

LT Environmental, Inc. LDAR Field Inspection Summary

Section 1: Site Information

Company Name:		RainTree Investments									
Company Contact:		Derek Williams			Phone Number:		303-267-6197				
Facility Name:		P&A'd Gas Well			County:		Arapahoe	State:	Colorado		
Permit Number: Not Applicable					Start of Inspection:		9:45 AM	End of Inspection:		9:56 AM	
Location:	Latitude:	39.5931796	Longitude:	-104.6633289	State:	CO		Section, Township, Range:			
Date of Inspection:			3/23/2018		Inspection Type:	<input checked="" type="checkbox"/> Initial	<input type="checkbox"/> Periodic	Applicable Regulation:	<input type="checkbox"/> OOOOa	<input type="checkbox"/> BLM	<input type="checkbox"/> State
Method used for initial inspection (i.e., Method 21, IR Camera, AVO):			FLIR GF320- Optical Gas Imaging Camera (IR camera)			Deviations?	<input checked="" type="checkbox"/> No, there were no deviations from the monitoring plan				<input type="checkbox"/> Yes, see Additional Comments
Name of person completing inspection:		Chad Terry, LT Environmental, Inc.			Experience and Training:		Field trained in OGI monitoring methods				

Section 2: Summary of Leaking Components

Summary of Leaking Components		
Component Type	# Leaks	# Tagged Leaks
Valves:	0	0
Connectors:	0	0
Flanges:	0	0
Pressure Regulators:	0	0
Pressure Relief Devices (PRD):	0	0
Thief Hatch	0	0
TOTAL	0	0

Daily Verification	Date	Time		
		3/23/2018	9:30 AM	
Weather Conditions	Cloud Cover	Temp. (°F)	Wind Dir.	Max Wind Speed (MPH)
FLIR Camera Verification	Source of VOC	Emissions Visible?	Max. Viewing Distance (ft.)	
	Coleman Propane (1lb.)	Y	25	
Recommendations for HSM	None			
Potential Interferences	None			

Section 3: Leaking Components Details

Monitoring and Repair of Leaking Components									
Component ID	Component Type and Location of Leaking Component	Monitoring Method Used	FLIR GF320 Video ID	FID (ppm)	Date of 1 st Repair Attempt	Date(s) of Additional Repair Attempts	Date(s) of Remonitoring	Result(s) of Remonitoring	Date of Successful Repair
	*No Leaks Observed								



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Section 4: Delay of Repair List

List of Components added to Delay of Repair List				
Component ID	Reason for Delay (detailed description)	Repair complete within 30 days of initial?	If infeasible, was repair completed within 2 years of inspection, well shut-in, well shutdown, or blowdown, whichever is earlier?	Date Delay No Longer Exists

Section 5: Unsafe, Difficult, or Inaccessible to Monitor

List of Components Identified as Unsafe, Difficult, or Inaccessible		
Component ID or Equipment Description	Component Type	Explanation Why Component Listed and Plan for Monitoring

Additional Comments:

No infrared camera evaluation can completely eliminate uncertainty regarding the presence or absence of gas leaks associated with a property. The findings of this survey only represent the conditions observed on the day of the inspection and may not be indicative of past or future conditions. Certain gas leaks are impossible to visually identify and only structural integrity testing and analysis can verify their presence. No subsurface screening or structural integrity testing for gas leaks was performed during this infrared camera evaluation.



