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)	30.2 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 surveytng 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

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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 GF320 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.