

**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
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Inspection Date:  
01/16/2015

Document Number:  
674102005

Overall Inspection:

**ACTION REQUIRED**

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>434315</u>	<u>434314</u>	<u>Rickard, Jeff</u>	<input type="checkbox"/>	

**Operator Information:**

OGCC Operator Number: 100185

Name of Operator: ENCANA OIL & GAS (USA) INC

Address: 370 17TH ST STE 1700

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
Leonard, Mike		mike.leonard@state.co.us	
,		cogcc.djinspections@encana.com	Group email
Kulmann, Dave		dave.kulmann@state.co.us	

**Compliance Summary:**

QtrQtr: SWNE Sec: 14 Twp: 2N Range: 68W

**Inspector Comment:**

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
434312	WELL	DG	07/22/2014	LO	123-38088	Grant Hurt 1A-14H G268	DG	<input type="checkbox"/>
434313	WELL	DG	07/21/2014	LO	123-38089	Grant Hurt 1B-14H G268	DG	<input type="checkbox"/>
434315	WELL	DG	07/20/2014	LO	123-38090	Grant Hurt 1D-14H G268	WK	<input checked="" type="checkbox"/>
434316	WELL	DG	07/21/2014	LO	123-38091	Grant Hurt 1C-14H G268	DG	<input type="checkbox"/>
434317	WELL	DG	07/20/2014	LO	123-38092	Grant Hurt 1E-14H G268	DG	<input type="checkbox"/>
434318	WELL	DG	07/18/2014	LO	123-38093	Grant Hurt 1H-14H G268	DG	<input type="checkbox"/>
434319	WELL	DG	07/19/2014	LO	123-38094	Grant Hurt 1G-14H G268	DG	<input type="checkbox"/>
434380	WELL	DG	07/19/2014	LO	123-38131	Grant Hurt 1F-14H G268	DG	<input type="checkbox"/>

**Equipment:**

Location Inventory

Inspector Name: Rickard, Jeff

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>8</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>8</u>	Separators: <u>8</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: <u>14</u>	Oil Tanks: <u>20</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

**Location**

Emergency Contact Number (S/A/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/Action Required	Comment	Corrective Action	CA Date

**Predrill**

Location ID: 434315

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

**S/A/V:** \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

Group	User	Comment	Date
OGLA	youngr	The tank battery shall be constructed using a liner.	08/12/2013

**S/A/V:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Wildlife BMPs:**

**S/A/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: 434315 Type: WELL API Number: 123-38090 Status: DG Insp. Status: WK

**Complaint**

Comment: **Complaint DOC# 200421745. Complainant is hearing/feeling vibrations that is keeping them up at night. OGCC inspector went to location and talked to Encana rep. Pumps were down at time of site visit for repairs. OGCC inspector left location with the understanding that the company rep would call when pumping began. At 13:07, company man contacted OGCC inspector and informed him that pumping had started. OGCC inspector made contact with complainant by knocking on their door and began a noise survey 25 ft from their house (receptor) at 13:37. Trucks were running materials to the location along County Road 22 during the survey.**

**At 14:11, company rep called OGCC inspector to let him know they were done pumping at which time the noise survey was stopped. After noise survey was run, complainant stated that the noise was louder at night. Noise survey resulted in an Leq 2 average of 70.4 db. Sound Survey is attached. Meter was set to time zone to the east therefore times on the sound survey are a hour ahead.**

**Well Stimulation**

Stimulation Company: BWS Stimulation Type: HYDRAULIC FRAC  
 Other: \_\_\_\_\_  
**Observation:**  
 Maximum Casing Recorded: \_\_\_\_\_ PSI Tubing: \_\_\_\_\_  
 Surface: \_\_\_\_\_ Intermediate: \_\_\_\_\_  
 Production: \_\_\_\_\_ Instantaneous Shut-In Pressure (ISIP) \_\_\_\_\_  
 Bradenhead Psi: \_\_\_\_\_ Frac Flow Back: \_\_\_\_\_ Fluid: \_\_\_\_\_ Gas: \_\_\_\_\_

**Environmental**

**Spills/Releases:**

Type of Spill: \_\_\_\_\_ Description: \_\_\_\_\_ Estimated Spill Volume: \_\_\_\_\_  
 Comment: \_\_\_\_\_  
 Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_  
 Reportable: \_\_\_\_\_ GPS: Lat \_\_\_\_\_ Long \_\_\_\_\_  
 Proximity to Surface Water: \_\_\_\_\_ Depth to Ground Water: \_\_\_\_\_

**Water Well:**

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

**Field Parameters:**

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

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: IRRIGATED  
 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

Inspector Name: Rickard, Jeff

<b>Storm Water:</b>						
Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

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

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

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

**Pits:**  NO SURFACE INDICATION OF PIT

**COGCC Comments**

Comment	User	Date
Sound survey indicated C scale db to be 70.4 25 ft from complaintants house in the direction of the noise source.	rickardj	01/16/2015

**Attached Documents**

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

Document Num	Description	URL
674102006	Sound survey location 25 ft from receptor.	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3530101">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3530101</a>
674102007	Sound survey location 4ft off ground.	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3530102">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3530102</a>
674102008	Noise source, pumps for fracking.	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3530103">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3530103</a>
674102009	Overview of location.	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3530104">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3530104</a>
674102010	Sound survey.	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3530105">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3530105</a>

## **ACTION REQUIRED**

**ANY ACTION REQUIRED** items listed on this report indicate that the oil and gas facility or the oil and gas operations listed on the report may be in violation of the rules and regulations of the Colorado Oil and Conservation Commission (“COGCC”) and corrective action is required.

There is reasonable cause to believe that a violation of the Oil and Gas Conservation Act, or of any rule, regulation, or order of the Commission, or of any permit issued by the Commission, has occurred. The Operator’s compliance with this Inspection Report is required to resolve these alleged violations. This document requires the Operator to timely respond to the COGCC and to comply with directives as listed by the **Corrective Action Deadline Date**. Failure to do so will result in the issuance of a Notice of Alleged Violation and initiation of enforcement proceedings in which COGCC will seek monetary penalties for the alleged violations pursuant to § 34-60-121, C.R.S. and Rule 523, COGCC Rules of Practice and Procedure, 2 CCR 404-1. (Please note that the COGCC's penalty authority was recently increased to a maximum of \$15,000 per day and penalties are no longer capped at a maximum of \$10,000 per violation.)