

**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

Findings:
33 Number of Comments
1 Number of Corrective Actions
 Corrective Action Response Requested

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

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:

Signs/Marker:			
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:	
Type	OTHER		
Comment:	Lease road entrance		
Corrective Action:		Date:	

Emergency Contact Number:

Comment:

Corrective Action: Date:

Overall Good:

Spills:			
Type	Area	Volume	

In Containment: No

Comment:

Multiple Spills and Releases?

Equipment:			corrective date
Type: Flare	# 1		
Comment:			
Corrective Action:		Date:	
Type: Bird Protectors	# 13		
Comment:			
Corrective Action:		Date:	
Type: Gas Meter Run	# 11		
Comment:	Two master meters and nine producer check meters		
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		Date:
Corrective Action:		Date:
Type: VRT	# 2	
Comment: N40.32924 W-104.95930		Date:
Corrective Action:		Date:
Type: Plunger Lift	# 9	
Comment:		Date:
Corrective Action:		Date:
Type: Compressor	# 3	
Comment: N40.32875 W-104.95927		Date:
Corrective Action:		Date:
Type: Emission Control Device	# 4	
Comment: N40.32879 W-104.95933		Date:
Corrective Action:		Date:
Type: Other	# 10	
Comment: Five 500 bbls skid mount flowback tanks and five flowback separators on SW edge of location.		Date:
Corrective Action:		Date:
Type: Horizontal Heated Separator	# 9	
Comment: N40.32859 W-104.95897		Date:
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:		Date:			
Corrective Action:		Date:			
Contents	#	Capacity	Type	Tank ID	SE GPS
PRODUCED WATER	3	400 BBLs	STEEL AST		40.329210,-104.959210
Comment:		Date:			
Corrective Action:		Date:			

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

Berms				
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:

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

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

Venting:			
Yes/No	YES		
Comment:			
Corrective Action:			Date:

Flaring:	
Type	
Comment:	
Corrective Action:	Date:

Inspected Facilities			
Facility ID: <u>443498</u>	Type: <u>WELL</u>	API Number: <u>123-42254</u>	Status: <u>PR</u> Insp. Status: <u>PR</u>
Producing Well			
Comment: <u>PR</u>	Corrective Action: <input style="width: 90%;" type="text"/>		Date: <input style="width: 10%;" type="text"/>
BradenHead			
Comment: <u>Bradenhead valve is exposed at surface.</u>	Corrective Action: <input style="width: 90%;" type="text"/>		Date: <input style="width: 10%;" 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>
Producing Well			
Comment: <u>PR</u>	Corrective Action: <input style="width: 90%;" type="text"/>		Date: <input style="width: 10%;" type="text"/>
BradenHead			
Comment: <u>Bradenhead valve is exposed at surface.</u>	Corrective Action: <input style="width: 90%;" type="text"/>		Date: <input style="width: 10%;" 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>
Producing Well			
Comment: <u>PR</u>	Corrective Action: <input style="width: 90%;" type="text"/>		Date: <input style="width: 10%;" type="text"/>
BradenHead			
Comment: <u>Bradenhead valve is exposed at surface.</u>	Corrective Action: <input style="width: 90%;" type="text"/>		Date: <input style="width: 10%;" 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>
Producing Well			
Comment: <u>PR</u>	Corrective Action: <input style="width: 90%;" type="text"/>		Date: <input style="width: 10%;" type="text"/>
BradenHead			
Comment: <u>Bradenhead valve is exposed at surface.</u>	Corrective Action: <input style="width: 90%;" type="text"/>		Date: <input style="width: 10%;" 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>
Producing Well			
Comment: <u>PR</u>	Corrective Action: <input style="width: 90%;" type="text"/>		Date: <input style="width: 10%;" type="text"/>

BradenHead		
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

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

BradenHead		
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

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

BradenHead		
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

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

BradenHead		
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

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

BradenHead		
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
401202133	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4067990
680703644	Flare	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4067988