

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:
11/06/2015

Document Number:
671000240

Overall Inspection:

ACTION REQUIRED

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	443844		LUJAN, CARLOS	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number:	<u>100185</u>
Name of Operator:	<u>ENCANA OIL & GAS (USA) INC</u>
Address:	<u>370 17TH ST STE 1700</u>
City:	<u>DENVER</u> State: <u>CO</u> Zip: <u>80202-</u>

- 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
Spencer, Stan		stan.spencer@state.co.us	EPS, NW Region
Middleton, Brett		Brett.Middleton@encana.com	Environmental Specialist
Fischer, Alex		alex.fischer@state.co.us	Environmental Supervisor, NW
Lujan, Carlos		carlos.lujan@state.co.us	EPS, NW Region
Rider, Lindsey		Lindsey.Rider@encana.com	Manager, Field Environmental

Compliance Summary:

QtrQtr: _____ Sec: _____ Twp: _____ Range: _____

Inspector Comment:

From e-form 19, doc #400928465: A 1" ball valve in the High Mesa to Wallace Creek 12" Water pipeline vault was found half open, resulting in release of produced water to surrounding area on slope, approximately 300 yards above Pete and Bill Creek. Immediate measures were taken to isolate line, stop flow and prevent surface flow of release from reaching the creek. On 11/03/2015, COGCC inspected the spill area. On site: Lindsey Rider, Brett Middleton from Encana and Carlos Lujan from COGCC. According to Encana, the released fluid was separated, filtered, and treated water. Lindsey Rider showed me the analytical results of a representative sample of the released fluid. Benzene concentration was 0.17 ug/L (1/3 of drinking water standard). Release from the vault flowed overland to a vegetated depression. Sub-surface flow occurred as well, producing some subsidence along the pipeline corridor. From there it traveled down a gulch and according to Encana, stopped approximately 30 ft before reaching Pete and Bill Creek. Encana collected soil samples along the flow path. Preliminary results indicate that the flow did not reach Pete and bill creek. The gulch is heavily vegetated with grass, shrubs, and trees.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
443844	SPILL OR RELEASE	AC	11/02/2015		-	SPILL/RELEASE POINT	AC

Equipment:

Location Inventory

Location

Emergency Contact Number (S/A/V): _____ Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:

Type	Area	Volume	Corrective action	CA Date

Multiple Spills and Releases?

Venting:	
Yes/No	Comment

Flaring:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 443844

Site Preparation:

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

S/A/V: _____

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

Form 2A COAs:

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: 0 Type: _____ API Number: - Status: _____ Insp. Status: _____

Environmental

Spills/Releases:

Type of Spill: WATER Description: Filtered Estimated Spill Volume: _____

Comment: Release from the vault flowed overland to a vegetated depression. Sub-surface flow occurred as well, producing some subsidence along the pipeline corridor. From there it traveled down a gulch and according to Encana, stopped approximately 30 ft before reaching Pete and Bill Creek. Encana collected soil samples along the flow path. Preliminary results indicate that the flow did not reach Pete and bill creek. The gulch is heavily vegetated with grass, shrubs, and trees.

Corrective Action: Submit a supplemental spill report including: 1) Soil and water analytical results, 2) a Date: 11/16/2015

Reportable: YES GPS: Lat _____ Long _____

Proximity to Surface Water: 350 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: _____

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: _____

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/A/V: _____ Corrective Date: _____

Comment: _____

CA: _____

Pits: NO SURFACE INDICATION OF PIT

COGCC Comments

Comment	User	Date
Follow-up inspection in Spring 2015 to observe vegetation along the path of the release and determine if any action is required to enhance vegetation growth.	lujanc	11/09/2015

Attached Documents

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

Document Num	Description	URL
671000240	INSPECTION APPROVED	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3718197
671000242	PhotoReport Encana PK36 Pipeline Release	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3718188

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.)