

**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:

05/02/2017

Submitted Date:

05/08/2017

Document Number:

682402085**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:**8 Number of Comments1 Number of Corrective Actions☒ Corrective Action Response Requested**Contact Information:**

Contact Name	Phone	Email	Comment
Irwin, William	(720) 279-4570	birwin@fifthcreekenergy.com	
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	XX	11/30/2015	LO	123-42507	Critter Creek 562-1527H	CI
444166	WELL	XX	11/30/2015	LO	123-42508	Critter Creek 512-1510H	CI
444167	WELL	XX	11/30/2015	LO	123-42509	Critter Creek 563-1527H	CI
444168	WELL	XX	11/30/2015	LO	123-42510	Critter Creek 511-1510H	CI

**General Comment:**[This is a construction and stormwater inspection in response to Form 42- Notice of construction- Document #401259949.](#)

**Location Construction**

Location ID: 444164 CDP: \_\_\_\_\_

Comment: A disturbance area along the perimeter of the location of 15.67 acres was mapped on 5/2/2017 using a Trimble Juno 3B handheld device. It should be noted that the Approved 2A was permitted for a total of 14.64 acres.

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

**Form 2A COAs:**

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

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

**Wildlife BMPs:**

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

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

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

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

**On Site Inspection (305):**

Surface Owner Contact Information:

Name: \_\_\_\_\_ Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Operator Rep. Contact Information:

Landman Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Date Onsite Request Received: \_\_\_\_\_ Date of Rule 306 Consultation: \_\_\_\_\_

Request LGD Attendance: \_\_\_\_\_

LGD Contact Information:

Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Agreed to Attend: \_\_\_\_\_

Summary of Landowner Issues:

\_\_\_\_\_

Summary of Operator Response to Landowner Issues:

\_\_\_\_\_

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

\_\_\_\_\_

**Inspected Facilities**

Facility ID: <u>444165</u>	Type: <u>WELL</u>	API Number: <u>123-42507</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>444166</u>	Type: <u>WELL</u>	API Number: <u>123-42508</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>444167</u>	Type: <u>WELL</u>	API Number: <u>123-42509</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>
Facility ID: <u>444168</u>	Type: <u>WELL</u>	API Number: <u>123-42510</u>	Status: <u>XX</u>	Insp. Status: <u>CI</u>

**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

Pass

Comment

Topsoil salvaged and stored along the northern perimeter of the location.

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

Date \_\_\_\_\_

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

Comment

Topsoil has been temporarily stabilized with hydromulch for short-term stabilization. The Operator shall consider both short and long-term stabilization BMPs when stabilizing topsoil stockpiles.

Per Rule 1002, topsoil shall be stabilized and protected from degradation due to wind and water erosion. Per Rule 1002, BMPs to prevent weed establishment and to maintain soil microbial activity shall be implemented.

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

Date \_\_\_\_\_

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 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: 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
Berms	Fail					
Ditches	Pass					BMP maintenance may be required
Hydro Mulch	Pass					Topsoil stockpile

Comment: At the time of this inspection, stormwater and sediment control BMPs have been installed. A water truck was at location to mitigate fugitive dust from operations. However, it should be noted that the location does not have a stabilized outlet structure installed. Berm material used as a perimeter BMP does not appear to be sufficiently stabilized to prevent unconsolidated soil material from leaving location. In addition, sediment material from the location appears to be accumulating along portions off location along the southern perimeter due to wind erosion. BMPs should remain in place and in proper functioning condition until the location reaches final reclamation.

Corrective Action: 1) Provide construction calculations from the site specific stormwater plan demonstrating that the installed BMPs are sufficient to prevent sediment laden storm runoff from leaving location, or Install a stabilized outlet structure in accordance with good engineering practices per Rule 1002.f. 2) Stabilize berm material to prevent unconsolidated soil material from leaving the location. Both corrective actions are to be completed by June 5, 2017 or sooner, if possible.

Date: 06/05/2017

Pits: ☐ NO SURFACE INDICATION OF PIT

**COGCC Comments**

Comment	User	Date
Please refer to the attached inspection photos in Document #682402086.	binschusc	05/08/2017

**Attached Documents**

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

Document Num	Description	URL
682402086	Inspection Photos	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4142008">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4142008</a>