

**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:

01/14/2014

Document Number:

670201141

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	
	422501	422418	BURGER, CRAIG	2A Doc Num:	

Operator Information:

OGCC Operator Number:

Name 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
Inspections, General		cogcc.inspections@encana.com	
Kellerby, Shaun		Shaun.Kellerby@state.co.us	NW Field Supervisor

Compliance Summary:QtrQtr: SESW Sec: 16 Twp: 7S Range: 93W**Inspector Comment:**Tank battery for these wells is at location # 334641.**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
422501	WELL	PR	12/05/2012	LO	045-20585	MCU 21-3B (M16W)	PR	<input checked="" type="checkbox"/>
422504	WELL	PR	01/11/2013	OW	045-20586	MCU 16-13B (M16W)	SI	<input checked="" type="checkbox"/>
422505	WELL	PR	12/01/2013	LO	045-20587	MCU 16-13CC (M16W)	PR	<input checked="" type="checkbox"/>
422523	WELL	WO		LO	045-20589	MCU 21-4BB (M16W)	PR	<input checked="" type="checkbox"/>
422525	WELL	PR	11/22/2013	LO	045-20590	MCU 21-4B (M16W)	PR	<input checked="" type="checkbox"/>
422527	WELL	WO	05/01/2013	LO	045-20591	MCU 21-4C (M16W)	PR	<input checked="" type="checkbox"/>
422539	WELL	WO	05/01/2013	LO	045-20595	MCU 21-5B (M16W)	PR	<input checked="" type="checkbox"/>
422567	WELL	WO		LO	045-20603	MCU 21-4CC (M16W)	PR	<input checked="" type="checkbox"/>
422575	WELL	PR	01/11/2013	OW	045-20606	MCU 16-13A (M16W)	PR	<input checked="" type="checkbox"/>
423173	WELL	PR	01/10/2013	OG	045-20682	MCU Fee 17-9B2 (M16W)	PR	<input checked="" type="checkbox"/>
423175	WELL	PR	01/11/2013	LO	045-20683	MCU Fee 17-9C (M16W)	SI	<input checked="" type="checkbox"/>
423176	WELL	WO	05/01/2013	LO	045-20684	MCU FEE 17-16C (M16W)	PR	<input checked="" type="checkbox"/>
423177	WELL	PR	03/19/2013	GW	045-20685	MCU Fee 16-12C2 (M16W)	PR	<input checked="" type="checkbox"/>
423178	WELL	PR	01/10/2013	OG	045-20686	MCU Fee 17-9B (M16W)	PR	<input checked="" type="checkbox"/>
423180	WELL	WO	05/01/2013	LO	045-20687	MCU Fee 17-16CC (M16W)	PR	<input checked="" type="checkbox"/>

Inspector Name: BURGER, CRAIG

423181	WELL	PR	03/19/2013	OW	045-20688	MCU Fee 16-12C (M16W)	PR	<input checked="" type="checkbox"/>
423183	WELL	PR	12/10/2012	LO	045-20689	MCU Fee 16-5C (M16W)	SI	<input checked="" type="checkbox"/>
423184	WELL	PR	11/30/2013	LO	045-20690	MCU 16-13C (M16W)	PR	<input checked="" type="checkbox"/>
423241	WELL	PR	11/30/2013	LO	045-20696	MCU FEE 17-16B (M16W)	PR	<input checked="" type="checkbox"/>
423260	WELL	PR	11/27/2012	LO	045-20705	MCU Fee 17-9D (M16W)	SI	<input checked="" type="checkbox"/>

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 Motors: _____	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/Unsatisfactory	Comment	Corrective Action	CA Date
BATTERY	Satisfactory			
WELLHEAD	Satisfactory			

Emergency Contact Number: (S/U/V) Satisfactory

Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:

Type	Area	Volume	Corrective action	CA Date
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☐ Multiple Spills and Releases?**Equipment:**

Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Gas Meter Run	3	Satisfactory			
Gathering Line	1	Satisfactory			
Plunger Lift	20	Satisfactory			
Bird Protectors	4	Satisfactory			
Ancillary equipment	1	Satisfactory	Foam unit.		
Vertical Heated Separator	20	Satisfactory			
Flow Line	1	Satisfactory			

Venting:

Yes/No	Comment
NO	

Flaring:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 422501

Site Preparation:

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

S/U/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/U/V: Satisfactory**Comment:**

No drilling or completions at time of inspection.
No indication of accumulation of liquids near cuttings pile.

CA: _____**Date:** _____**Wildlife BMPs:**

BMP Type	Comment
Interim Reclamation	<p>Maintenance</p> <p>Revegetation Monitoring</p> <p>BMP maintenance & monitoring</p> <p>Weed Management</p>

Wildlife	<p>Minimize the number, length and footprint of oil & gas development roads</p> <p>Use existing routes where possible</p> <p>Combine utility infrastructure planning (gas, electric & water) when possible with roadway</p> <p>Planning to avoid separate utility corridors</p> <p>Coordinate Employee transport when possible</p> <p>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</p> <p>Diversions</p> <p>Run-On Protection</p> <p>Tracking</p> <p>Benching</p> <p>Terracing</p> <p>ECM (Erosion Control Mulch)</p> <p>ECB (Erosion Control Blanket)</p> <p>Check Dams</p> <p>Seeding</p> <p>Mulching</p> <p>Water Bars</p> <p>Stabilized Unpaved Surfaces (Gravel)</p> <p>Stormwater & Snow Storage Containment</p> <p>Scheduling</p> <p>Phased Construction</p> <p>Temporary Flumes</p> <p>Culverts with inlet & outlet protection</p> <p>Rip Rap</p> <p>TRM (Turf Reinforcement Mats)</p> <p>Maintenance</p> <p>Scheduling</p> <p>Phased Construction</p> <p>Fueling BMP's</p> <p>Waste Management BMP's</p> <p>Materials Handling BMP's</p>
Pre-Construction	<p>Wattles</p> <p>Silt Fence</p> <p>Vegetation Buffers</p> <p>Slash</p> <p>Topsoil Windrows (diversions & ROP's)</p> <p>Scheduling</p> <p>Phased Construction</p>

S/U/V: Satisfactory**Comment:**Recent completions operations on location.**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: BURGER, CRAIG

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
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Producing Well

Comment: plunger lift

Facility ID: 422504	Type: WELL	API Number: 045-20586	Status: PR	Insp. Status: SI
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Idle Well

Purpose: ☒ Shut In ☐ Temporarily Abandoned Reminder: _____

S/V: _____ CA Date: _____

CA: _____

Comment: Shut in for soap treatment.

Facility ID: 422505	Type: WELL	API Number: 045-20587	Status: PR	Insp. Status: PR
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Producing Well

Comment: plunger lift

Facility ID: 422523	Type: WELL	API Number: 045-20589	Status: WO	Insp. Status: PR
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Producing Well

Comment: plunger lift

Facility ID: 422525	Type: WELL	API Number: 045-20590	Status: PR	Insp. Status: PR
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Producing Well

Comment: plunger lift

Facility ID: 422527	Type: WELL	API Number: 045-20591	Status: WO	Insp. Status: PR
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Producing Well

Comment: plunger lift

Facility ID: 422539	Type: WELL	API Number: 045-20595	Status: WO	Insp. Status: PR
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Producing Well

Comment: plunger lift

Facility ID: 422567	Type: WELL	API Number: 045-20603	Status: WO	Insp. Status: PR
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Producing WellComment: plunger liftFacility ID: 422575 Type: WELL API Number: 045-20606 Status: PR Insp. Status: PR**Producing Well**Comment: plunger liftFacility ID: 423173 Type: WELL API Number: 045-20682 Status: PR Insp. Status: PR**Producing Well**Comment: plunger liftFacility ID: 423175 Type: WELL API Number: 045-20683 Status: PR Insp. Status: SI**Idle Well**Purpose: ☒ Shut In ☐ Temporarily Abandoned Reminder: _____S/V: Satisfactory CA Date: _____

CA: _____

Comment: Shut in for soap treatment.Facility ID: 423176 Type: WELL API Number: 045-20684 Status: WO Insp. Status: PR**Producing Well**Comment: plunger liftFacility ID: 423177 Type: WELL API Number: 045-20685 Status: PR Insp. Status: PR**Producing Well**Comment: plunger liftFacility ID: 423178 Type: WELL API Number: 045-20686 Status: PR Insp. Status: PR**Producing Well**Comment: plunger liftFacility ID: 423180 Type: WELL API Number: 045-20687 Status: WO Insp. Status: PR**Producing Well**Comment: plunger liftFacility ID: 423181 Type: WELL API Number: 045-20688 Status: PR Insp. Status: PR**Producing Well**Comment: plunger liftFacility ID: 423183 Type: WELL API Number: 045-20689 Status: PR Insp. Status: SI**Idle Well**Purpose: ☒ Shut In ☐ Temporarily Abandoned Reminder: _____S/V: Satisfactory CA Date: _____

CA: _____

Comment: Shut in for soap treatment.Facility ID: 423184 Type: WELL API Number: 045-20690 Status: PR Insp. Status: PR

Producing WellComment: **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: SI**Idle Well**Purpose: ☒ Shut In ☐ Temporarily Abandoned Reminder: _____S/V: Satisfactory CA Date: _____

CA: _____

Comment: **Shut in for soap treatment.****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): YES**Reclamation - Storm Water - Pit****Interim Reclamation:**

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

Land Use: RANGELANDComment: **Recent completions on location.**1003a. Debris removed? Pass CM _____

CA _____ CA Date _____

Waste Material Onsite? _____ CM _____

CA _____ CA Date _____

Unused or unneeded equipment onsite? Pass 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 REVEGETATIONCropland

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
Berms	Pass	Compaction	Pass			

Inspector Name: BURGER, CRAIG

Compaction	Pass	Culverts	Pass			
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S/U/V: _____ Corrective Date: _____

Comment: Snow cover limited inspection.

CA: _____

Pits: ☐ NO SURFACE INDICATION OF PIT