

**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

Inspection Date:

02/04/2016

Document Number:

671000285

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	335594	335594	LUJAN, CARLOS	<input type="checkbox"/>	

**Operator Information:**OGCC Operator Number: 100185Name of Operator: ENCANA OIL & GAS (USA) INCAddress: 370 17TH ST STE 1700City: 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
Lujan, Carlos		carlos.lujan@state.co.us	EPS, NW Region
Fischer, Alex		alex.fischer@state.co.us	Environmental Supervisor, NW
Spencer, Stan		stan.spencer@state.co.us	EPS, NW Region
Middleton, Brett		Brett.Middleton@encana.com	Environmental Specialist
Kasten, Matt		Matthew.Kasten@encana.com	Environmental

**Compliance Summary:**

QtrQtr:	SENE	Sec:	29	Twp:	5S	Range:	95W
Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
12/10/2015	674702172			SATISFACTORY		Pass	No
12/10/2015	674702173			SATISFACTORY			No
12/10/2015	674702171			SATISFACTORY		Pass	No
03/03/2015	671000143			SATISFACTORY			No
12/31/2013	663902582			ACTION REQUIRED			No
12/31/2013	663902581			ACTION REQUIRED	F		No

**Inspector Comment:**

Site Inspection conducted on Feb 04, 2016. On site: Brett Middleton, Matt Kasten from Encana, and myself, Carlos Lujan. The purpose of the inspection was to discuss the existing remediation system and Encana plans moving forward. A group of SVE wells were installed in 2013 on the footprint of the former pit. According to Encana, nutrients were added to the soil when the pit was backfilled. Air pumps (MicroBlowers) powered by solar energy and seven wind powered SVE system were installed. Two of the solar powered pumps failed and need to be replaced. According to Encana, an improved system of solar powered pumps will be installed this spring/summer. Encana indicated that they will drill few borings in 2016 to take soil samples and evaluate the performance of the remediation system. Site covered with snow. No trash or junk was observed on site. Sign at the entrance included local emergency phone number and site description.

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
281254	WELL	PR	11/14/2006	GW	045-11414	N.PARACHUTE EF 16D H29A 595	PR
281255	WELL	PR	02/01/2014	GW	045-11415	N.PARACHUTE EF 15B H29A 595	PR

281256	WELL	PR	11/10/2005	GW	045-11416	N.PARACHUTE EF01B H29A 595	PR	
281257	WELL	PR	11/24/2006	GW	045-11417	N.PARACHUTE EF16B H29A 595	PR	
281258	WELL	PR	11/03/2006	GW	045-11418	N.PARACHUTE EF09B H29A 595	PR	
281259	WELL	PR	11/08/2006	GW	045-11419	N. PARACHUTE EF01D H29A 595	PR	
281260	WELL	PR	11/10/2005	GW	045-11420	N.PARACHUTE EF 15D H29A 59	PR	
281261	WELL	PR	02/01/2014	GW	045-11421	N.PARACHUTE EF 10D H29A 595	PR	
296524	WELL	AL	07/08/2011	LO	045-16054	N. PARACHUTE EF02A-29	AL	
296525	WELL	AL	09/16/2010	LO	045-16055	N. PARACHUTE EF02C-29	AL	
296526	WELL	AL	07/08/2011	LO	045-16056	N. PARACHUTE EF14B-20	AL	
296527	WELL	AL	07/08/2011	LO	045-16057	N. PARACHUTE EF14A-20	AL	
296528	WELL	PA	08/06/2014	GW	045-16058	N. PARACHUTE EF15D-20 H29A 5	PA	
296529	WELL	AL	07/08/2011	LO	045-16059	N. PARACHUTE EF14D-20	AL	
296530	WELL	PA	08/07/2014	LO	045-16060	N. PARACHUTE EF10C-20 H29A 5	PA	
296531	WELL	AL	07/08/2011	LO	045-16061	N. PARACHUTE EF14C-20 H29A	AL	
296532	WELL	PA	08/05/2014	GW	045-16062	N. PARACHUTE EF15B-20 H29A 5	PA	
296533	WELL	PA	08/08/2014	GW	045-16063	N. PARACHUTE EF16D-20 H29A 5	PA	
296534	WELL	PA	07/31/2014	GW	045-16064	N. PARACHUTE EF10A20 H29A 59	PA	
296535	WELL	PA	08/06/2014	GW	045-16065	N. PARACHUTE EF01B-29 H29A 5	PA	
433716	PIT	AC	07/25/2013		-	H29A 433716	AC	

**Equipment:****Location Inventory**

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

**Location****Lease Road:**

Type	Satisfactory/Action Required	comment	Corrective Action	Date

<b>Signs/Marker:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Emergency Contact Number (S/AR): \_\_\_\_\_ Corrective Date: \_\_\_\_\_

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

Corrective Action: \_\_\_\_\_

<b>Good Housekeeping:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

<b>Spills:</b>				
Type	Area	Volume	Corrective action	CA Date

☐ Multiple Spills and Releases?

<b>Fencing/:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

<b>Equipment:</b>				
Type:	#	Satisfactory/Action Required:		
Comment				
Corrective Action				Date:

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

<b>Flaring:</b>			
Type	Satisfactory/Action Required		
Comment:			
Corrective Action:		Correct Action Date:	

**Predrill**

Location ID: 335594

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_

Pads: \_\_\_\_\_

Soil Stockpile: \_\_\_\_\_

**S/AR:** \_\_\_\_\_

Corrective Action: \_\_\_\_\_

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

CDP Num.: \_\_\_\_\_

**Form 2A COAs:****S/AR:** \_\_\_\_\_ **Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_**Wildlife BMPs:****S/AR:** \_\_\_\_\_ **Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_**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: \_\_\_\_\_ Description: \_\_\_\_\_ Estimated Spill Volume: \_\_\_\_\_

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

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

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

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

**Water Well:**

Lat

Long

Inspector Name: LUJAN, CARLOS

DWR Receipt Num:

Owner Name:

GPS :

**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. Waste and Debris removed? \_\_\_\_\_

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 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 \_\_\_\_\_

Inspector Name: LUJAN, CARLOS

**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
Keep COGCC informed via e-form 04 (Progress Report) of planned on site activities such as pumps replacement and soil sampling.	lujanc	02/08/2016

**Attached Documents**

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

Document Num	Description	URL
671000286	Sign at the Entrance	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3778593">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3778593</a>
671000287	Solar Panels and MicroBlowers	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3778594">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3778594</a>
671000288	Solar and Wind powered systems	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3778595">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3778595</a>