

**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:  
02/03/2017  
Submitted Date:  
02/03/2017  
Document Number:  
680703643

**FIELD INSPECTION FORM**

Loc ID 443507 Inspector Name: Peterson, Tom On-Site Inspection  2A Doc Num: \_\_\_\_\_

**Status Summary:**

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

**Operator Information:**

OGCC Operator Number: 10542  
Name of Operator: CUB CREEK ENERGY  
Address: 200 PLAZA DRIVE SUITE 100  
City: HIGHLANDS State: CO Zip: 80129

**Findings:**

- 33 Number of Comments
- 1 Number of Corrective Actions
- Corrective Action Response Requested

**Contact Information:**

Contact Name	Phone	Email	Comment
Precup, Jim		james.precup@state.co.us	
Gardner, Bob		bob.gardner@cub-creek.com	
Hickey, Mike		mike.hickey@state.co.us	
Baily, Scott		scott.baily@cub-creek.com	
Burn, Diana		diana.burn@state.co.us	

**Inspected Facilities:**

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

**General Comment:**

Wells are currently being produced with gas sales line shut in for construction. Produced gas is being flared on location. See attached photo. Since the flaring or venting occurred after flowback without approval, contact the COGCC Area Engineer for next steps per Rule 912.b. within 24 hrs. Refer to the venting and flaring NTO for further details.

**Location**

Overall Good:

<b>Signs/Marker:</b>			
Type	OTHER		
Comment:	Lease road entrance		
Corrective Action:		Date:	
Type	WELLHEAD		
Comment:	x 9		
Corrective Action:		Date:	
Type	TANK LABELS/PLACARDS		
Comment:	Crude oil tanks lack capacity placarding, concrete vault adjacent to produced water vault lacks capacity placarding and produced water tanks lack all placarding.		
Corrective Action:	Install sign to comply with Rule 210.d.	Date:	04/07/2017
Type	CONTAINERS		
Comment:	Methanol system		
Corrective Action:		Date:	

Emergency Contact Number:

Comment:

Corrective Action:  Date: \_\_\_\_\_

Overall Good:

<b>Spills:</b>			
Type	Area	Volume	

In Containment: No

Comment:

Multiple Spills and Releases?

<b>Equipment:</b>			corrective date
Type: Horizontal Heated Separator	# 9		
Comment:	N40.32859 W-104.95897		
Corrective Action:		Date:	
Type: Other	# 10		
Comment:	Five 500 bbls skid mount flowback tanks and five flowback separators on SW edge of location.		
Corrective Action:		Date:	
Type: Flare	# 1		
Comment:			
Corrective Action:		Date:	
Type: Emission Control Device	# 4		
Comment:	N40.32879 W-104.95933		
Corrective Action:		Date:	
Type: Bird Protectors	# 13		

Comment:			
Corrective Action:		Date:	
Type: Compressor	# 3		
Comment:	N40.32875 W-104.95927		
Corrective Action:		Date:	
Type: Gas Meter Run	# 11		
Comment:	Two master meters and nine producer check meters		
Corrective Action:		Date:	
Type: Plunger Lift	# 9		
Comment:			
Corrective Action:		Date:	
Type: VRT	# 2		
Comment:	N40.32924 W-104.95930		
Corrective Action:		Date:	
Type: Ancillary equipment	# 11		
Comment:	Five ECD scrubbers, two control units, two gensets, one automation array and one solar array.		
Corrective Action:		Date:	
Type: Vertical Separator	# 2		
Comment:	N40.32866 W-104.95918		
Corrective Action:		Date:	

**Tanks and Berms:**

Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	1	OTHER	PBV CONCRETE		40.329210,-104.959210
Comment:	Unknown capacity				
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	3	400 BBLs	STEEL AST		40.329210,-104.959210
Comment:					
Corrective Action:					Date:

<b>Paint</b>	
Condition	Adequate
Other (Content)	
Other (Capacity)	
Other (Type)	

<b>Berms</b>				
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficent	Base Sufficent	Adequate
Comment:				
Corrective Action:				Date:

Contents	#	Capacity	Type	Tank ID	SE GPS
CRUDE OIL	6	400 BBLs	STEEL AST		40.329210,-104.959210
Comment:					
Corrective Action:					Date:

<b>Paint</b>	
Condition	Adequate
Other (Content)	
Other (Capacity)	
Other (Type)	

<b>Berms</b>				
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficent	Base Sufficent	Adequate
Comment:				
Corrective Action:				Date:

<b>Venting:</b>			
Yes/No	YES		
Comment:			
Corrective Action:			Date:

<b>Flaring:</b>	
Type	
Comment:	
Corrective Action:	Date:

<b>Inspected Facilities</b>			
Facility ID: <u>443498</u>	Type: <u>WELL</u>	API Number: <u>123-42254</u>	Status: <u>PR</u> Insp. Status: <u>PR</u>
<b>Producing Well</b>			
Comment: <u>PR</u>	Corrective Action: <input style="width: 100%;" type="text"/>		Date: <input style="width: 50%;" type="text"/>
<b>BradenHead</b>			
Comment: <u>Bradenhead valve is exposed at surface.</u>	Corrective Action: <input style="width: 100%;" type="text"/>		Date: <input style="width: 50%;" type="text"/>
Facility ID: <u>443499</u>	Type: <u>WELL</u>	API Number: <u>123-42255</u>	Status: <u>PR</u> Insp. Status: <u>PR</u>
<b>Producing Well</b>			
Comment: <u>PR</u>	Corrective Action: <input style="width: 100%;" type="text"/>		Date: <input style="width: 50%;" type="text"/>
<b>BradenHead</b>			
Comment: <u>Bradenhead valve is exposed at surface.</u>	Corrective Action: <input style="width: 100%;" type="text"/>		Date: <input style="width: 50%;" type="text"/>
Facility ID: <u>443500</u>	Type: <u>WELL</u>	API Number: <u>123-42256</u>	Status: <u>PR</u> Insp. Status: <u>PR</u>
<b>Producing Well</b>			
Comment: <u>PR</u>	Corrective Action: <input style="width: 100%;" type="text"/>		Date: <input style="width: 50%;" type="text"/>
<b>BradenHead</b>			
Comment: <u>Bradenhead valve is exposed at surface.</u>	Corrective Action: <input style="width: 100%;" type="text"/>		Date: <input style="width: 50%;" type="text"/>
Facility ID: <u>443502</u>	Type: <u>WELL</u>	API Number: <u>123-42257</u>	Status: <u>PR</u> Insp. Status: <u>PR</u>
<b>Producing Well</b>			
Comment: <u>PR</u>	Corrective Action: <input style="width: 100%;" type="text"/>		Date: <input style="width: 50%;" type="text"/>
<b>BradenHead</b>			
Comment: <u>Bradenhead valve is exposed at surface.</u>	Corrective Action: <input style="width: 100%;" type="text"/>		Date: <input style="width: 50%;" type="text"/>
Facility ID: <u>443503</u>	Type: <u>WELL</u>	API Number: <u>123-42258</u>	Status: <u>PR</u> Insp. Status: <u>PR</u>
<b>Producing Well</b>			
Comment: <u>PR</u>	Corrective Action: <input style="width: 100%;" type="text"/>		Date: <input style="width: 50%;" type="text"/>

<b>BradenHead</b>		
Comment:	<input type="text" value="Bradenhead valve is exposed at surface."/>	Date: _____
Corrective Action:	<input type="text"/>	

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

<b>Producing Well</b>		
Comment:	<input type="text" value="PR"/>	Date: _____
Corrective Action:	<input type="text"/>	

<b>BradenHead</b>		
Comment:	<input type="text" value="Bradenhead valve is exposed at surface."/>	Date: _____
Corrective Action:	<input type="text"/>	

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

<b>Producing Well</b>		
Comment:	<input type="text" value="PR"/>	Date: _____
Corrective Action:	<input type="text"/>	

<b>BradenHead</b>		
Comment:	<input type="text" value="Bradenhead valve is exposed at surface."/>	Date: _____
Corrective Action:	<input type="text"/>	

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

<b>Producing Well</b>		
Comment:	<input type="text" value="PR"/>	Date: _____
Corrective Action:	<input type="text"/>	

<b>BradenHead</b>		
Comment:	<input type="text" value="Bradenhead valve is exposed at surface."/>	Date: _____
Corrective Action:	<input type="text"/>	

Facility ID: 443508 Type: WELL API Number: 123-42262 Status: PR Insp. Status: PR

<b>Producing Well</b>		
Comment:	<input type="text" value="PR"/>	Date: _____
Corrective Action:	<input type="text"/>	

<b>BradenHead</b>		
Comment:	<input type="text" value="Bradenhead valve is exposed at surface."/>	Date: _____
Corrective Action:	<input type="text"/>	

**Environmental**

**Spill/Remediation:**

Comment:

Corrective Action:  Date:

Emission Control Burner (ECB): YES

Comment:

Pilot: ON Wildlife Protection Devices (fired vessels): YES

**Reclamation - Storm Water - Pit**

**Interim Reclamation:**

Date Interim Reclamation Started: \_\_\_\_\_ Date Interim Reclamation Completed: \_\_\_\_\_

Land Use: DRY LAND

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

**1002 SITE PREPARATION AND STABILIZATION**

1002a. FENCING \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1002b. SOIL REMOVAL AND SEGREGATION \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1002c. PROTECTION OF SOILS \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1002E. SURFACE DISTURBANCE MINIMIZATION \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1003a. Waste and Debris removed? In

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Unused or unneeded equipment onsite? In

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? Pass

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Guy line anchors marked? \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

1003b. Area no longer in use? \_\_\_\_\_ Production areas stabilized ? \_\_\_\_\_  
 1003c. Compacted areas have been cross ripped? \_\_\_\_\_  
 1003d. Drilling pit closed? \_\_\_\_\_ Subsidence over on drill pit? \_\_\_\_\_  
 Cuttings management: \_\_\_\_\_  
 1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? \_\_\_\_\_  
 Production areas have been stabilized? \_\_\_\_\_ Segregated soils have been replaced? \_\_\_\_\_

RESTORATION AND REVEGETATION

Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ Perennial forage re-established \_\_\_\_\_

Non-Cropland

Top soil replaced \_\_\_\_\_ Recontoured \_\_\_\_\_ 80% Revegetation \_\_\_\_\_

1003e. INTERIM VEGETATION TRANSECT  
 TRANSECT RESULTS OF DISTURBED AREA% \_\_\_\_\_  
 TRANSECT RESULTS OF REFERENCE AREA% \_\_\_\_\_  
 TOTAL % OF DESIRABLE VEGETATION COVER \_\_\_\_\_  
 VEGETATIVE COVER \_\_\_\_\_

1003 f. Weeds Noxious weeds? \_\_\_\_\_

Comment \_\_\_\_\_

Corrective Action \_\_\_\_\_

Date \_\_\_\_\_

Overall Interim Reclamation

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_ Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: DRY LAND \_\_\_\_\_

Reminder: \_\_\_\_\_

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

Well plugged \_\_\_\_\_ Pit mouse/rat holes, cellars backfilled \_\_\_\_\_

Debris removed \_\_\_\_\_ No disturbance /Location never built \_\_\_\_\_

Access Roads Regraded \_\_\_\_\_ Contoured \_\_\_\_\_ Culverts removed \_\_\_\_\_

Gravel removed \_\_\_\_\_

Location and associated production facilities reclaimed \_\_\_\_\_ Locations, facilities, roads, recontoured \_\_\_\_\_

Compaction alleviation \_\_\_\_\_ Dust and erosion control \_\_\_\_\_

Non cropland: Revegetated 80% \_\_\_\_\_ Cropland: perennial forage \_\_\_\_\_

Weeds present \_\_\_\_\_ Subsidence \_\_\_\_\_

1004.d. FINAL VEGETATION TRANSECT  
 TRANSECT RESULTS OF DISTURBED AREA% \_\_\_\_\_  
 TRANSECT RESULTS OF REFERENCE AREA% \_\_\_\_\_  
 TOTAL % OF DESIRABLE VEGETATION COVER \_\_\_\_\_  
 VEGETATIVE COVER \_\_\_\_\_

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

Corrective Action: \_\_\_\_\_

Date \_\_\_\_\_

Overall Final Reclamation \_\_\_\_\_ Well Release on Active Location  Multi-Well Location

**Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Gravel	In Process	Gravel	Pass	Self Inspection	Pass	

Comment:

Corrective Action:

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

**Pits:**     NO SURFACE INDICATION OF PIT

**Attached Documents**

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

Document Num	Description	URL
680703644	Flare	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4067988">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4067988</a>