

**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:

04/22/2020

Submitted Date:

04/22/2020

Document Number:

697001095**FIELD INSPECTION FORM**Loc ID 443507 Inspector Name: Peterson, Tom On-Site Inspection ☐ 2A Doc Num: _____**Operator Information:**OGCC Operator Number: 10542Name of Operator: CUB CREEK ENERGYAddress: 200 PLAZA DRIVE SUITE 100City: HIGHLANDS State: CO Zip: 80129**Status Summary:**☐ THIS IS A FOLLOW UP INSPECTION☒ FOLLOW UP INSPECTION REQUIRED☐ NO FOLLOW UP INSPECTION REQUIRED**Findings:**29 Number of Comments6 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
Kraich, Adam		adam.kraich@state.co.us	
Baily, Scott		scott.baily@cub-creek.com	All Inspections
Rico, Trenton		trenton.rico@cub-creek.com	
Pesicka, Conor		conor.pesicka@state.co.us	
Morse, Jennifer		jennifer.morse@state.co.us	
Leonard, Mike		mike.leonard@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
443498	WELL	PR	06/01/2019	OW	123-42254	VAIL 5	SI
443499	WELL	PR	06/01/2019	OW	123-42255	VAIL 4	PR
443500	WELL	PR	11/01/2016	OW	123-42256	VAIL 1	PR
443502	WELL	PR	11/01/2016	OW	123-42257	VAIL 2	PR
443503	WELL	PR	11/01/2016	OW	123-42258	VAIL 6	PR
443504	WELL	PR	11/01/2016	OW	123-42259	VAIL 9	PR
443505	WELL	PR	11/01/2016	OW	123-42260	VAIL 8	PR
443506	WELL	PR	11/01/2016	OW	123-42261	VAIL 7	PR
443508	WELL	PR	11/01/2016	OW	123-42262	VAIL 3	PR

General Comment:

LocationOverall Good: ☒

Signs/Marker:			
Type	BATTERY		
Comment:			
Corrective Action:		Date:	
Type	OTHER		
Comment:	Lease road entrance		
Corrective Action:		Date:	
Type	CONTAINERS		
Comment:	Lube oil and chemical systems		
Corrective Action:		Date:	
Type	OTHER		
Comment:	VRT's lack all placards. See attached photo.		
Corrective Action:	Install sign to comply with Rule 210.d.	Date:	05/29/2020
Type	WELLHEAD		
Comment:	x 9		
Corrective Action:		Date:	

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Good Housekeeping:

Type	OTHER		
Comment:	Stained soil at wellheads and various areas around location. See attached photos.		
Corrective Action:	Properly dispose of oily waste in accordance with 907.e.	Date:	05/29/2020
Type	TRASH		
Comment:	Miscellaneous trash around location. See attached photos.		
Corrective Action:	Per document 02A #400779342, 604.c.(2)P. Trash Removal: All trash, debris and material not intrinsic to the operation of the oil and gas facility shall be removed and legally disposed of as applicable.	Date:	05/29/2020

Overall Good: ☐**Spills:**

Type	Area	Volume		
------	------	--------	--	--

In Containment: No

Comment:

☐ Multiple Spills and Releases?**Fencing/:**

Type	LOCATION		
Comment:	Chain link		

Corrective Action:		Date:	
Type	WELLHEAD		
Comment:	Panel		
Corrective Action:		Date:	

Equipment:			corrective date
Type: Emission Control Device	# 4		
Comment:			
Corrective Action:		Date:	
Type: Compressor	# 2		
Comment:			
Corrective Action:		Date:	
Type: Ancillary equipment	#		
Comment:	Automation array, solar array, ECD scrubbers, chemical systems, lube oil storage, genset, electrical systems		
Corrective Action:		Date:	
Type: Horizontal Heated Separator	# 9		
Comment:			
Corrective Action:		Date:	
Type: Vertical Separator	# 4		
Comment:			
Corrective Action:		Date:	
Type: Other	# 2		
Comment:	Lube oil tanks at compressors lack wildlife netting. See attached photo.		
Corrective Action:	Install or repair wildlife protection equipment.	Date:	05/29/2020
Type: Bird Protectors	# 14		
Comment:			
Corrective Action:		Date:	
Type: Plunger Lift	# 9		
Comment:			
Corrective Action:		Date:	
Type: LACT	# 1		
Comment:			
Corrective Action:		Date:	
Type: Bradenhead	# 9		
Comment:	Bradenhead valves are exposed at surface.		
Corrective Action:		Date:	
Type: Prime Mover	# 3		
Comment:	Natural gas engines on compressors and VRU		
Corrective Action:		Date:	
Type: Ancillary equipment	#		

Comment:	Methanol storage tank at compressors. Secondary containment is inadequate. Chemicals, wastes, equipment are not covered or stored in manner to minimize contact with precipitation or stormwater. See attached photo.			
Corrective Action:	Implement BMP following good engineering practices to minimize contact with stormwater and precipitation.		Date:	05/29/2020
Type: Prime Mover	# 2			
Comment:	Electric motors on LACT			
Corrective Action:			Date:	
Type: Gas Meter Run	# 4			
Comment:	Meter calibration cards are current.			
Corrective Action:			Date:	

Tanks and Berms:

Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	<50 BBLS	PBV FIBERGLASS		40.328860,-104.959110
Comment:	24 bbls at compressors				
Corrective Action:					Date:

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate	
Comment:					
Corrective Action:				Date:	
Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	1	<100 BBLS	PBV CONCRETE		,
Comment:	60 bbls				
Corrective Action:					Date:

Paint

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

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate	
Comment:					
Corrective Action:				Date:	
Contents	#	Capacity	Type	Tank ID	SE GPS

CONDENSATE	1	<50 BBLS	PBV FIBERGLASS		40.328850,-104.959280	
Comment: 5 bbls at VRU and ECD scrubbers						
Corrective Action:						Date:
<u>Paint</u>						
Condition	Adequate					
Other (Content)						
Other (Capacity)						
Other (Type)						
<u>Berms</u>						
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance		
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate		
Comment:						Date:
Corrective Action:						Date:
Contents	#	Capacity	Type	Tank ID	SE GPS	
PRODUCED WATER	3	400 BBLS	STEEL AST		,	
Comment:						Date:
Corrective Action:						Date:
<u>Paint</u>						
Condition	Adequate					
Other (Content)						
Other (Capacity)						
Other (Type)						
<u>Berms</u>						
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance		
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate		
Comment:						Date:
Corrective Action:						Date:
Contents	#	Capacity	Type	Tank ID	SE GPS	
CRUDE OIL	6	400 BBLS	STEEL AST		40.329150,-104.959090	
Comment:						Date:
Corrective Action:						Date:
<u>Paint</u>						
Condition	Adequate					
Other (Content)						
Other (Capacity)						
Other (Type)						
<u>Berms</u>						
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance		
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate		
Comment:						Date:

Corrective Action:		Date:	
Venting:			
Yes/No	YES		
Comment:	Venting from produced water tank blowdown valves and various separator burners. Company representative arrived while inspector was on location and closed valves. See attached FLIR videos.		
Corrective Action:	Comply with Rule 912.	Date:	05/29/2020
Flaring:			
Type			
Comment:			
Corrective Action:		Date:	

Inspected Facilities

Facility ID: 443498 Type: WELL API Number: 123-42254 Status: PR Insp. Status: SI

Idle Well

Purpose: ☒ Shut In ☐ Temporarily Abandoned Reminder: _____

Comment:

Corrective Action: Date:

Facility ID: 443499 Type: WELL API Number: 123-42255 Status: PR Insp. Status: PR

Producing Well

Comment: PR

Corrective Action: Date:

Facility ID: 443500 Type: WELL API Number: 123-42256 Status: PR Insp. Status: PR

Producing Well

Comment: PR

Corrective Action: Date:

Facility ID: 443502 Type: WELL API Number: 123-42257 Status: PR Insp. Status: PR

Producing Well

Comment: PR

Corrective Action: Date:

Facility ID: 443503 Type: WELL API Number: 123-42258 Status: PR Insp. Status: PR

Producing Well

Comment: PR

Corrective Action: Date:

Facility ID: 443504 Type: WELL API Number: 123-42259 Status: PR Insp. Status: PR

Producing Well

Comment: PR

Corrective Action: Date:

Facility ID: 443505 Type: WELL API Number: 123-42260 Status: PR Insp. Status: PR

Producing Well

Comment: PR

Corrective Action: Date:

Facility ID: 443506 Type: WELL API Number: 123-42261 Status: PR Insp. Status: PR

<u>Producing Well</u>			
Comment:	PR		
Corrective Action:		Date:	
Facility ID:	443508	Type:	WELL
API Number:	123-42262	Status:	PR
Insp. Status:	PR		
<u>Producing Well</u>			
Comment:	PR		
Corrective Action:		Date:	

Reclamation - Storm Water - Pit**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Gravel	Pass	Gravel	Pass			

Comment: Corrective Action: Date: **Pits:** ☐ NO SURFACE INDICATION OF PIT**COGCC Comments**

Comment	User	Date
<p>COGCC Inspection Report Summary On Wednesday 4/22/2020 at approximately 12:30 hours, I, Inspector Tom Peterson, conducted an on-site inspection at the Cub Creek Vail location #443507 in Weld County, Colorado.</p> <p>While there, I observed that the VRT's lacked all placards, miscellaneous trash around location, inadequate wildlife netting around lube oil storage tanks, inadequate chemical storage, venting from produced water tanks and separators, stained soil at various spots around location. During this inspection the following possible compliance issues were observed: Rule 210.d. with a corrective action date of 5/29/2020, Rule 603.f. with a corrective action date of 5/29/2020, Rule 604.c.(2) P with a corrective action date of 5/29/2020, Rule 907.e. with a corrective action date of 5/29/2020. Rule 912 with a corrective action date of 5/29/2020.</p> <p>A follow up on this site inspection needs to be conducted to ensure the compliance issues have been corrected to comply with COGCC rules.</p> <p>This is a summary of the inspection report.</p>	petersont	04/22/2020

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

Document Num	Description	URL
402378382	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5130037
697001096	Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5130023
697001097	FLIR Video	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5130024
697001098	FLIR Video	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5130025
697001099	FLIR Video	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5130026
697001100	FLIR Video	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5130027