

FORM
INSPRev
X/20State of Colorado
Oil and Gas Conservation Commission1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109

Inspection Date:

06/05/2021

Submitted Date:

06/10/2021

Document Number:

688310627

FIELD INSPECTION FORM

 Loc ID 465461 Inspector Name: Sherman, Susan 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: 10633
 Name of Operator: CRESTONE PEAK RESOURCES OPERATING LLC
 Address: 1801 CALIFORNIA STREET #2500
 City: DENVER State: CO Zip: 80202
Findings:

- 7 Number of Comments
- 2 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
Gardner, John		john.gardner@crestonepr.com	
Gomez, Jason		jason.gomez@state.co.us	
Chesson, Robert		robert.chesson@state.co.us	
Quint, Craig		craig.quint@state.co.us	
Crestone Peak	303-268-3703	cogcc.inspections@crestonepr.com	Watkins Office Phone #
Kraich, Adam		adam.kraich@state.co.us	
Leonard, Mike		mike.leonard@state.co.us	
Pesicka, Conor		conor.pesicka@state.co.us	

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
465466	WELL	DG	03/07/2021		005-07453	STATE MASSIVE 5-65 2-3 1CH	DG

General Comment:Frac Fire/Incident Inspection

Inspector was contacted at ~1420 pm on 6/5/2021 by COGCC Weld County Supervisor about the report of a fire at the Crestone State Massive frac location. Arapahoe County was contacted at ~1347 pm on 6/5/2021. Inspector was staged at Watkins Road and Jewell by an Arapahoe County Deputy ~3 miles from location. A command post location was set up at the entrance to the pasture of location just west of Watkins Road (1 mile from location). Inspector appraised COGCC Weld County and her Supervisor of updates received from the Arapahoe Deputy. A one mile evacuation radius from the well was implemented and, for a short time, a 3 mile radius evacuation was implemented. No one was injured but frac fluids were released from containers and equipment was damaged. On 6/6/2021, COGCC representatives met with Arapahoe County EMS personnel on location. The POI was being investigated by Arapahoe County EMS and there was limited access to the location. COGCC personnel flew a drone over the location including the area below the retention pond. It was determined that water was leaving location from the southern retention pond and operator installed a stormwater BMP outside of the fenced location. An unnamed drainage (~350' from location fence) and Coal Creek (2000' from location fence) are downgradient of the location. Sediment was also transported off location and mechanical conditions are required to be tested prior to start of operations at the location. Operator assisted Arapahoe EMS on 6/7/2021 for further location investigations and operator was cleaning up location on 6/8/2021. Operator is to verify that all appropriate COGCC Forms are submitted, if required. See COGCC EPS inspection #696900162 for further information.

Location

Overall Good:

Signs/Marker:

Type	OTHER		
Comment:	location sign at gate		
Corrective Action:		Date:	

Emergency Contact Number:

Comment:			
Corrective Action:		Date:	_____

Good Housekeeping:

Type	OTHER		
Comment:	Operator should design and implement processes to protect equipment from future incidents and contact COGCC as soon as soon as practicable, but no more than 6 hours after the safety event.		
Corrective Action:	Securely fasten all valves, pipes, fittings, and Production Facilities to ensure good mechanical condition, inspect at regular intervals and maintain in good mechanical condition per Rule 608.e.	Date:	07/02/2021

Overall Good:

Spills:

Type	Area	Volume			

In Containment: No

Comment:

Multiple Spills and Releases?

Equipment:

				corrective date
Type: Other	# 16			
Comment:	16 pump trucks for frac, 10 diesel, 6 CNG. Operator determined that 3 had been on fire.			
Corrective Action:		Date:		

Venting:

Yes/No			
Comment:			
Corrective Action:		Date:	

Flaring:

Type			
Comment:			
Corrective Action:		Date:	

Inspected Facilities

Facility ID: 465466 Type: WELL API Number: 005-07453 Status: DG Insp. Status: DG

Well Stimulation

Stimulation Company: Liberty Stimulation Type: OTHER
Other: slick water

Observation:

Maximum Casing Recorded: _____ PSI Tubing: _____
Surface: _____ Intermediate: _____
Production: _____ Instantaneous Shut-In Pressure (ISIP) _____
Bradenhead Psi: _____ Frac Flow Back: Fluid: _____ Gas: _____

Comment: Liberty was fracking at time of incident. Pioneer wireline also on location at time of incident.

Corrective Action: _____ Date: _____

Completion

Operation: _____
Date Flowback: _____
Contractor: _____
Comment: _____
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
Retention Ponds	Fail					
Ditches	Fail					

Comment: [Water and sediment from location were transported off location south of retention pond and on the SE side of location\(see attached photos and drone photo is available\). GPS at fence is 39.6463, -104.623, Elevation 5754'. GPS at end of water transport in photo is 39.646, -104.623, elevation 5725'. Approximately 400-500' of water on ground surface past the location's fence line.](#)

Corrective Action: [Install or repair required BMPs per Rule 1002.f\(2\)C.](#)

Date: 06/14/2021

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
688310628	Crestone Peak State Massive Frac Fire	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5452821