ATTACHMENT 4 – WELLSITE FUGITIVE COMPONENT INFORMATION

Collection of Fugitive Emissions Components at a Well Site

§60.5420a(b)(7)

Facility Name	Legal Entity	Survey Information														WV Facility ID #
		Date (b)(7)(i)	Beginning Time (b)(7)(ii)	End Time (b)(7)(iii)	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	
RSM 118 Pad	EQT Production Company	8/3/2018	8:15 AM	9:15 AM	Everett Wright - Received operational training provided by Heath Consultants - OpGal Rep November 2016 Conducted Surveys since November 2016 OGI Certified by the Infrared Training Center (FLIR) March, 2018	70 deg F, Partly Cloudy, 2 mph	OpGal EyeCGas TCG15080261	No	None	N/A	N/A	N/A	N/A	N/A		091-00047
BIG 190 Pad	EQT Production Company	8/8/2018	1:00 PM	2:00 PM	Everett Wright - Received operational training provided by Heath Consultants - OpGal Rep November 2016 Conducted Surveys since November 2016 OGI Certified by the Infrared Training Center (FLIR) March, 2018	81 deg F, Partly Cloudy, 3 mph	OpGal EyeCGas TCG15080261	No	None	N/A	N/A	N/A	N/A	N/A		103-00056
OXF 160 Pad	EQT Production Company	8/13/2018	10:40 AM	12:10 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	75 deg F, Partly Cloudy, 3 mph	FLIR GFX 320	No	2: Little Joe/Burner Supply - Well 513775 GPU; 1" 1600 psi burst disk - Well 513775 GPU	None	N/A	8/13/2018 8/13/2018	None	FLIR GFX 320		017-00039
BIG 177 Pad	EQT Production Company	8/15/2018	12:30 PM	1:45 PM	Everett Wright - Received operational training provided by Heath Consultants - OpGal Rep November 2016 Conducted Surveys since November 2016 OGI Certified by the Infrared Training Center (FLIR) March, 2018	80 deg F, Partly Cloudy, 5 mph	OpGal EyeCGas TCG14090170	No	1: Enardo Pressure Side - Sand Trap Tank	None	N/A	8/15/2018	None	OpGal EyeCGas TCG15080261		103-00113
OXF 163 Pad	EQT Production Company	8/16/2018	8:50 AM	10:10 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	70 deg F, Clear, 5 mph	FLIR GFX 320	No	None	N/A	N/A	N/A	N/A	N/A		085-00053
WEU 8 Pad	EQT Production Company	8/16/2018	11:40 AM	12:30 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	85 deg F, Clear, 5 mph	FLIR GFX 320	No	4: Weighted Lid on Sand Trap Tank; CashCo Pressure Side Tank 513764.001; CashCo Pressure Side - Tank 513768.001; CashCo Pressure Side - Tank 513769.001	None	N/A	8/17/2018 8/17/2018 8/17/2018 8/17/2018	None	0		017-00066
OXF 156 Pad	EQT Production Company	8/17/2018	10:45 AM	1:45 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	75 deg F, Overcast, 8 mph	FLIR GFX 320	No	6: CashCo Pressure Side - Tank 513138.001; CashCo Pressure Side - Tank 513139.001; Roughneck - Tank 513139.001; CashCo Pressure Side - Tank 513142.001; CashCo Pressure Side - Tank 513140.001; CashCo Vacuum Side - Tank 513138.002	None	N/A	8/17/2018 8/17/2018 8/17/2018 8/17/2018 8/17/2018 8/17/2018	None	FLIR GFX 320		017-00167
OXF 127 Pad	EQT Production Company	8/20/2018	11:55 AM	3:30 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	85 deg F, Partly Cloudy, 6 mph	FLIR GFX 320	No	5: CashCo Pressure Side - Tank 515679.001; CashCo Vacuum Side - Tank 515680.001; CashCo Pressure Side - Tank 515682.001; CashCo Pressure Side - Tank 515682.002; CashCo Pressure Side - Tank 515681.001	None	N/A	8/20/2018 8/20/2018 8/20/2018 8/20/2018 8/20/2018	None	FLIR GFX 320		017-00048
PFS 3 - Ball Pad	EQT Production Company	9/4/2018	9:55 AM	11:25 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	81 deg F, Clear, 2 mph	FLIR GFX 320	No	4: Enardo Pressure Side - Sand Trap Tank; 1" Oil Dump Valve - Well 516122 GPU; Enardo Pressure Side - Tank 516120.001; Enardo Pressure Side - Tank 516123.001	None	N/A	09/04/2018 09/04/2018 09/04/2018 09/04/2018	None	FLIR GFX 320		095-00024
BIG 367 Pad	EQT Production Company	9/5/2018	11:05 AM	1:30 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	85 deg F, Clear, 6 mph	FLIR GFX 320	No	3: CashCo Pressure Side - Tank 514565.001; CashCo Pressure Side - Tank 514566.001; CashCo Pressure Side - Tank 514562.001	None	N/A	9/5/2018 9/5/2018 9/5/2018	None	FLIR GFX 320		103-00096
NMA 9 - Smith Pad	EQT Production Company	9/17/2018	1:00 PM	2:00 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	82 deg F, Partly Cloudy, 4 mph	FLIR GFX 320	No	None	N/A	N/A	N/A	N/A	N/A		103-00107

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GLO 76 Pad	EQT Production Company	9/13/2018	12:45 PM	1:15 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	80 deg F, Clear, 3 mph	FLIR GFX 320	No	None	N/A	N/A	N/A	N/A	N/A			049-00108
BIG 333 Pad	EQT Production Company	9/13/2018	9:00 AM	9:45 M	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	74 deg F, Partly Cloudy, 2 mph	FLIR GFX 320	No	None	N/A	N/A	N/A	N/A	N/A			103-00074
BIG 192 Pad	EQT Production Company	9/13/2018	10:10 AM	11:30 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	75 deg F, Clear, 3 mph	FLIR GFX 320	No	2: Enardo Pressure Side - Tank 513876 001; Weighted Lid - BIG192 ST1	None	N/A	09/13/2018 09/13/2018	None	FLIR GFX 320			103-00073
OXF 159 Pad	EQT Production Company	9/14/2018	10:15 AM	11:20 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	75 deg F, Clear, 3 mph	FLIR GFX 320	No	1: CashCo Pressure Side - Tank 513153 001	None	N/A	9/14/2018	None	FLIR GFX 320			017-00152
OXF 43 Pad	EQT Production Company	9/17/2018	12:30 PM	1:40 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	74 deg F, Overcast, 7 mph	FLIR GFX 320	No	None	N/A	N/A	N/A	N/A	N/A			017-00069
SHR 60 Pad	EQT Production Company	9/18/2018	11:45 AM	12:45 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	76 deg F, Partly Cloudy, 2 mph	FLIR GFX 320	No	1: CashCo Pressure Side - Tank 514460 002	None	N/A	9/18/2018	None	FLIR GFX 320			095-00068
WEU 4 Pad	EQT Production Company	9/18/2018	1:05 PM	1:45 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	78 deg F, Partly Cloudy, 2 mph	FLIR GFX 320	No	None	N/A	N/A	N/A	N/A	N/A			091-00046
PUL 96 Pad	EQT Production Company	9/19/2018	8:40 AM	9:50 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	68 deg F, Overcast, 2 mph	FLIR GFX 320	No	2: Well Mark Level Controller - LPS; Water Snap Pilot - Well 515977 GPU	None	N/A	9/19/2018 9/19/2018	None	FLIR GFX 320			085-00056
OXF 153 Pad	EQT Production Company	9/19/2018	11:00 AM	12:45 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	75 deg F, Clear, 2 mph	FLIR GFX 320	No	3: CashCo Pressure Side - Tank 512498 001; CashCo Pressure Side - Tank 512445 001; CashCo Pressure Side - 512497 001	None	N/A	9/19/2018 9/19/2018 9/19/2018	None	FLIR GFX 320			017-00053
PEN 54 Pad	EQT Production Company	9/20/2018	8:50 AM	10:20 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	70 deg F, Clear, 2 mph	FLIR GFX 320	No	2: CashCo Pressure Side - Tank 514475 001; CashCo Pressure Side - Tank 515874 001	None	N/A	9/20/2018 9/20/2018	None	FLIR GFX 320			085-00058
WEU 7 Pad	EQT Production Company	9/20/2018	12:45 PM	2:45 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	84 deg F, Clear, 4 mph	FLIR GFX 320	No	4: CashCo Pressure Side - Tank 512681 001; CashCo Pressure Side - Tank 515877 001; CashCo Pressure Side - Tank 513370 001; CashCo Vacuum Side - Tank 513370 001	None	N/A	9/20/2018 9/20/2018 9/20/2018 9/20/2018	None	FLIR GFX 320			017-00050

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NMA 13 - Erlewine Pad	EQT Production Company	10/1/2018	11:05 AM	11:35 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	74 deg F, Clear, 2 mph	FLIR GFX 320	No	None	N/A	N/A	NA	N/A	N/A	-	103-00116
OXF 122 Pad	EQT Production Company	10/10/2018	8:10 AM	9:30 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	65 deg F, Clear, 2 mph	FLIR GFX 320	No	2: CashCo Pressure Side - Tank OXF122-PTC1; CashCo Pressure Side - Tank OXF122-PTW3	None	N/A	10/10/2019 10/10/2019	None	N/A		085-00048
PFS 29 - Tracy Pad	EQT Production Company	10/1/2018	12:05 PM	12:35 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	74 deg F, Clear, 2 mph	FLIR GFX 320	No	None	N/A	N/A	NA	N/A	N/A		103-00137
NMA 12 - Blake Pad	EQT Production Company	10/12/2018	10:10 AM	1:00 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	49 deg F, Partly Cloudy, 4 mph	FLIR GFX 320	No	3: Seal on Clean Out Door - NMA12-STT1; CashCo Pressure Side - NMA12-PTW2; CashCo Vacuum Side - NMA12-PTW3	None	N/A	10/12/2018 10/12/2018 10/12/2018	None	FLIR GFX 320		103-00128
PFS 27 - Martin Pad	EQT Production Company	11/1/2018	12:33 PM	12:35 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	deg F, , mph	N/A	Yes	N/A	None	N/A	N/A	N/A	N/A	Production Equipment Removed for Frac Ops - No equipment to survey	103-00101
BIG 360 Pad	EQT Production Company	11/6/2018	12:50 PM	2:00 PM	Everett Wright - Received operational training provided by Heath Consultants - OpGal Rep November 2016 Conducted Surveys since November 2016 OGI Certified by the Infrared Training Center (FLIR) March, 2018	70 deg F, Clear, 5 mph	OpGal EyeCGas TCG14090170	No	2: Enardo Pressure Side - Tank BIG360MST1; Cashco Pressure Side - BIG 360 PTC2	None	N/A	11/6/2018 11/6/2018	None	OpGal EyeCGas TCG14090170		103-00123
BIG 177 Pad	EQT Production Company	11/6/2018	9:40 AM	11:00 AM	Everett Wright - Received operational training provided by Heath Consultants - OpGal Rep November 2016 Conducted Surveys since November 2016 OGI Certified by the Infrared Training Center (FLIR) March, 2018	61 deg F, Overcast, 6 mph	OpGal EyeCGas TCG14090170	No	1: Weighted Lid on BIG177ST1	None	N/A	11/6/2018	None	OpGal EyeCGas TCG14090170		103-00113
OXF 155 Pad	EQT Production Company	11/12/2018	1:45 PM	3:00 PM	Everett Wright - Received operational training provided by Heath Consultants - OpGal Rep November 2016 Conducted Surveys since November 2016 OGI Certified by the Infrared Training Center (FLIR) March, 2018	41 deg F, Overcast, 1 mph	OpGal EyeCGas TCG14090170	No	None	N/A	N/A	N/A	N/A	N/A	-	017-00167
NMA 9 - Smith Pad - Wells 519134 519167 519168 Initial	EQT Production Company	12/3/2018	9:30 AM	10:50 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	43 deg F, Overcast, 5 mph	FLIR GFX 320	No	2: CashCo Vacuum Side - Tank NMA9-PTW4; CashCo Pressure Side - Tank NMA9-PTW3	None	N/A	12/3/2018 12/3/2018	None	FLIR GFX 320		103-00107
BIG 464 Pad	EQT Production Company	12/6/2018	9:50 AM	10:50 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	30 deg F, Overcast, 5 mph	FLIR GFX 320	No	None	N/A	N/A	N/A	N/A	N/A		103-00130
PFS 28 - Conley Pad	EQT Production Company	12/20/2018	9:55 AM	10:15 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	29 deg F, Overcast, 3 mph	FLIR GFX 320	Yes	N/A	None	N/A	N/A	None	N/A	The Well has been shut in since mid-2017 - No components to survey	103-00138

Collection of Fugitive Emissions Components at a Well Site

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HF 54 - N. Henderson Pad	EQT Production Company	1/2/2019	9:50 AM	11:00 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	42 deg F, Overcast, 3 mph	FLIR GFX 320	No	1: Pressure Gauge - Well 516124 GPU	None	N/A	1/2/2019	None	FLIR GFX 320		103-00110
SHR 60 - Well 514461 (well was re-frac'd)	EQT Production Company	1/10/2019	10:10 AM	11:30 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	22 deg F, Overcast, 6 mph	FLIR GFX 320	No	2: Enardo Pressure Side - SHR60 Sand Trap Tank; Lockdown Lid - SHR60 Sand Trap Tank	None	N/A	01/10/2019 01/10/2019	None	FLIR GFX 320		095-00068
PFS 27 - Martin Pad	EQT Production Company	1/22/2019	10:00 AM	11:45 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	15 deg F, Clear, 2 mph	FLIR GFX 320	No	3: 3" Vent Line Union - Tank PFS27 PTW1; 1" Fitting on Supply Gas - Well 519179 GPU; 1" Fitting on Supply Gas - Well 519178 GPU	None	N/A	01/22/2019 01/22/2019 01/22/2019	None	FLIR GFX 320		103-00103
RSM 118 Pad	EQT Production Company	2/4/2019	8:30 AM	10:30 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	32 deg F, Clear, 2 mph	FLIR GFX 320	No	2: Regulator on Supply Gas - Well 515746 GPU; Sand Probe - Well 515746 Sand Trap	None	N/A	02/04/2019 02/04/2019	None	FLIR GFX 320		091-00047
BIG 190 Pad	EQT Production Company	2/6/2019	9:45 AM	11:30 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	45 deg F, Overcast, 5 mph	FLIR GFX 320	No	3: Big Joe Regulator on Well 513924 GPU; Big Joe Regulator on Well 513930 GPU; Kimray Flow Control Valve on Burner - Well 513507 GPU	None	N/A	02/18/2019 02/18/2019 02/18/2019	None	FLIR GFX 320		103-00056
OXF 160 Pad	EQT Production Company	2/12/2019	10:30 AM	11:30 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	48 deg F, Overcast, 6 mph	FLIR GFX 320	No	None	N/A	N/A	N/A	N/A	N/A		017-00039
WEU 8 Pad	EQT Production Company	2/13/2019	8:00 AM	9:30 AM	Everett Wright - Received operational training provided by Heath Consultants - OpGal Rep November 2016 Conducted Surveys since November 2016 OGI Certified by the Infrared Training Center (FLIR) March, 2018	32 deg F, Overcast, 8 mph	OpGal EyeCGas TCG15080261	No	1: Plug In Regulator - Well 514119 GPU	None	N/A	2/13/2019	None	OpGal EyeCGas TCG15080261		017-00066
OXF 156 Pad	EQT Production Company	2/13/2019	10:00 AM	12:00 PM	Everett Wright - Received operational training provided by Heath Consultants - OpGal Rep November 2016 Conducted Surveys since November 2016 OGI Certified by the Infrared Training Center (FLIR) March, 2018	32 deg F, Overcast, 10 mph	OpGal EyeCGas TCG15080261	No	1: Pneumatic ESD Valve - Well 513140 GPU	None	N/A	2/13/2019	None	OpGal EyeCGas TCG15080261		017-00167
OXF 127 Pad	EQT Production Company	2/14/2019	10:30 AM	12:00 PM	Everett Wright - Received operational training provided by Heath Consultants - OpGal Rep November 2016 Conducted Surveys since November 2016 OGI Certified by the Infrared Training Center (FLIR) March, 2018	31 deg F, Overcast, 3 mph	FLIR GFX 320	No	1: Kimary Flow Control Valve on Burner - Well 512434 GPU	None	N/A	2/14/2019	None	FLIR GFX 320		017-00048
OXF 163 Pad	EQT Production Company	2/14/2019	1:50 PM	3:50 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	48 deg F, Overcast, 5 mph	FLIR GFX 320	No	2: Kimary Flow Control Valve on Burner - Well 513760 GPU Kimary Flow Control Valve on Burner - Well 513761 GPU	None	N/A	02/14/2019 02/14/2019	None	FLIR GFX 320		085-00053
GLO 76 Pad	EQT Production Company	3/4/2019	9:45 AM	11:40 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	24 deg F, Overcast, 5 mph	FLIR GFX 320	No	1: 1" Kimray Fuel Supply Valve for Burner - Well 515496 GPU	None	N/A	3/4/2019	None	N/A		049-00188

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Facility Name	Legal Entity	Survey Information														WV Facility ID #
		Date (b)(7)(i)	Beginning Time (b)(7)(ii)	End Time (b)(7)(iii)	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	
BIG 367 Pad	EQT Production Company	3/11/2019	9:10 AM	10:40 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	34 deg F, Clear, 6 mph	FLIR GFX 320	No	3: CashCo Vacuum Side - Tank 514566.001; CashCo Vacuum Side Tank 515644; Pressure Gauge - Well 515274 GPU	None	N/A	3/11/2019 3/11/2019 3/11/2019	None	FLIR GFX 320		103-00096
BIG 333 Pad	EQT Production Company	3/12/2019	9:00 AM	11:20 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	26 deg F, Clear, 4 mph	FLIR GFX 320	No	5: Big Joe Regulator on Well 514419 GPU; Snap Pilot on Liquid Level Controller - Well 514416 GPU; Weighted Lid on Tank 514424.001; Enardo Valve on Tank 514419.001; Enardo Valve on Tank 514418.001	None	N/A	3/12/2019 3/12/2019 3/12/2019 3/12/2019 3/12/2019	None	FLIR GFX 320		103-00073
BIG 192 Pad	EQT Production Company	3/12/2019	11:25 AM	1:00 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	28 deg F, Clear, 4 mph	FLIR GFX 320	No	1: Supply Regulator for Dumps on Well 513873 GPU	None	N/A	3/12/2019	None	FLIR GFX 320		103-00073
PFS 3 - Ball Pad	EQT Production Company	3/12/2019	1:45 PM	3:00 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	48 deg F, Clear, 4 mph	FLIR GFX 320	No	2: Enardo Valve (Pressure Side) on Tank 516120.001; Enardo Valve (Pressure Side) on Tank 516121.001	None	N/A	3/12/2019 3/12/2019	None	FLIR GFX 320		095-00021
SHR 60 Pad	EQT Production Company	3/13/2019	9:30 AM	10:50 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	32 deg F, Overcast, 4 mph	FLIR GFX 320	Yes	1: CashCo Pressure Side - Tank 514464.001	None	N/A	3/13/2019	None	FLIR GFX 320		095-00068
WEU 4 Pad	EQT Production Company	3/13/2019	11:15 AM	12:55 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	32 deg F, Overcast, 4 mph	FLIR GFX 320	Yes	1: CashCo Pressure Side - Tank 512891.001	None	N/A	3/13/2019	None	FLIR GFX 320		091-00046
WEU 2 Pad	EQT Production Company	3/13/2019	2:20 PM	3:40 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	52 deg F, Overcast, 3 mph	FLIR GFX 320	No	1: 1" Kimray Flow Control Valve - Well 515876 GPU	None	N/A	3/13/2019	None	FLIR GFX 320		017-00050
OXF 159 Pad	EQT Production Company	3/14/2019	8:25 AM	9:35 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	45 deg F, Overcast, 2 mph	FLIR GFX 320	No	1: 1" Kimray Flow Control Valve - Well 513700 GPU	None	N/A	3/14/2019	None	FLIR GFX 320		017-00152
PUL 96 Pad	EQT Production Company	3/15/2019	12:30 PM	1:30 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	62 deg F, Clear, 10 mph	FLIR GFX 320	No	None	N/A	N/A	NA	N/A	N/A		085-00056
OXF 43 Pad	EQT Production Company	3/18/2019	10:50 AM	12:10 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	32 deg F, Partly Cloudy, 3 mph	FLIR GFX 320	No	None	N/A	N/A	NA	N/A	N/A		017-00069
OXF 153 Pad	EQT Production Company	3/20/2019	8:20 AM	10:00 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	24 deg F, Partly Cloudy, 2 mph	FLIR GFX 320	No	2: CashCo Pressure Side - Tank 512497.001, Fittings on Norriseal Dump Controller - Well 516239 GPU	None	N/A	03/20/2019 03/20/2019	None	FLIR GFX 320		017-00053

Collection of Fugitive Emissions Components at a Well Site

§60.5420a(b)(7)

Facility Name	Legal Entity	Survey Information															WV Facility ID #
		Date (b)(7)(i)	Beginning Time (b)(7)(ii)	End Time (b)(7)(iii)	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	
PEN 54 Pad	EQT Production Company	3/20/2019	11:15 AM	1:25 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	42 deg F, Overcast, 3 mph	FLIR GFX 320	No	5: Stainless Supply Line - Well 514478 GPU; CashCo Pressure Side - Tank 514478.001; CashCo Vaccum Side - Tank 514479.001; CashCo Vaccum Side - Tank 515874.001; CashCo Vaccum Side - Tank 516206.001	None	N/A	03/20/2019 03/20/2019 03/20/2019 03/20/2019 03/20/2019	None	FLIR GFX 320		085-00058
PFS 29 - Tracy Pad	EQT Production Company	3/27/2019	9:25 AM	9:35 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	34 deg F, Clear, 2 mph	FLIR GFX 320	No	None	N/A	N/A	N/A	N/A	N/A		103-00137
NMA 13 - Erlewine Pad	EQT Production Company	3/27/2019	10:26 AM	10:30 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	37 deg F, Clear, 2 mph	FLIR GFX 320	Yes	NA: NA	None	N/A	N/A	None	N/A		103-00116
NMA 9 - Smith Pad	EQT Production Company	4/1/2019	9:20 AM	11:00 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	28 deg F, Clear, 3 mph	FLIR GFX 320	No	1: Enardo Pressure Side - NMA9ST1 Tank	None	N/A	4/1/2019	None	N/A		103-00107
NMA 12 - Blake Pad	EQT Production Company	4/1/2019	11:10 AM	12:10 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	30 deg F, Clear, 4 mph	FLIR GFX 320	No	None	N/A	N/A	NA	N/A	N/A		103-00128
OXF 122 Pad	EQT Production Company	4/10/2019	8:25 AM	9:40 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	36 deg F, Clear, 2 mph	FLIR GFX 320	No	1: CashCo Pressure Side - Tank OXF122-PEC1	None	N/A	4/10/2019	None	N/A		085-00048
BIG 360 Pad	EQT Production Company	5/8/2019	12:00 PM	1:00 PM	Everett Wright - Received operational training provided by Heath Consultants - OpGal Rep November 2016 Conducted Surveys since November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	80 deg F, Clear, 1.5 mph	OpGal EyeCGas TCG15080261	No	None	N/A	N/A	NA	N/A	N/A		103-00123
BIG 177 Pad	EQT Production Company	5/8/2019	1:30 PM	2:30 PM	Everett Wright - Received operational training provided by Heath Consultants - OpGal Rep November 2016 Conducted Surveys since November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	83 deg F, Clear, 2 mph	OpGal EyeCGas TCG15080261	No	1: Snap Pilot on Controller - Well 511407 GPU	None	N/A	5/8/2019	None	OpGal EyeCGas TCG15080261		103-00113
OXF 155 Pad	EQT Production Company	5/15/2019	10:40 AM	11:50 AM	Everett Wright - Received operational training provided by Heath Consultants - OpGal Rep November 2016 Conducted Surveys since November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	65 deg F, Clear, 7 mph	OpGal EyeCGas TCG15080261	No	None	N/A	N/A	NA	N/A	N/A		017-00167
PFS 28 - Conley Pad	EQT Production Company	6/3/2019	12:50 PM	1:40 PM	Everett Wright - Received operational training provided by Heath Consultants - OpGal Rep November 2016 Conducted Surveys since November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	69 deg F, Clear, 5 mph	OpGal EyeCGas TCG15080261	No	None	N/A	N/A	N/A	N/A	N/A		103-00138
BIG 464 Pad	EQT Production Company	6/6/2019	12:30 PM	2:00 PM	Everett Wright - Received operational training provided by Heath Consultants - OpGal Rep November 2016 Conducted Surveys since November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	74 deg F, Partly Cloudy, 4 mph	OpGal EyeCGas TCG15080261	No	1: Heater Supply Fitting - Well 519448 GPU	None	N/A	6/6/2019	None	N/A		103-00130

Collection of Fugitive Emissions Components at a Well Site

§60.5420a(b)(7)

Facility Name	Legal Entity	Survey Information														WV Facility ID #
		Date (b)(7)(i)	Beginning Time (b)(7)(ii)	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	
LIT 54 - N. Henderson Pad	EQT Production Company	7/1/2019	10:00 AM	11:25 AM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	70 deg F, Clear, 2 mph	FLIR GFX 320	No	1: Snap Pilot (water) well 516126 GPU	None	N/A	7/1/2019	None	FLIR GFX 320		103-00110
NMA 13 - Erlewine Pad	EQT Production Company	7/8/2019	10:00 AM	12:00 PM	Everett Wright - Received operational training provided by Heath Consultants - OpGal Rep November 2016 Conducted Surveys since November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	74 deg F, Cloudy, 4 mph	FLIR GFX 320	No	1: Solenoid on Control Valve	None	N/A	7/10/2019	None	FLIR GFX 320		103-00116
PFS 27 - Martin Pad	EQT Production Company	7/11/2019	10:25 AM	11:25 AM	Everett Wright - Received operational training provided by Heath Consultants - OpGal Rep November 2016 Conducted Surveys since November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	72 deg F, Cloudy, 2 mph	FLIR GFX 320	No	None	N/A	N/A	NA	N/A	N/A		103-00103
WEU 4 Pad - Initial inspection for well 512594, 516537, 516539, 516540, 516600. Remaining wells were inspected also.	EQT Production Company	7/2/2019	11:20 AM	1:00 PM	Kenny McWhirter - Surveyor since August, 2016 - on the job training Received operational training provided by Heath Consultants - OpGal Rep November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	86 deg F, Clear, 3 mph	FLIR GFX 320	No	3: CashCo Pressure Side - Tank 512890.001; CashCo Pressure Side - Tank 512893.001; CashCo Vacuum Side - Tank 512893.001	None	N/A	7/2/2019 7/2/2019 7/2/2019	None	N/A		091-00046
RSM 118 Pad	EQT Production Company	8/2/2019	8:25 AM	9:55 AM	Everett Wright - Received operational training provided by Heath Consultants - OpGal Rep November 2016 Conducted Surveys since November 2016 OGI CERTIFIED by the Infrared Training Center (FLIR) March, 2018	71 deg F, Clear, 3 mph	OpGal EyeCGas ECG15080261	No	None	N/A	N/A	NA	N/A	N/A		091-00047

1. No components at any facility are currently designated as DTM or UTM

2. Component repaired during initial survey was verified using same method.