

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:
11/20/2014

Document Number:
666800308

Overall Inspection:
SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>423504</u>	<u>335409</u>	<u>Murray, Richard</u>	<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
Contact, General		cogcc.inspections@encana.com	
Kellerby, Shaun		shaun.kellerby@state.us.co	

Compliance Summary:

QtrQtr:	<u>LOT 3</u>	Sec:	<u>19</u>	Twp:	<u>6S</u>	Range:	<u>92W</u>
Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
05/02/2013	670200401	PR	PR	SATISFACTORY			No

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
275313	WELL	AL	06/08/2011	LO	045-13514	ALP 24-8C (K19CNE)	AL	<input checked="" type="checkbox"/>
275314	WELL	AL	06/08/2011	LO	045-13513	ALP 24-8 (K19CNE)	AL	<input checked="" type="checkbox"/>
275315	WELL	PR	06/01/2012	GW	045-13512	ALP (K19CNE) 24-9C	PR	<input checked="" type="checkbox"/>
423486	WELL	PR	09/10/2013	OW	045-20751	ENCANA FEE 24-1B (K19CNE)	PR	<input checked="" type="checkbox"/>
423488	WELL	PR	09/10/2013	OW	045-20753	ENCANA FEE 24-1A (K19CNE)	PR	<input checked="" type="checkbox"/>
423489	WELL	PR	07/30/2013	OW	045-20754	ENCANA FEE 24-8B2 (K19CNE)	PR	<input checked="" type="checkbox"/>
423491	WELL	PR	08/04/2013	OW	045-20756	ENCANA FEE 24-8C2 (K19CNE)	PR	<input checked="" type="checkbox"/>
423492	WELL	PR	09/10/2013	OW	045-20757	ENCANA FEE 19-13D (K19CNE)	PR	<input checked="" type="checkbox"/>
423493	WELL	PR	09/10/2013	OW	045-20758	ENCANA FEE 24-8C (K19CNE)	PR	<input checked="" type="checkbox"/>

423494	WELL	PR	07/30/2012	GW	045-20759	Encana Fee 19-6B (K19CNE)	PR	<input checked="" type="checkbox"/>
423495	WELL	PR	09/10/2013	OW	045-20760	ENCANA FEE 24-9B (K19CNE)	PR	<input checked="" type="checkbox"/>
423499	WELL	PR	06/08/2011	GW	045-20764	Encana Fee 19-11B (K19CNE)	PR	<input checked="" type="checkbox"/>
423501	WELL	PR	07/30/2012	GW	045-20766	Encana Fee 19-11D (K19CNE)	PR	<input checked="" type="checkbox"/>
423503	WELL	PR	09/10/2013	OW	045-20768	ENCANA FEE 24-8B1 (K19CNE)	PR	<input checked="" type="checkbox"/>
423504	WELL	PR	07/30/2012	GW	045-20769	Encana Fee 19-12D (K19CNE)	PR	<input checked="" type="checkbox"/>
423505	WELL	PR	08/10/2012	GW	045-20770	ENCANA FEE 19-5A2 (K19CNE)	PR	<input checked="" type="checkbox"/>
423506	WELL	PR	08/10/2012	GW	045-20771	Encana Fee 19-6D (K19CNE)	PR	<input checked="" type="checkbox"/>
423508	WELL	PR	05/17/2012	GW	045-20773	Encana Fee 19-13A (K19CNE)	PR	<input checked="" type="checkbox"/>
423511	WELL	PR	08/10/2012	GW	045-20776	Encana Fee 19-5A (K19CNE)	PR	<input checked="" type="checkbox"/>
423512	WELL	PR	07/30/2012	GW	045-20777	ENCANA FEE 19-10B (K19CNE)	PR	<input checked="" type="checkbox"/>
423573	WELL	PR	09/10/2013	OW	045-20778	ENCANA FEDERAL 24-10D (K19CNE)	PR	<input checked="" type="checkbox"/>
439239	SPILL OR RELEASE	CL	10/07/2014		-	SPILL/RELEASE POINT	CL	<input type="checkbox"/>

Equipment: Location Inventory

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>19</u>	Production Pits: _____
Condensate Tanks: <u>7</u>	Water Tanks: _____	Separators: <u>19</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: <u>1</u>	Oil Pipeline: _____	Water Pipeline: <u>1</u>
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: _____	Fuel Tanks: _____

Location

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

Comment: _____

Corrective Action: _____

Spills:

Type	Area	Volume	Corrective action	CA Date
<input type="checkbox"/> Multiple Spills and Releases?				

Equipment:

Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Vertical Heated Separator	18	SATISFACTORY			
Vertical Separator	1	SATISFACTORY			
Horizontal Separator	1	SATISFACTORY			

Emission Control Device	2	SATISFACTORY		
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Venting:	
Yes/No	Comment
NO	

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

Predrill

Location ID: 423504

Site Preparation:

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

S/AV: _____

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

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczko	<p>GENERAL SITE COAs:</p> <p>Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines.</p> <p>Operator must ensure secondary containment for any volume of fluids contained at well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures (i.e., best management practices (BMPs) associated with stormwater management) sufficiently protective of nearby surface water. Any berm constructed at the well pad location will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition.</p> <p>The moisture content of any drill cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, the drill cuttings must also meet the applicable standards of table 910-1.</p> <p>Flowback and stimulation fluids must be sent to tanks to allow the sand to settle out before the fluids can be placed into any pipeline or pit located on the well pad. The flowback and stimulation fluid tanks must be placed on the well pad in an area with additional downgradient perimeter berming. The area where flowback fluids will be stored/reused must be constructed to be sufficiently impervious to contain any spilled or released material (per Rule 604.a.(4)).</p> <p>Berms or other containment devices shall be constructed in compliance with Rule 604.a.(4) around crude oil, condensate, and produced water storage tanks.</p>	05/09/2011

S/AV: SATISFACTORY **Comment:** No drilling or completions being performed at time of inspection

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
Interim Reclamation	Wattles, Silt Fence, Vegetation Buffers, Slash, Topsoil Windrows (diversions & ROP's), Scheduling, Phased Construction. (not all are used all the time)

Construction	(Not all are used all the time) Terminal Containment, Diversions, Run-On Protection, Tracking, Benching, Terracing, ECM (Erosion Control Mulch), ECB (Erosion Control Blanket), Check Dams, Seeding, Mulching, Water Bars, Stabilized Unpaved Surfaces (Gravel), Stormwater & Snow Storage Containment, Scheduling, Phased Construction, Temporary Flumes, Culverts with inlet & outlet protection, Rip Rap, TRM (Turf Reinforcement Mats), Maintenance, Scheduling, Phased Construction, Fueling BMP's Waste Management BMP's, Materials Handling BMP's
Wildlife	Minimize the number, length and footprint of oil & gas development roads Use existing routes where possible Combine utility infrastructure planning (gas, electric & water) when possible with roadway planning to avoid separate utility corridors Coordinate Employee transport when possible Reduce visits to well-sites through remote monitoring (i.e. SCADA) and the use of multi-function contractors. Maximize use of state-of-the-art drilling technology (e.g., high efficiency rigs, coiled-tubing unit rigs, closed-loop or pitless drilling, etc.) to minimize disturbance. Reclaim mule deer and elk habitats with native shrubs, grasses, and forbs appropriate to the ecological site disturbed.

S/AV: SATISFACTORY **Comment:** BMP's in place

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: 275313 Type: WELL API Number: 045-13514 Status: AL Insp. Status: AL

Facility ID: 275314 Type: WELL API Number: 045-13513 Status: AL Insp. Status: AL

Facility ID: 275315 Type: WELL API Number: 045-13512 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 423486	Type: WELL	API Number: 045-20751	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 423488	Type: WELL	API Number: 045-20753	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 423489	Type: WELL	API Number: 045-20754	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 423491	Type: WELL	API Number: 045-20756	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 423492	Type: WELL	API Number: 045-20757	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 423493	Type: WELL	API Number: 045-20758	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 423494	Type: WELL	API Number: 045-20759	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 423495	Type: WELL	API Number: 045-20760	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 423499	Type: WELL	API Number: 045-20764	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 423501	Type: WELL	API Number: 045-20766	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 423503	Type: WELL	API Number: 045-20768	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 423504	Type: WELL	API Number: 045-20769	Status: PR	Insp. Status: PR

Producing Well

Comment: **Plunger lift**

Facility ID: 423505 Type: WELL API Number: 045-20770 Status: PR Insp. Status: PR

Producing Well

Comment: **Plunger lift**

Facility ID: 423506 Type: WELL API Number: 045-20771 Status: PR Insp. Status: PR

Producing Well

Comment: **Plunger lift**

Facility ID: 423508 Type: WELL API Number: 045-20773 Status: PR Insp. Status: PR

Producing Well

Comment: **Plunger lift**

Facility ID: 423511 Type: WELL API Number: 045-20776 Status: PR Insp. Status: PR

Producing Well

Comment: **Plunger lift**

Facility ID: 423512 Type: WELL API Number: 045-20777 Status: PR Insp. Status: PR

Producing Well

Comment: **Plunger lift**

Facility ID: 423573 Type: WELL API Number: 045-20778 Status: PR Insp. Status: PR

Complaint

Comment: **Plunger lift**

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): Y

Comment: _____

Pilot: ON Wildlife Protection Devices (fired vessels): YES

Reclamation - Storm Water - Pit

Interim Reclamation:

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: RANGELAND

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: RANGELAND

Reminder: _____

Comment: _____

Well plugged _____ Pit mouse/rat holes, cellars backfilled _____

Debris removed _____ No disturbance /Location never built _____

Access Roads Regraded _____ Contoured _____ Culverts removed _____

Inspector Name: Murray, Richard

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: SATISFACTOR

Corrective Date: _____

Y

Comment:

CA:

Pits: NO SURFACE INDICATION OF PIT