

**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:

09/27/2017

Submitted Date:

09/28/2017

Document Number:

682402827**FIELD INSPECTION FORM**

Loc ID 444164 Inspector Name: Binschus, Chris On-Site Inspection ☐ 2A Doc Num: _____

Operator Information:OGCC Operator Number: 10629Name of Operator: FIFTH CREEK ENERGY OPERATING COMPANY LLCAddress: 5251 DTC PKWY STE 420City: GREENWOOD State: CO Zip: 80111**Status Summary:**

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

Findings:4 Number of Comments2 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Smith, Sydney	(303) 970-4511	ssmith@fifthcreekenergy.com	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
444165	WELL	DG	05/01/2017	LO	123-42507	Critter Creek 562-1527H	RI
444166	WELL	DG	05/01/2017	LO	123-42508	Critter Creek 512-1510H	RI
450222	WELL	DG	05/17/2017		123-44711	Critter Creek 278-1527H	RI

General Comment:

This is a follow-up stormwater inspection to Field Inspection Report Document #682402085 .

LocationOverall Good: ☐

Emergency Contact Number:

Comment: Corrective Action: Date: **Good Housekeeping:**

Type	WEEDS		
Comment:	Weedy, annual Russian thistle (<i>Salsola tragus</i>) was observed throughout the entire topsoil stockpile. Operator needs to control and manage Russian thistle using the best available practices, as this is weed waste and will spread onto adjacent lands. At maturity, Russian thistle often breaks off at the soil line and tumble long distances with the wind, widely dispersing seed for several kilometers (Stallings et al. 1995). Seed remains viable 2-3 years (Larimer County 5th Edition Weed Management Reference Guide). Refer to the attached inspection photos for more detail.		
Corrective Action:	Comply with Rule 603.f. to control and manage weedy, annual vegetation to prevent weed waste and prevent spread of dispersing seeds onto adjacent lands.		Date: <u>10/12/2017</u>

Overall Good: ☐**Spills:**

Type	Area	Volume		
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In Containment: No

Comment: ☐ Multiple Spills and Releases?**Venting:**

Yes/No			
Comment:			
Corrective Action:		Date:	

Flaring:

Type		
Comment:		
Corrective Action:		Date:

Inspected Facilities									
Facility ID:	444165	Type:	WELL	API Number:	123-42507	Status:	DG	Insp. Status:	RI
Facility ID:	444166	Type:	WELL	API Number:	123-42508	Status:	DG	Insp. Status:	RI
Facility ID:	450222	Type:	WELL	API Number:	123-44711	Status:	DG	Insp. Status:	RI

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

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: RANGELAND

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 _____ Fail _____

Comment

The topsoil stockpile has significant weed cover- Russian thistle- with no perennial vegetation that would compete with the weedy vegetation and generally work to decrease weed growth. The Operator hydroseeded the topsoil stockpile per a recent conversation back in May 2017 but does not appear any perennial vegetation has established. The Operator also has consulted a seeding contractor about some of these issues.

Per Rule 1002.c., all stockpiles shall be protected from degradation due to contamination, compaction and, to the extent practicable, from wind and water erosion during drilling and production operations. Per Rule 1002, BMPs to prevent weed establishment and to maintain soil microbial activity shall be implemented.

Corrective Action

Seeding is a best management practice to prevent weed establishment. Seed the topsoil stockpiles during the next favorable seeding opportunity and no later than November 15, 2017.

Date **11/15/2017**

1002E. SURFACE DISTURBANCE MINIMIZATION _____

Comment _____

Corrective Action _____

Date _____

1003a. Waste and Debris removed? _____

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? _____

Comment _____

Corrective Action _____

Date _____

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

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 REVEGETATIONCropland

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: RANGELAND

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
Ditches	Fail					
Sediment Traps	Fail					
Waddles	Fail					

Comment: Appears stormwater control BMPs have been damaged due to pipeline disturbances along the southern perimeter of the location. Operator needs to coordinate with the pipeline companies to ensure the location is in compliance with Rule 1002.f. at all times at oil and gas locations. A follow-up inspection will occur in the near future to ensure the Operator has addressed this issue and ensure compliance with Rule 1002.f.

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
401416710	INSPECTION SUBMITTED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4262755
682402828	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4262611