

**FORM  
INSP**Rev  
X/15**State of Colorado  
Oil and Gas Conservation Commission**1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109

Inspection Date:

05/10/2019

Submitted Date:

05/24/2019

Document Number:

698100002**FIELD INSPECTION FORM**Loc ID 323887 Inspector Name: Arauza, Steven On-Site Inspection ☐ 2A Doc Num: \_\_\_\_\_**Operator Information:**OGCC Operator Number: 10433Name of Operator: LARAMIE ENERGY LLCAddress: 1401 SEVENTEENTH STREET #1401City: DENVER State: CO Zip: 80202**Status Summary:**

- ☒ THIS IS A FOLLOW UP INSPECTION
- ☒ FOLLOW UP INSPECTION REQUIRED
- ☐ NO FOLLOW UP INSPECTION REQUIRED

**Findings:**15 Number of Comments9 Number of Corrective Actions☒ Corrective Action Response Requested**ANY CORRECTIVE ACTION(S) FROM  
PREVIOUS INSPECTIONS THAT HAVE NOT  
BEEN ADDRESSED ARE STILL APPLICABLE****Contact Information:**

Contact Name	Phone	Email	Comment
Pesicka, Conor		conor.pesicka@state.co.us	
Murray, Richard		g.richard.murray@state.co.us	
Fischer, Alex		alex.fischer@state.co.us	
Bankert, Wayne		wbankert@laramie-energy.com	
Heil, John		john.heil@state.co.us	
, Laramie		cogccnotifications@laramie-energy.com	<a href="#">All Inspections</a>

**Inspected Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
159281	UIC DISPOSAL	AC	06/05/2009	DSPW	-	CASADE CREEK 629-1	EI
417559	CENTRALIZED EP WASTE MGMT FAC	AC	06/02/2010		-	CENTRAL WATER HANDLING FACILITY 417559	EI

**General Comment:**

COGCC Environmental inspection of production facilities associated with Central Water Handling Facility and Cascade Creek 629-1. S. Arauza, J. Heil, and A. Fischer conducted initial field visit on 4/17/2019. Follow-up field inspection conducted by S. Arauza and J. Heil on 5/10/2019.

During 4/17/2019 field inspection, open excavations were observed at Cascade Creek #629-1 wellhead (API #045-06857) and at another location approximately 40' southwest of tank battery containing four (4) 1500 bbl produced water ASTs (central tank battery). Tears were observed in tank battery liners at another tank battery on west side of location (condensate tank battery) and a third tank battery (500 bbl AST tank battery) attached to NE end of central tank battery. Fluid staining was observed from rusted area of crude oil AST in condensate tank battery. Fluid-stained gravel was observed beneath access panel on 500 bbl produced water/condensate AST located NE of central tank battery. A fourth tank battery (truck loadout tank battery) located on the east side of the facility was also included in this inspection. See photos.

Operator was contacted via phone to notify them of fluid-stained crude oil AST and general housekeeping issues on April 17, 2019.

Prior to 5/10/2019 follow-up field inspection: both excavations had been backfilled, the condensate tank battery had been removed, and much of the trash that had been previously observed had been removed.

During 5/10/2019 field inspection: tank battery liner maintenance issues remained, fluid-stained gravel remained beneath access panel on 500 bbl produced water/condensate AST located NE of central tank battery. See photos.

**Location**Overall Good: ☐

Emergency Contact Number:

Comment:

Corrective Action:

Date: \_\_\_\_\_

**Good Housekeeping:**

Type	TRASH		
Comment:	Trash, debris, and wind-blown weeds observed throughout location on 4/17/2019 field visit and had been mostly removed prior to 5/10/2019. Operator shall continue to control trash on location, per Rule 603.f.		
Corrective Action:		Date:	
Type	UNUSED EQUIPMENT		
Comment:	Unused steel ASTs in NW corner of location have uncovered access panels. Several of the ASTs are labeled "Junk." See photos.		
Corrective Action:	Install access panel covers to prevent wildlife access. Comply with Rule 603.f.	Date:	08/24/2019

Overall Good: ☐**Spills:**

Type	Area	Volume		
PW/CO	Truck Loadout	<= 1 bbl		
Comment:	Localized accumulations of oil-stained soil on east side of truck loadout tank battery. See photos.			
Corrective Action:	Remove and properly dispose of oily waste, per Rule 907.e.			Date: 06/24/2019

In Containment: No

Comment: Truck ruts prevalent in oil-stained location on east side of truck loadout tank battery. The operator should consider installation of a concrete apron or liner system at the truck loadout.

☐ Multiple Spills and Releases?**Equipment:**

Type: Flow Line	# 2		corrective date
Comment:	Unmarked HDPE flowlines daylight ~70' NE of central tank battery. See photos.		
Corrective Action:	Lock Out/Tag Out unused flowlines within 24 hours of receipt of this report. Comply with Rule 603.f.		Date: 06/24/2019
Type: Flow Line	# 2		
Comment:	Two unused, unmarked steel flowline risers observed at Cascade Creek #629-1 wellhead on 5/10/2019 inspection date were neither Locked Out nor Tagged Out. See photos.		
Corrective Action:	Lock Out/Tag Out unused flowline risers within 24 hours of receipt of this report. Comply with Rule 603.f.		Date: 06/24/2019

**Tanks and Berms:**

Contents	#	Capacity	Type	Tank ID	SE GPS
OTHER	1	500 BBLS	STEEL AST		
Comment:	500 bbl steel AST located NE of central produced water tank battery. Fluid-stained gravel was observed beneath access panel on west side of steel AST on 4/17/2019 and 5/10/2019. See photos.				
Corrective Action:	Remove and properly dispose of oily waste, per Rule 907.e. Securely fasten all valves, pipes, and fittings to ensure good mechanical condition, inspect at regular intervals and maintain in good mechanical condition per Rule 605.d.				Date: 06/24/2019

Paint

Condition	
Other (Content)	produced water and condensate
Other (Capacity)	
Other (Type)	

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Other	Adequate	Walls Insufficient	Base Insufficient	Inadequate
Comment:	Tank battery liner not secured on NE side of battery, gaps between liner seams were observed on SW side (where liner comes into contact with central tank battery liner). See photos.			
Corrective Action:	Repair or install berms or other secondary containment devices per Rule 605.a.(4).			Date: 06/24/2019

Contents	#	Capacity	Type	Tank ID	SE GPS
OTHER	4	OTHER	STEEL AST		,
Comment:	Truck loadout tank battery consists of two 300 bbl produced water/condensate ASTs and two 400 bbl produced water ASTs inside of an unlined earthen berm. See photos.				
Corrective Action:					Date:

Paint

Condition	
Other (Content)	2 produced water, 2 produced water/condensate
Other (Capacity)	2x400 bbl, 2x300 bbl
Other (Type)	

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Earth	Adequate				
Comment:	Secondary containment consists of crates of unconsolidated rocky material inside of wire and canvas barriers, see photos.				
Corrective Action:	Repair or install berms or other secondary containment devices per Rule 605.a.(4).			Date: 06/24/2019	
Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	4	OTHER	STEEL AST		,
Comment:	Central tank battery consists of four 1500 bbl produced water ASTs inside of lined secondary containment. See photos.				
Corrective Action:					Date:

Paint

Condition	Adequate
Other (Content)	
Other (Capacity)	1500 bbls
Other (Type)	

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Other	Adequate	Walls Sufficient	Base Sufficient	Adequate
Comment:	No holes or tears were observed in visible portion of tank battery liner on either inspection date.			
Corrective Action:				
Corrective Action:				
Corrective Action:				

Venting:

Yes/No			
Comment:			
Corrective Action:		Date:	

**Flaring:**

Type		
Comment:		
Corrective Action:		Date:

Inspected Facilities									
Facility ID:	<u>159281</u>	Type:	<u>UIC</u>	API Number:	<u>-</u>	Status:	<u>AC</u>	Insp. Status:	<u>EI</u>
Facility ID:	<u>417559</u>	Type:	<u>CENTRALIZE</u>	API Number:	<u>-</u>	Status:	<u>AC</u>	Insp. Status:	<u>EI</u>

**Environmental****Waste Management:**

Type	Management	Condition	GPS (Lat)	(Long)
Used Oil	Other	Inadequate		
Comment:	Uncovered buckets of used oil stored inside of unlined truck loadout battery secondary containment (near filter pot). See photos.			
Corrective Action	Comply with Rule 907A for management of non-E&P waste.			Date: 06/24/2019

**Spill/Remediation:**

Comment:	Multiple holes and tears were observed in secondary containment liner for condensate AST tank battery that was located ~150' southwest of injection well. Fluid was observed to be weeping from a rusted area of one 400 bbl condensate ASTs in the former battery on 4/17/2019. Operator was notified of tank issue via phone on 4/17/2019 and the tank battery had been removed by operator prior to follow-up field visit on 5/10/2019. See photos.			
Corrective Action:	Submit documentation of tank battery abandonment to COGCC via eForm 27 Site Investigation and Remediation Workplan.			Date: 06/28/2019

Emission Control Burner (ECB): \_\_\_\_\_

Comment: \_\_\_\_\_

Pilot: \_\_\_\_\_ Wildlife Protection Devices (fired vessels): \_\_\_\_\_

**Attached Documents**You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
698100006	20190417 & 20190510 Field Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4832034">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4832034</a>