

**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:

01/18/2018

Submitted Date:

01/18/2018

Document Number:

674200425**FIELD INSPECTION FORM**

Loc ID 449441	Inspector Name: Gomez, Jason	On-Site Inspection <input type="checkbox"/>	2A Doc Num: _____
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**Operator Information:**

OGCC Operator Number: 10459

Name of Operator: EXTRACTION OIL & GAS INC

Address: 370 17TH STREET SUITE 5300

City: DENVER State: CO Zip: 80202

**Status Summary:**

☐ THIS IS A FOLLOW UP INSPECTION

☐ FOLLOW UP INSPECTION REQUIRED

☐ NO FOLLOW UP INSPECTION REQUIRED

**Findings:**

3 Number of Comments

2 Number of Corrective Actions

☒ Corrective Action Response Requested

Contact Information:			
Contact Name	Phone	Email	Comment
Adamczyk, Megan		megan.adamczyk@state.co.us	
Burn, Diana		diana.burn@state.co.us	
,		COGCCInspections@extracti onog.com	

Inspected Facilities:							
Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
449437	WELL	DG	03/22/2017		123-44307	Windsor LV2 2	PR
449438	WELL	DG	03/23/2017		123-44308	Windsor LV2 4	PR
449439	WELL	DG	03/24/2017		123-44309	Windsor LV2 5	PR
449440	WELL	DG	03/25/2017		123-44310	Windsor LV2 7	PR
449442	WELL	DG	03/21/2017		123-44311	Windsor LV2 1	PR
449443	WELL	DG	03/23/2017		123-44312	Windsor LV2 3	PR
449444	WELL	DG	03/24/2017		123-44313	Windsor LV2 6	PR
449445	WELL	DG	03/25/2017		123-44314	Windsor LV2 8	PR

**General Comment:**

**Location**Overall Good: ☒

Emergency Contact Number:

Comment:

Corrective Action:

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

Overall Good: ☒**Spills:**

Type	Area	Volume		
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In Containment: No

Comment:

☐ Multiple Spills and Releases?**Fencing/:**

Type	LOCATION		
Comment:	Approx 43' sound walls on south end of location in the ptocess of removing west walls		
Corrective Action:		Date:	

**Venting:**

Yes/No	NO		
Comment:			
Corrective Action:		Date:	

**Flaring:**

Type	Field Flare		
Comment:	1 Large Volume AWI enclosed flares observed in operation on location appeared to be causing vibration and c-scale noise.		
Corrective Action:	Install walls to mitigate nosie from ECD and set up sound study to monitior noise from ECD	Date:	01/20/2018

**Inspected Facilities**

Facility ID: <u>449437</u>	Type: <u>WELL</u>	API Number: <u>123-44307</u>	Status: <u>DG</u>	Insp. Status: <u>PR</u>
Facility ID: <u>449438</u>	Type: <u>WELL</u>	API Number: <u>123-44308</u>	Status: <u>DG</u>	Insp. Status: <u>PR</u>
Facility ID: <u>449439</u>	Type: <u>WELL</u>	API Number: <u>123-44309</u>	Status: <u>DG</u>	Insp. Status: <u>PR</u>
Facility ID: <u>449440</u>	Type: <u>WELL</u>	API Number: <u>123-44310</u>	Status: <u>DG</u>	Insp. Status: <u>PR</u>
Facility ID: <u>449442</u>	Type: <u>WELL</u>	API Number: <u>123-44311</u>	Status: <u>DG</u>	Insp. Status: <u>PR</u>
Facility ID: <u>449443</u>	Type: <u>WELL</u>	API Number: <u>123-44312</u>	Status: <u>DG</u>	Insp. Status: <u>PR</u>
Facility ID: <u>449444</u>	Type: <u>WELL</u>	API Number: <u>123-44313</u>	Status: <u>DG</u>	Insp. Status: <u>PR</u>
Facility ID: <u>449445</u>	Type: <u>WELL</u>	API Number: <u>123-44314</u>	Status: <u>DG</u>	Insp. Status: <u>PR</u>

**Complaint**

Comment: [Complaint #: 200445338-200445336-200445333-200445334-200445326-200445331-200445332-200445325-200445324-200445323-200445322-200445321-200445320-200445319-200445318-200445317-200445316-200445315-200445313](#)

Field Inspector Assigned: Jason E. Gomez

Complaint Received:

Date: 1-17-2018 Time 1130 Hrs

Contacted by Inspector:

Date: 1-17-2018 Time 1300 to 1700 Hrs

Well Number#: Location #: 440176

Inspection Document #: 674200423

Nature of complaint: Noise

Field Inspector Actions:

On 1-17-2018, I was contacted by James Precup NE supervisor of the COGCC in reference to several complaints of noise coming from an unknown location near residence homes in East Windsor, and south Severance.

On 1-17-2018 I made contact with the complainants in the area who indicated they were experiencing noise and vibration coming from somewhere in the area. The complainants thought the noise was coming from one of the Extraction wells in the area.

I conducted inspections of the Extraction Windsor LV2 pad and the Windsor Stromberger pads see inspection Doc# 674200424 and inspection Doc#674200425 for details of the inspections. I observed Extraction operating a large volume AWI ECD at the Windsor LV2 pad, which appeared to be causing vibrations on location. I also observed Extraction was in the process of removing the 32' sound walls on location. I spoke with the Extraction supervisor on location who indicated they were using the large volume ECD to burn the excess gas coming from the wells. I also performed an inspection of the Stromberger location where I observed 2 large volume AWI ECD on location which also appeared to be causing vibrations on location. I again spoke to the Extraction supervisor on location and he indicated the large volume ECD were being used to burn excess gas coming from the wells on location, I advised both supervisors to adjust the ECD in an attempt to mitigate the noise coming from the locations.

I also performed a sound study at the residence of Darcy Whitlock at 469 Sundance Drive in Windsor which showed elevated C-Scale noise levels. I attached this study to inspection Doc#672400424 as the noise appeared to be coming from the Stromberger location.

All information reviewed and site inspection information were submitted to the COGCC for further review.

Corrective Action: [Install walls to mitigate noise from ECD and set up sound study to monitor noise from ECD](#)

Date: [01/20/2018](#)

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

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

Land Use: IRRIGATED

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 \_\_\_\_\_

Comment \_\_\_\_\_

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: IRRIGATED \_\_\_\_\_

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
Compaction	Pass	Gravel	Pass			
Gravel	Pass					
Ditches	Pass	Compaction	Pass	Vehicle Tracking	Pass	

Comment: 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
674200428	AWI Enclosed ECD	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4355177">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=4355177</a>