

**FORM INSP**

Rev 05/11

**State of Colorado  
Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Inspection Date:  
04/16/2014

Document Number:  
667400379

Overall Inspection:  
**Unsatisfactory**

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>433692</u>	<u>433692</u>	<u>ALLISON, RICK</u>	<input type="checkbox"/>	

**Operator Information:**

OGCC Operator Number: \_\_\_\_\_

Name of Operator: SUNDANCE ENERGY INC

Address: 633 17TH STREET #1950

City: DENVER State: CO Zip: 80202

- THIS IS A FOLLOW UP INSPECTION
- FOLLOW UP INSPECTION REQUIRED
- NO FOLLOW UP INSPECTION REQUIRED
- INSPECTOR REQUESTS FORM 42 WHEN CORRECTIVE ACTIONS ARE COMPLETED

**Contact Information:**

Contact Name	Phone	Email	Comment
Thulin, Kevin	303-543-5702	kthulin@sundanceenergy.net	Sundance Energy
CANFIELD, CHRIS		chris.canfield@state.co.us	COGCC Environmental Specialist - SW Weld
AXELSON, JOHN		john.axelson@state.co.us	COGCC Environmental Supervisor - East

**Compliance Summary:**

QtrQtr: SWSE Sec: 23 Twp: 2N Range: 68W

**Inspector Comment:**

COGCC Environmental Staff inspection in response to accident resulting in a fire at this location. The Operator is directed to submit a Form 19 Spill Report to document the release of condensate and workover fluids from the open top tank. Operator shall also submit followup documentation of the spill cleanup including: 1. A Map of the release area; 2. Confirmation soil sample results documenting compliance with Table 910-1 Concentration Levels for any soil that remains on the location; 3. Analyze the soil samples for BTEXN, TPH-GRO,TPH-DRO, SAR, ec and pH ;4. Include a map of soil sample locations; 5. Include waste disposal documentation for any E&P Waste transported offsite as a result of this release

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
433690	WELL	DG	08/15/2013	LO	123-37749	Grant Brothers 23-2Ae	EI	<input checked="" type="checkbox"/>
433704	WELL	WO	08/19/2013	LO	123-37752	Grant Brothers 23-54	EI	<input checked="" type="checkbox"/>
433707	WELL	DG	08/10/2013	LO	123-37753	Grant Brothers 23-43	EI	<input checked="" type="checkbox"/>
433708	WELL	DG	08/10/2013	LO	123-37754	Grant Brothers 23-4Ae	EI	<input checked="" type="checkbox"/>

**Equipment:**

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>4</u>	Production Pits: _____
Condensate Tanks: <u>3</u>	Water Tanks: <u>1</u>	Separators: <u>2</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: <u>1</u>	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: <u>1</u>	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

**Location**

Emergency Contact Number: (S/U/V)

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

Comment:

Corrective Action:

<b>Spills:</b>				
Type	Area	Volume	Corrective action	CA Date
<input type="checkbox"/> Multiple Spills and Releases?				

<b>Venting:</b>	
Yes/No	Comment

<b>Flaring:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

**Predrill**

Location ID: 433692

**Site Preparation:**  
 Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

**S/UV:** \_\_\_\_\_  
 Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:**  
**S/UV:** \_\_\_\_\_ **Comment:**   
**CA:**  **Date:** \_\_\_\_\_

<b>Wildlife BMPs:</b>	
BMP Type	Comment
Traffic control	1. Temporary access road at south end of location to minimize traffic impacts to nearby subdivision 2. Sundance has agreed to control drilling and completion traffic to minimize subdivision access problems and noise A.) No truck traffic allowed from 10pm to 6am unless emergency situation occurs B.) No hauling to/from site during before and after school times (7am-8:30am & 2pm-3:30pm Monday through Friday) C.) Sundance will provide site/traffic control supervisor (site guard 6am-10pm) D.) Will make best efforts to haul oil & water only during daylight hours E.) Sundance agrees to a hauling route with the Town for all drilling and completion traffic
Noise mitigation	1. 12-16' high sound barrier (hay bales) on W/N/E sides of the drilling location 2. Will run sound survey to confirm noise level at or below decibel levels in Rule 802 3. Will apply further noise reduction measures as necessary (motor blankets, etc.)
Planning	1. Sundance agrees to use all & best efforts to drill all 4 wells before August 15th or 16th (start of the school year) 2. Create & follow a landscaping plan to screen production/operations site for neighborhood - agree to specifications with Town and closest homeowners at neighborhood meeting 7/9/2013.
Drilling/Completion Operations	1. Site guard on site from 6am-10pm daily while drilling and completion operations take place 2. Drilling location fenced in 4' safety fence on W/N/E sides to block access 3. Pedestrian traffic supervision on existing walking path around W/N/E sides of location

**S/UV:** \_\_\_\_\_ **Comment:**   
**CA:**  **Date:** \_\_\_\_\_

**Stormwater:**  
**Comment:** \_\_\_\_\_

**Staking:**

**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:

\_\_\_\_\_

Facility									
Facility ID:	433690	Type:	WELL	API Number:	123-37749	Status:	DG	Insp. Status:	EI
Facility ID:	433704	Type:	WELL	API Number:	123-37752	Status:	WO	Insp. Status:	EI
Facility ID:	433707	Type:	WELL	API Number:	123-37753	Status:	DG	Insp. Status:	EI
Facility ID:	433708	Type:	WELL	API Number:	123-37754	Status:	DG	Insp. Status:	EI

**Environmental**

**Spills/Releases:**

Type of Spill: CONDENSATE Description: \_\_\_\_\_ Estimated Spill Volume: \_\_\_\_\_

Comment: Condensate and workover fluids from open top flat tank were pushed out of the tank by fire suppression materials resulting in a spill to the surface. Main spill area is ~75' x 45' near the 23-43 wellhead. The spill continued to flow from the main spill area southwest toward the production tanks and was stopped by the silt fence ditch. The spill also flowed northwest into the northwest corner of the pad. It does not appear the surface spill migrated off location. A vac truck and roustabout crew were scheduled to arrive onsite the same day to remove standing fluids and impacted soil.

Corrective Action: Remove standing fluids and impacted soil; Submit a Form 19 documenting the spill Date: 04/26/2014

Reportable: YES GPS: Lat \_\_\_\_\_ Long \_\_\_\_\_

Proximity to Surface Water: 300 Depth to Ground Water: \_\_\_\_\_

**Water Well:**

DWR Receipt Num: \_\_\_\_\_ Owner Name: \_\_\_\_\_ GPS: \_\_\_\_\_ Lat \_\_\_\_\_ Long \_\_\_\_\_

**Field Parameters:**

Sample Location: \_\_\_\_\_

<b>Complaint:</b>				
Tracking Num	Category	Assigned To	Description	Incident Date
200386358	NOISE	PRECUP, JIM	Complains of noise issues being intolerable	08/26/2013
200386358	ODOR	PRECUP, JIM	Complainant complained of odor and noise issues	08/26/2013

Emission Control Burner (ECB): \_\_\_\_\_  
 Comment: \_\_\_\_\_  
 Pilot: \_\_\_\_\_ Wildlife Protection Devices (fired vessels): \_\_\_\_\_

**Reclamation - Storm Water - Pit**

**Interim Reclamation:**

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

Land Use: RESIDENTIAL

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

1003a. Debris removed? \_\_\_\_\_ CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Waste Material Onsite? \_\_\_\_\_ CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Unused or unneeded equipment onsite? \_\_\_\_\_ CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Pit, cellars, rat holes and other bores closed? \_\_\_\_\_ CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

Guy line anchors removed? \_\_\_\_\_ CM \_\_\_\_\_

CA \_\_\_\_\_ CA Date \_\_\_\_\_

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

CA \_\_\_\_\_ CA 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 \_\_\_\_\_

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

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

Overall Interim Reclamation \_\_\_\_\_

**Final Reclamation/ Abandoned Location:**

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

Final Land Use: RESIDENTIAL

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 \_\_\_\_\_

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

S/U/V: \_\_\_\_\_ Corrective Date: \_\_\_\_\_

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

CA: \_\_\_\_\_

**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
667400381	Spill area viewed from south edge of location	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3322249">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3322249</a>
667400382	Spill area viewed from NW corner of location	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3322250">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3322250</a>