Zelienople, PA 16063
State / County / Municipality: PA / New Sewickley Twp / Beaver
Date / Time of Flowback Start: 3/28/2019 12:00
Total Flowback (Hours): 140
Separation Flowback (Hours): 131
Date / Time Well Shut In or Production Startup: 4/3/2019 8:00

DATE	3/28/2019	3/29/2019	3/30/2019	3/31/2019	4/1/2019	4/2/2019	4/3/2019	Total
Duration of Recovery to Flow (Sales) Line in Hours - *Separation Recovery*	3	24	24	24	24	24	8	131
Duration of Flow to Combustion Device (Flare) in Hours - *Separation Combustion*	0	0	0	0	0	0	0	0
Duration of Venting in Hours (should be zero, if not explain below) - *Separation Venting*	0	0	0	0	0	0	0	0
Duration with Fluids Flowback Only in Hours - *Initial Flowback*	9	0	0	0	0	0	0	9
Duration with No Flowback in Hours	12	0	0	0	0	0	16	28
Total Daily Hours	24	24	24	24	24	24	24	168

Date / Time of Each Attempt to Direct Flowback to Separator: 3/28/2019 21:00
Date / Time of Each Occurrence of Returning to Initial Flowback Stage: Not Applicable
Explanation of Venting (if applicable): Not Applicable

PennEnergy Resources, LLC - Well Development Daily Log
40 CFR 60 Subpart OOOOa

Well Name: PER B22 - 3H
Well API Number: 37-007-20515
Well Coordinates: 40.715964 / -80.177542
Pad Address: 157 Brunner Rd. Zelienople, PA 16063
State / County / Municipality: PA / New Sewickley Twp / Beaver
Date / Time of Flowback Start: 4/11/2019 8:00
Total Flowback (Hours): 118
Separation Flowback (Hours): 112
Date / Time Well Shut In or Production Startup: 4/16/2019 6:00

DATE	4/11/2019	4/12/2019	4/13/2019	4/14/2019	4/15/2019	4/16/2019	Total
Duration of Recovery to Flow (Sales) Line in Hours - *Separation Recovery*	10	24	24	24	24	6	112
Duration of Flow to Combustion Device (Flare) in Hours - *Separation Combustion*	0	0	0	0	0	0	0
Duration of Venting in Hours (should be zero, if not explain below) - *Separation Venting*	0	0	0	0	0	0	0
Duration with Fluids Flowback Only in Hours - *Initial Flowback*	6	0	0	0	0	0	6
Duration with No Flowback in Hours	8	0	0	0	0	18	26
Total Daily Hours	24	24	24	24	24	24	144

Date / Time of Each Attempt to Direct Flowback to Separator: 4/11/2019 14:00
Date / Time of Each Occurrence of Returning to Initial Flowback Stage: Not Applicable
Explanation of Venting (if applicable): Not Applicable

PennEnergy Resources, LLC - Well Development Daily Log
40 CFR 60 Subpart OOOOa

Well Name: PER B22 - 4H
Well API Number: 37-007-20516
Well Coordinates: 40.715956 / -80.177613
Pad Address: 157 Brunner Rd. Zelienople, PA 16063
State / County / Municipality: PA / New Sewickley Twp / Beaver
Date / Time of Flowback Start: 4/16/2019 10:00
Total Flowback (Hours): 141
Separation Flowback (Hours): 140
Date / Time Well Shut In or Production Startup: 4/22/2019 7:00

DATE	4/16/2019	4/17/2019	4/18/2019	4/19/2019	4/20/2019	4/21/2019	4/22/2019	Total
Duration of Recovery to Flow (Sales) Line in Hours - *Separation Recovery*	13	24	24	24	24	24	7	140
Duration of Flow to Combustion Device (Flare) in Hours - *Separation Combustion*	0	0	0	0	0	0	0	0
Duration of Venting in Hours (should be zero, if not explain below) - *Separation Venting*	0	0	0	0	0	0	0	0
Duration with Fluids Flowback Only in Hours - *Initial Flowback*	1	0	0	0	0	0	0	1
Duration with No Flowback in Hours	10	0	0	0	0	0	17	27
Total Daily Hours	24	24	24	24	24	24	24	168

Date / Time of Each Attempt to Direct Flowback to Separator: 4/16/2019 11:00
Date / Time of Each Occurrence of Returning to Initial Flowback Stage: Not Applicable
Explanation of Venting (if applicable): Not Applicable

PennEnergy Resources, LLC - Well Development Daily Log
40 CFR 60 Subpart OOOOa

Well Name: PER B22 - 5H
Well API Number: 37-007-20517
Well Coordinates: 40.715951 / -80.177684
Pad Address: 157 Brunner Rd. Zelienople, PA 16063
State / County / Municipality: PA / New Sewickley Twp / Beaver
Date / Time of Flowback Start: 4/5/2019 10:00
Total Flowback (Hours): 261
Separation Flowback (Hours): 250
Date / Time Well Shut In or Production Startup: 4/16/2019 7:00

DATE	4/5/2019	4/6/2019	4/7/2019	4/8/2019	4/9/2019	4/10/2019	4/11/2019	4/12/2019	4/13/2019	4/14/2019	4/15/2019	4/16/2019	Total
Duration of Recovery to Flow (Sales) Line in Hours - *Separation Recovery*	3	24	24	24	24	24	24	24	24	24	24	7	250
Duration of Flow to Combustion Device (Flare) in Hours - *Separation Combustion*	0	0	0	0	0	0	0	0	0	0	0	0	0
Duration of Venting in Hours (should be zero, if not explain below) - *Separation Venting*	0	0	0	0	0	0	0	0	0	0	0	0	0
Duration with Fluids Flowback Only in Hours - *Initial Flowback*	11	0	0	0	0	0	0	0	0	0	0	0	11
Duration with No Flowback in Hours	10	0	0	0	0	0	0	0	0	0	0	17	27
Total Daily Hours	24	24	24	24	24	24	24	24	24	24	24	24	288

Date / Time of Each Attempt to Direct Flowback to Separator: 4/5/2019 21:00
Date / Time of Each Occurrence of Returning to Initial Flowback Stage: Not Applicable
Explanation of Venting (if applicable): Not Applicable

PennEnergy Resources, LLC - Well Development Daily Log
40 CFR 60 Subpart OOOOa

Well Name: PER B22 - 10H
Well API Number: 37-007-20519
Well Coordinates: 40.716006 / -80.177690
Pad Address: 157 Brunner Rd. Zelienople, PA 16063
State / County / Municipality: PA / New Sewickley Twp / Beaver
Date / Time of Flowback Start: 3/28/2019 7:00
Total Flowback (Hours): 189
Separation Flowback (Hours): 178
Date / Time Well Shut In or Production Startup: 4/5/2019 8:00

DATE	3/28/2019	3/29/2019	3/30/2019	3/31/2019	4/1/2019	4/2/2019	4/3/2019	4/4/2019	4/5/2019	Total
Duration of Recovery to Flow (Sales) Line in Hours - *Separation Recovery*	6	24	24	23	24	21	24	24	8	178
Duration of Flow to Combustion Device (Flare) in Hours - *Separation Combustion*	0	0	0	0	0	0	0	0	0	0
Duration of Venting in Hours (should be zero, if not explain below) - *Separation Venting*	0	0	0	0	0	0	0	0	0	0
Duration with Fluids Flowback Only in Hours - *Initial Flowback*	11	0	0	0	0	0	0	0	0	11
Duration with No Flowback in Hours	7	0	0	1	0	3	0	0	16	27
Total Daily Hours	24	24	24	24	24	24	24	24	24	216

Date / Time of Each Attempt to Direct Flowback to Separator: 3/28/2019 18:00
Date / Time of Each Occurrence of Returning to Initial Flowback Stage: Not Applicable
Explanation of Venting (if applicable): Not Applicable

PennEnergy Resources, LLC - Well Development Daily Log
40 CFR 60 Subpart OOOOa

Well Name: PER B24 - 2H
Well API Number: 37-007-20508-00
Well Coordinates: 40.692583 / -80.197281
Pad Address: 540 Baker Road Freedom, PA 15042
State / County / Municipality: PA / Beaver / New Sewickley
Date / Time of Flowback Start: 8/23/2018 10:00
Total Flowback (Hours): 216
Separation Flowback (Hours): 186
Date / Time Well Shut In or Production Startup: 9/1/2018 10:00

DATE	8/23/2018	8/24/2018	8/25/2018	8/26/2018	8/27/2018	8/28/2018	8/29/2018	8/30/2018	8/31/2018	9/1/2018	Total
Duration of Recovery to Flow (Sales) Line in Hours - *Separation Recovery*	0	8	24	24	24	24	24	24	24	10	186
Duration of Flow to Combustion Device (Flare) in Hours - *Separation Combustion*	0	0	0	0	0	0	0	0	0	0	0
Duration of Venting in Hours (should be zero, if not explain below) - *Separation Venting*	0	0	0	0	0	0	0	0	0	0	0
Duration with Fluids Flowback Only in Hours - *Initial Flowback*	14	16	0	0	0	0	0	0	0	0	30
Duration with No Flowback in Hours	10	0	0	0	0	0	0	0	0	14	24
Total Daily Hours	24	24	24	24	24	24	24	24	24	24	240

Date / Time of Each Attempt to Direct Flowback to Separator: 9/1/2018 10:00
Date / Time of Each Occurrence of Returning to Initial Flowback Stage: Not Applicable
Explanation of Venting (if applicable): Not Applicable

PennEnergy Resources, LLC - Well Development Daily Log
40 CFR 60 Subpart OOOOa

Well Name: PER B24 - 3H
Well API Number: 37-007-20509-00
Well Coordinates: 40.692530 / -80.1972887
Pad Address: 540 Baker Road Freedom, PA 15042
State / County / Municipality: PA / Beaver / New Sewickley
Date / Time of Flowback Start: 9/6/2018 8:00
Total Flowback (Hours): 146
Separation Flowback (Hours): 117
Date / Time Well Shut In or Production Startup: 9/12/2018 10:00

DATE	9/6/2018	9/7/2018	9/8/2018	9/9/2018	9/10/2018	9/11/2018	9/12/2018	Total
Duration of Recovery to Flow (Sales) Line in Hours - *Separation Recovery*	0	11	24	24	24	24	10	117
Duration of Flow to Combustion Device (Flare) in Hours - *Separation Combustion*	0	0	0	0	0	0	0	0
Duration of Venting in Hours (should be zero, if not explain below) - *Separation Venting*	0	0	0	0	0	0	0	0
Duration with Fluids Flowback Only in Hours - *Initial Flowback*	16	13	0	0	0	0	0	29
Duration with No Flowback in Hours	8	0	0	0	0	0	14	22
Total Daily Hours	24	24	24	24	24	24	24	168

Date / Time of Each Attempt to Direct Flowback to Separator: 9/7/2018 13:00
Date / Time of Each Occurrence of Returning to Initial Flowback Stage: Not Applicable
Explanation of Venting (if applicable): Not Applicable

PennEnergy Resources, LLC - Well Development Daily Log
40 CFR 60 Subpart OOOOa

Well Name: PER B24 - 4H
Well API Number: 37-007-20510-00
Well Coordinates: 40.692475 / -80.197300
Pad Address: 540 Baker Road Freedom, PA 15042
State / County / Municipality: PA / Beaver / New Sewickley
Date / Time of Flowback Start: 8/30/2018 9:00
Total Flowback (Hours): 167
Separation Flowback (Hours): 144
Date / Time Well Shut In or Production Startup: 9/6/2018 8:00

DATE	8/30/2018	8/31/2018	9/1/2018	9/2/2018	9/3/2018	9/4/2018	9/5/2018	9/6/2018	Total
Duration of Recovery to Flow (Sales) Line in Hours - *Separation Recovery*	0	16	24	24	24	24	24	8	144
Duration of Flow to Combustion Device (Flare) in Hours - *Separation Combustion*	0	0	0	0	0	0	0	0	0
Duration of Venting in Hours (should be zero, if not explain below) - *Separation Venting*	0	0	0	0	0	0	0	0	0
Duration with Fluids Flowback Only in Hours - *Initial Flowback*	15	8	0	0	0	0	0	0	23
Duration with No Flowback in Hours	9	0	0	0	0	0	0	16	25
Total Daily Hours	24	24	24	24	24	24	24	24	192

Date / Time of Each Attempt to Direct Flowback to Separator: 8/31/2018 8:00
Date / Time of Each Occurrence of Returning to Initial Flowback Stage: Not Applicable
Explanation of Venting (if applicable): Not Applicable

PennEnergy Resources, LLC - Well Development Daily Log
40 CFR 60 Subpart OOOOa

Well Name: PER B24 - 5H
Well API Number: 37-007-20511-00
Well Coordinates: 40.692419 / -80.197308
Pad Address: 540 Baker Road Freedom, PA 15042
State / County / Municipality: PA / Beaver / New Sewickley
Date / Time of Flowback Start: 9/7/2018 8:00
Total Flowback (Hours): 244
Separation Flowback (Hours): 195
Date / Time Well Shut In or Production Startup: 9/17/2018 7:00

DATE	9/7/2018	9/8/2018	9/9/2018	9/10/2018	9/11/2018	9/12/2018	9/13/2018	9/14/2018	9/15/2018	9/16/2018	9/17/2018	Total
Duration of Recovery to Flow (Sales) Line in Hours - *Separation Recovery*	0	8	22	24	24	21	24	24	24	24	0	195
Duration of Flow to Combustion Device (Flare) in Hours - *Separation Combustion*	0	0	0	0	0	0	0	0	0	0	0	0
Duration of Venting in Hours (should be zero, if not explain below) - *Separation Venting*	0	0	0	0	0	0	0	0	0	0	0	0
Duration with Fluids Flowback Only in Hours - *Initial Flowback*	16	16	0	0	0	0	0	0	0	0	17	49
Duration with No Flowback in Hours	8	0	2	0	0	3	0	0	0	0	7	20
Total Daily Hours	24	24	24	24	24	24	24	24	24	24	24	264

Date / Time of Each Attempt to Direct Flowback to Separator: 9/8/2018 16:00
Date / Time of Each Occurrence of Returning to Initial Flowback Stage: Not Applicable
Explanation of Venting (if applicable): Not Applicable

PennEnergy Resources, LLC - Well Development Daily Log
40 CFR 60 Subpart OOOOa

Well Name: PER B24 - 6H
Well API Number: 37-007-20512-00
Well Coordinates: 40.692367 / -80.197317
Pad Address: 540 Baker Road Freedom, PA 15042
State / County / Municipality: PA / Beaver / New Sewickley
Date / Time of Flowback Start: 8/23/2018 6:00
Total Flowback (Hours): 170
Separation Flowback (Hours): 133
Date / Time Well Shut In or Production Startup: 8/30/2018 8:00

DATE	8/23/2018	8/24/2018	8/25/2018	8/26/2018	8/27/2018	8/28/2018	8/29/2018	8/30/2018	Total
Duration of Recovery to Flow (Sales) Line in Hours - *Separation Recovery*	0	5	24	24	24	24	24	8	133
Duration of Flow to Combustion Device (Flare) in Hours - *Separation Combustion*	0	0	0	0	0	0	0	0	0
Duration of Venting in Hours (should be zero, if not explain below) - *Separation Venting*	0	0	0	0	0	0	0	0	0
Duration with Fluids Flowback Only in Hours - *Initial Flowback*	18	19	0	0	0	0	0	0	37
Duration with No Flowback in Hours	6	0	0	0	0	0	0	16	22
Total Daily Hours	24	24	24	24	24	24	24	24	192

Date / Time of Each Attempt to Direct Flowback to Separator: 8/24/2018 19:00
Date / Time of Each Occurrence of Returning to Initial Flowback Stage: Not Applicable
Explanation of Venting (if applicable): Not Applicable

PennEnergy Resources, LLC - Well Development Daily Log
40 CFR 60 Subpart OOOOa

Well Name: PER B24 - 7H
Well API Number: 37-007-20526-00
Well Coordinates: 40.692578 / -80.197208
Pad Address: 540 Baker Road Freedom, PA 15042
State / County / Municipality: PA / Beaver / New Sewickley
Date / Time of Flowback Start: 9/1/2018 11:00
Total Flowback (Hours): 141
Separation Flowback (Hours): 116
Date / Time Well Shut In or Production Startup: 9/7/2018 8:00

DATE	9/1/2018	9/2/2018	9/3/2018	9/4/2018	9/5/2018	9/6/2018	9/7/2018	Total
Duration of Recovery to Flow (Sales) Line in Hours - *Separation Recovery*	0	12	24	24	24	24	8	116
Duration of Flow to Combustion Device (Flare) in Hours - *Separation Combustion*	0	0	0	0	0	0	0	0
Duration of Venting in Hours (should be zero, if not explain below) - *Separation Venting*	0	0	0	0	0	0	0	0
Duration with Fluids Flowback Only in Hours - *Initial Flowback*	13	12	0	0	0	0	0	25
Duration with No Flowback in Hours	11	0	0	0	0	0	16	27
Total Daily Hours	24	24	24	24	24	24	24	168

Date / Time of Each Attempt to Direct Flowback to Separator: 9/2/2018 12:00
Date / Time of Each Occurrence of Returning to Initial Flowback Stage: Not Applicable
Explanation of Venting (if applicable): Not Applicable

ATTACHMENT 3 - WELLSITE FUGITIVE COMPONENT INFORMATION

Collection of Fugitive Emissions Components at a Well Site

§60.5420a(b)(7)

Survey Information														
Facility Name	Date (b)(7)(i)	Beginning and End Time (b)(7)(ii)	Name, Training and Experience of OGI Operator (b)(7)(iii)	Ambient Temperature, Sky Conditions and Maximum Wind Speed (b)(7)(iv)	Monitoring Instrument (b)(7)(v)	Deviations (or Statement of No Deviations) (b)(7)(vi)	Number and Type of Components for Which Emissions Were Detected (b)(7)(vii)	Number and Type of Components Not Repaired as Required (b)(7)(viii)	Number and Type of DTM & UTM Components Monitored (b)(7)(ix)	Date of Successful Leak Repairs (b)(7)(x)	Number and Type of Components Placed on DOR and Explanation (b)(7)(xi)	Type of Instrument Used to Resurvey a Repaired Component (not during the initial finding) (b)(7)(xii)	Comments
B2 Well Pad	11/27/2018	9:30 AM 10:15 AM	Domenic Tedesco (PennEnergy Resources), ITC Certified Thermographer with four (4) years of production/midstream surveying experience (including over 200 natural gas facility inspections)	38.2 deg F Overcast 6.9 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	#1 - Connector #2 - Regulator	n/a	n/a	#1 - 11/27/2018 #2 - 11/28/2018	n/a	#2 - Soap test	None
	5/30/2019	4:05 PM 4:40 PM	Domenic Tedesco: ITC Certified Thermographer with five (5) years of production/midstream surveying experience (including hundreds of natural gas facility inspections) Taylor Schwab: Has completed ~30 natural gas facility inspections under supervision of ITC Certified Thermographer	68.6 deg F Overcast 8.7 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	No leaks detected	n/a	n/a	n/a	n/a	n/a	None
B4 Well Pad	11/27/2018	12:50 PM 1:40 PM	Domenic Tedesco (PennEnergy Resources), ITC Certified Thermographer with four (4) years of production/midstream surveying experience (including over 200 natural gas facility inspections)	34.1 deg F Overcast 4.5 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	#1 - PVRV	n/a	n/a	#1 - 12/17/2018	n/a	#1 - OGI	None
	5/30/2019	10:25 AM 11:20 AM	Domenic Tedesco: ITC Certified Thermographer with five (5) years of production/midstream surveying experience (including hundreds of natural gas facility inspections) Taylor Schwab: Has completed ~30 natural gas facility inspections under supervision of ITC Certified Thermographer	68.0 deg F Overcast 4.9 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	#1 - Flange #2 - Thief hatch #3 - Thief hatch	n/a	n/a	#1 - 5/31/2019 #2 - 5/30/2019 #3 - 5/30/2019	n/a	#1 - OGI	None
B5 Well Pad	11/27/2018	12:05 PM 12:40 PM	Domenic Tedesco (PennEnergy Resources), ITC Certified Thermographer with four (4) years of production/midstream surveying experience (including over 200 natural gas facility inspections)	29.0 deg F Overcast 6.3 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	No leaks detected	n/a	n/a	n/a	n/a	n/a	None
	5/30/2019	12:00 PM 12:55 PM	Domenic Tedesco: ITC Certified Thermographer with five (5) years of production/midstream surveying experience (including hundreds of natural gas facility inspections) Taylor Schwab: Has completed ~30 natural gas facility inspections under supervision of ITC Certified Thermographer	73.3 deg F Overcast 2.6 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	#1 - Thief hatch	n/a	n/a	#1 - 5/30/2019	n/a	n/a	None
B8 Well Pad	11/27/2018	8:40 AM 9:05 AM	Domenic Tedesco (PennEnergy Resources), ITC Certified Thermographer with four (4) years of production/midstream surveying experience (including over 200 natural gas facility inspections)	29.0 deg F Overcast 7.0 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	No leaks detected	n/a	n/a	n/a	n/a	n/a	None
	5/31/2019	8:25 AM 10:20 AM	Domenic Tedesco: ITC Certified Thermographer with five (5) years of production/midstream surveying experience (including hundreds of natural gas facility inspections) Taylor Schwab: Has completed ~30 natural gas facility inspections under supervision of ITC Certified Thermographer	61.8 deg F Overcast 1.6 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	#1 - Regulator #2 - Thief hatch #3 - Thief hatch #4 - Valve	n/a	n/a	#1 - 5/31/2019 #2 - 5/31/2019 #3 - 5/31/2019 #4 - 5/31/2019	n/a	n/a	None
B9 Well Pad	12/21/2018	8:00 AM 8:50 AM	Domenic Tedesco (PennEnergy Resources), ITC Certified Thermographer with four (4) years of production/midstream surveying experience (including over 200 natural gas facility inspections)	48.4 deg F Overcast 8.4 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	#1 - Connector	n/a	n/a	#1 - 12/21/2018	n/a	n/a	None
	5/30/2019	9:20 AM 10:05 AM	Domenic Tedesco: ITC Certified Thermographer with five (5) years of production/midstream surveying experience (including hundreds of natural gas facility inspections) Taylor Schwab: Has completed ~30 natural gas facility inspections under supervision of ITC Certified Thermographer	67.1 deg F Overcast 1.4 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	No leaks detected	n/a	n/a	n/a	n/a	n/a	None

Collection of Fugitive Emissions Components at a Well Site

§60.5420a(b)(7)

Survey Information													
Facility Name	Date (b)(7)(i)	Beginning and End Time (b)(7)(ii)	Name, Training and Experience of OGI Operator (b)(7)(iii)	Ambient Temperature, Sky Conditions and Maximum Wind Speed (b)(7)(iv)	Monitoring Instrument (b)(7)(v)	Deviations (or Statement of No Deviations) (b)(7)(vi)	Number and Type of Components for Which Emissions Were Detected (b)(7)(vii)	Number and Type of Components Not Repaired as Required (b)(7)(viii)	Number and Type of DTM & UTM Components Monitored (b)(7)(ix)	Date of Successful Leak Repairs (b)(7)(x)	Number and Type of Components Placed on DOR and Explanation (b)(7)(xi)	Type of Instrument Used to Resurvey a Repaired Component (not during the initial finding) (b)(7)(xii)	Comments
B11 Well Pad	11/27/2018	11:20 AM 11:45 AM	Domenic Tedesco (PennEnergy Resources), ITC Certified Thermographer with four (4) years of production/midstream surveying experience (including over 200 natural gas facility inspections)	32.0 deg F Overcast 6.1 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	No leaks detected	n/a	n/a	n/a	n/a	n/a	None
	5/30/2019	2:50 PM 3:50 PM	Domenic Tedesco: ITC Certified Thermographer with five (5) years of production/midstream surveying experience (including hundreds of natural gas facility inspections) Taylor Schwab: Has completed ~30 natural gas facility inspections under supervision of ITC Certified Thermographer	68.4 deg F Overcast 5.8 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	#1 - Valve	n/a	n/a	#1 - 5/31/2019	n/a	#1 - Soap test	None
B12 Well Pad	11/27/2018	2:05 PM 2:30 PM	Domenic Tedesco (PennEnergy Resources), ITC Certified Thermographer with four (4) years of production/midstream surveying experience (including over 200 natural gas facility inspections)	28.2 deg F Overcast 8.8 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	#1 - Connector	n/a	n/a	#1 - 11/27/2018	n/a	n/a	None
	5/30/2019	7:00 AM 8:30 AM	Domenic Tedesco: ITC Certified Thermographer with five (5) years of production/midstream surveying experience (including hundreds of natural gas facility inspections) Taylor Schwab: Has completed ~30 natural gas facility inspections under supervision of ITC Certified Thermographer	65.3 deg F Overcast 5.7 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	#1 - Hammer union #2 - Regulator	n/a	n/a	#1 - 5/30/2019 #2 - 5/30/2019	n/a	n/a	None
B15 Well Pad	11/27/2018	7:40 AM 8:20 AM	Domenic Tedesco (PennEnergy Resources), ITC Certified Thermographer with four (4) years of production/midstream surveying experience (including over 200 natural gas facility inspections)	28.2 deg F Overcast 9.0 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	#1 - Connector	n/a	n/a	#1 - 11/28/2018	n/a	#1 - Soap test	None
	5/31/2019	10:45 AM 11:35 AM	Domenic Tedesco: ITC Certified Thermographer with five (5) years of production/midstream surveying experience (including hundreds of natural gas facility inspections) Taylor Schwab: Has completed ~30 natural gas facility inspections under supervision of ITC Certified Thermographer	78.3 deg F Partly cloudy 4.3 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	No leaks detected	n/a	n/a	n/a	n/a	n/a	None
B17 Well Pad	---	---	---	---	---	---	---	---	---	---	---	---	This facility became subject to the rule during the current compliance period, but no survey was required or conducted during the current compliance period.
B22 Well Pad	5/3/2019	7:50 AM 9:20 AM	Domenic Tedesco (PennEnergy Resources), ITC Certified Thermographer with four (4) years of production/midstream surveying experience (including over 200 natural gas facility inspections)	63.2 deg F Overcast 6.6 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	#1 - Connector	n/a	n/a	#1 - 5/3/2019	n/a	n/a	None
B24 Well Pad	10/15/2018	1:00 PM 3:15 PM	Domenic Tedesco (PennEnergy Resources), ITC Certified Thermographer with four (4) years of production/midstream surveying experience (including over 200 natural gas facility inspections)	62.9 deg F Overcast 6.0 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	#1 - Connector #2 - Connector #3 - Hammer union	n/a	n/a	#1 - 10/15/2018 #2 - 10/15/2018 #3 - 10/15/2018	n/a	#1 - Soap test	None
	4/2/2019	8:00 AM 9:05 AM	Domenic Tedesco: ITC Certified Thermographer with five (5) years of production/midstream surveying experience (including hundreds of natural gas facility inspections) Taylor Schwab: Has completed ~30 natural gas facility inspections under supervision of ITC Certified Thermographer	37.0 deg F Partly cloudy 0.0 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	#1 - PVRV (pressure side) #2 - PVRV (vacuum side)	n/a	n/a	#1 - 4/2/2019 #2 - 4/2/2019	n/a	n/a	None

Collection of Fugitive Emissions Components at a Well Site

§60.5420a(b)(7)

	Survey Information												
Facility Name	Date (b)(7)(i)	Beginning and End Time (b)(7)(ii)	Name, Training and Experience of OGI Operator (b)(7)(iii)	Ambient Temperature, Sky Conditions and Maximum Wind Speed (b)(7)(iv)	Monitoring Instrument (b)(7)(v)	Deviations (or Statement of No Deviations) (b)(7)(vi)	Number and Type of Components for Which Emissions Were Detected (b)(7)(vii)	Number and Type of Components Not Repaired as Required (b)(7)(viii)	Number and Type of DTM & UTM Components Monitored (b)(7)(ix)	Date of Successful Leak Repairs (b)(7)(x)	Number and Type of Components Placed on DOR and Explanation (b)(7)(xi)	Type of Instrument Used to Resurvey a Repaired Component (not during the Initial finding) (b)(7)(xii)	Comments
B37 Well Pad	11/27/2018	10:30 AM 11:10 AM	Domenic Tedesco (PennEnergy Resources), ITC Certified Thermographer with four (4) years of production/midstream surveying experience (including over 200 natural gas facility inspections)	28.6 deg F Overcast 8.6 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	No leaks detected	n/a	n/a	n/a	n/a	n/a	None
	5/30/2019	1:20 PM 2:25 PM	Domenic Tedesco: ITC Certified Thermographer with five (5) years of production/midstream surveying experience (including hundreds of natural gas facility inspections) Taylor Schwab: Has completed ~30 natural gas facility inspections under supervision of ITC Certified Thermographer	72.4 deg F Overcast 4.3 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	#1 - Regulator	n/a	n/a	#1 -6/6/2019	n/a	#1 - Soap test	None
B39 Well Pad	8/9/2018	2:15 PM 3:00 PM	Domenic Tedesco (PennEnergy Resources), ITC Certified Thermographer with four (4) years of production/midstream surveying experience (including over 200 natural gas facility inspections)	80.9 deg F Overcast 7.5 mph	FLIR GFX320 OGI Camera	There were no deviations from the monitoring plan	#1 - Thief hatch #2 - Connector #3 - Connector	n/a	n/a	#1 - 8/9/2018 #2 - 8/9/2018 #3 - 8/9/2018	n/a	n/a	None
	3/8/2019	2:00 PM 4:20 PM	Domenic Tedesco: ITC Certified Thermographer with five (5) years of production/midstream surveying experience (including hundreds of natural gas facility inspections)	37.0 deg F Overcast 3.8 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	#1 - Hammer union #2 - Thief hatch #3 - Connector #4 - Connector #5 - Connector #6 - Connector #7 - Connector	n/a	n/a	#1 - 3/8/2019 #2 - 3/8/2019 #3 - 3/8/2019 #4 - 3/8/2019 #5 - 3/8/2019 #6 - 3/8/2019 #7 - 3/8/2019	n/a	n/a	None
	7/16/2019	7:30 AM 9:00 AM	Taylor Schwab: ITC Certified Thermographer with experience surveying ~40 natural gas production facilities	73.8 deg F Partly cloudy 2.9 mph	FLIR GFx320 OGI Camera	There were no deviations from the monitoring plan	#1 - Thief hatch #2 - Thief hatch	n/a	n/a	#1 - 7/16/2019 #2 - 7/16/2019	n/a	n/a	None
Zahn Well Pad	---	---	---	---	---	---	---	---	---	---	---	---	This facility became subject to the rule during the current compliance period, but no survey was required or conducted during the current compliance period.