

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:
12/03/2014

Document Number:
666800363

Overall Inspection:
SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>422504</u>	<u>422418</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
Kellerby, Shaun		shaun.kellerby@state.us.co	
Contact, General		cogcc.inspections@encana.com	

Compliance Summary:

QtrQtr: SESW Sec: 16 Twp: 7S Range: 93W

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
422501	WELL	PR	12/05/2012	OW	045-20585	MCU 21-3B (M16W)	PR	<input checked="" type="checkbox"/>
422504	WELL	PR	01/11/2013	GW	045-20586	MCU 16-13B (M16W)	PR	<input checked="" type="checkbox"/>
422505	WELL	PR	12/01/2013	OW	045-20587	MCU 16-13CC (M16W)	PR	<input checked="" type="checkbox"/>
422523	WELL	PR	11/24/2013	OW	045-20589	MCU 21-4BB (M16W)	PR	<input checked="" type="checkbox"/>
422525	WELL	PR	11/26/2013	OW	045-20590	MCU 21-4B (M16W)	PR	<input checked="" type="checkbox"/>
422527	WELL	PR	11/24/2013	OW	045-20591	MCU 21-4C (M16W)	PR	<input checked="" type="checkbox"/>
422539	WELL	PR	11/24/2013	OW	045-20595	MCU 21-5B (M16W)	PR	<input checked="" type="checkbox"/>
422567	WELL	PR	11/24/2013	OW	045-20603	MCU 21-4CC (M16W)	PR	<input checked="" type="checkbox"/>
422575	WELL	PR	01/11/2013	GW	045-20606	MCU 16-13A (M16W)	PR	<input checked="" type="checkbox"/>
423173	WELL	PR	01/10/2013	GW	045-20682	MCU Fee 17-9B2 (M16W)	PR	<input checked="" type="checkbox"/>
423175	WELL	PR	01/11/2013	GW	045-20683	MCU Fee 17-9C (M16W)	PR	<input checked="" type="checkbox"/>

423176	WELL	PR	12/03/2013	OW	045-20684	MCU FEE 17-16C (M16W)	PR	✗
423177	WELL	PR	03/19/2013	GW	045-20685	MCU Fee 16-12C2 (M16W)	PR	✗
423178	WELL	PR	01/10/2013	GW	045-20686	MCU Fee 17-9B (M16W)	PR	✗
423180	WELL	PR	01/07/2014	OW	045-20687	MCU Fee 17-16CC (M16W)	PR	✗
423181	WELL	PR	01/10/2013	OW	045-20688	MCU Fee 16-12C (M16W)	PR	✗
423183	WELL	PR	12/10/2012	OW	045-20689	MCU Fee 16-5C (M16W)	PR	✗
423184	WELL	PR	11/30/2013	OW	045-20690	MCU 16-13C (M16W)	PR	✗
423241	WELL	PR	11/30/2013	OW	045-20696	MCU FEE 17-16B (M16W)	PR	✗
423260	WELL	PR	11/27/2012	OW	045-20705	MCU Fee 17-9D (M16W)	PR	✗

Equipment: Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>20</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: <u>20</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

Signs/Marker:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WELLHEAD	ACTION REQUIRED	No well sign on 17-9d	Install sign to comply with rule 210.	12/31/2014

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

Comment: _____

Corrective Action: _____

Good Housekeeping:				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
UNUSED EQUIPMENT	ACTION REQUIRED	Chemical unit at wellhead	remove unused equipment	12/31/2014

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

Venting:	
Yes/No	Comment
NO	

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

Predrill

Location ID: 422504

Site Preparation:

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

S/A/V: _____

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

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczkod	<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>	03/09/2011

S/A/V: SATISFACTORY **Comment:** No drilling or completions being performed at time of inspection, No visal signs of cuttings or pits

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
Interim Reclamation	Maintenance Revegetation Monitoring BMP maintenance & monitoring Weed Management

Wildlife	<p>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.</p> <p>Reclaim mule deer and elk habitats with native shrubs, grasses, and forbs appropriate to the ecological site disturbed.</p>
Construction	<p>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</p>
Pre-Construction	<p>Wattles Silt Fence Vegetation Buffers Slash Topsoil Windrows (diversions & ROP's) Scheduling Phased Construction</p>

S/A/V: SATISFACTORY **Comment:** BMPs 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: _____

Inspector Name: Murray, Richard

Date Onsite Request Received: _____	Date of Rule 306 Consultation: _____	
Request LGD Attendance: _____		
<u>LGD Contact Information:</u>		
Name: _____	Phone Number: _____	Agreed to Attend: _____
<u>Summary of Landowner Issues:</u>		
<u>Summary of Operator Response to Landowner Issues:</u>		
<u>Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:</u>		

Facility

Facility ID: 422501	Type: WELL	API Number: 045-20585	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 422504	Type: WELL	API Number: 045-20586	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 422505	Type: WELL	API Number: 045-20587	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 422523	Type: WELL	API Number: 045-20589	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 422525	Type: WELL	API Number: 045-20590	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 422527	Type: WELL	API Number: 045-20591	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 422539	Type: WELL	API Number: 045-20595	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 422567	Type: WELL	API Number: 045-20603	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 422575	Type: WELL	API Number: 045-20606	Status: PR	Insp. Status: PR

Producing Well				
Comment: Plunger lift				
Facility ID:	423173	Type:	WELL	API Number: 045-20682
Status:	PR	Insp. Status:	PR	
Producing Well				
Comment: Plunger lift				
Facility ID:	423175	Type:	WELL	API Number: 045-20683
Status:	PR	Insp. Status:	PR	
Producing Well				
Comment: Plunger lift				
Facility ID:	423176	Type:	WELL	API Number: 045-20684
Status:	PR	Insp. Status:	PR	
Producing Well				
Comment: Plunger lift				
Facility ID:	423177	Type:	WELL	API Number: 045-20685
Status:	PR	Insp. Status:	PR	
Producing Well				
Comment: Plunger lift				
Facility ID:	423178	Type:	WELL	API Number: 045-20686
Status:	PR	Insp. Status:	PR	
Producing Well				
Comment: Plunger lift				
Facility ID:	423180	Type:	WELL	API Number: 045-20687
Status:	PR	Insp. Status:	PR	
Producing Well				
Comment: Plunger lift				
Facility ID:	423181	Type:	WELL	API Number: 045-20688
Status:	PR	Insp. Status:	PR	
Producing Well				
Comment: Plunger lift				
Facility ID:	423183	Type:	WELL	API Number: 045-20689
Status:	PR	Insp. Status:	PR	
Producing Well				
Comment: Plunger lift				
Facility ID:	423184	Type:	WELL	API Number: 045-20690
Status:	PR	Insp. Status:	PR	
Producing Well				
Comment: Plunger lift				
Facility ID:	423241	Type:	WELL	API Number: 045-20696
Status:	PR	Insp. Status:	PR	
Producing Well				
Comment: Plunger lift				
Facility ID:	423260	Type:	WELL	API Number: 045-20705
Status:	PR	Insp. Status:	PR	
Producing Well				
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:

Lat _____ Long _____
DWR Receipt Num: _____ Owner Name: _____ GPS : _____

Field Parameters:

Sample Location: _____

Emission Control Burner (ECB): N
Comment: _____
Pilot: _____ 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? Pass CM _____
CA _____ CA Date _____
Waste Material Onsite? Pass CM _____
CA _____ CA Date _____
Unused or unneeded equipment onsite? Pass CM _____
CA _____ CA Date _____
Pit, cellars, rat holes and other bores closed? Pass CM _____
CA _____ CA Date _____
Guy line anchors removed? Pass CM _____
CA _____ CA Date _____
Guy line anchors marked? _____ CM _____
CA _____ CA Date _____
1003b. Area no longer in use? Pass Production areas stabilized ? Pass
1003c. Compacted areas have been cross ripped? Pass
1003d. Drilling pit closed? Pass 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? In

Production areas have been stabilized? Pass

Segregated soils have been replaced? Pass

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 _____

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
		Culverts	Pass			
		Sediment Traps	Pass			
Retention Ponds	Pass					
Rip Rap	Pass					
		Ditches	Pass			
Slope Roughening	Pass					
Berms	Pass					
		Seeding	Pass			
		Slope Roughening	Pass			

S/A/V: SATISFACTOR
Y

Corrective Date: _____

Comment: _____

CA: _____

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
666800371	MCU 16-13b	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3498441