

Inspector Name: ALLISON, RICK

**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



DE	ET	OE	ES
----	----	----	----

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:
	433692	433692	ALLISON, RICK	<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: 4	Production Pits: _____
Condensate Tanks: 3	Water Tanks: 1	Separators: 2	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: 1	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: 1	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location

Emergency Contact Number: (S/U/V) _____

Corrective Date: _____

Inspector Name: ALLISON, RICK

Comment: _____

Corrective Action: _____

Spills:

Type	Area	Volume	Corrective action	CA Date
------	------	--------	-------------------	---------

☐ Multiple Spills and Releases?

Venting:

Yes/No	Comment
--------	---------

Flaring:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
------	-----------------------------	---------	-------------------	---------

Predrill

Location ID: 433692

Site Preparation:

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____

S/U/V: _____

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

S/U/V: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

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/U/V: _____ **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:

Lat _____ Long _____

DWR Receipt Num: _____ Owner Name: _____ GPS: _____

Field Parameters:

Sample Location: _____

Complaint:				
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 REVEGETATIONCropland

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:

Inspector Name: ALLISON, RICK

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	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3322249
667400382	Spill area viewed from NW corner of location	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3322250