

**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:

04/04/2016

Document Number:

666802046

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	285965	324383	Murray, Richard	<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
Contact, General		cogcc.inspections@encana.com	

Compliance Summary:QtrQtr: NESE Sec: 27 Twp: 7S Range: 93W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
06/08/2011	200312345	SR	PR	SATISFACTORY			No

Inspector Comment:**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
285965	WELL	PR	11/05/2012	GW	045-12594	FEDERAL 26-5 (I27W)	PR	<input checked="" type="checkbox"/>
429475	WELL	PR	10/22/2014	GW	045-21601	MCU 26-12B (I27W)	PR	<input checked="" type="checkbox"/>
429476	WELL	PR	07/31/2013	GW	045-21602	MCU 26-12A (I27W)	PR	<input checked="" type="checkbox"/>
429477	WELL	PR	06/29/2013	GW	045-21603	MCU 26-5A (I27W)	PR	<input checked="" type="checkbox"/>
429478	WELL	PR	07/31/2013	GW	045-21604	MCU 26-4B (I27W)	PR	<input checked="" type="checkbox"/>
429479	WELL	PR	07/31/2013	GW	045-21605	MCU 26-12D (I27W)	PR	<input checked="" type="checkbox"/>
429480	WELL	PR	07/31/2013	GW	045-21606	MCU 26-12C (I27W)	PR	<input checked="" type="checkbox"/>
429481	WELL	PR	07/31/2013	GW	045-21607	MCU 26-5C (I27W)	PR	<input checked="" type="checkbox"/>
429482	WELL	PR	07/05/2013	GW	045-21608	MCU 26-4A (I27W)	PR	<input checked="" type="checkbox"/>

Equipment:**Location Inventory**

Inspector Name: Murray, Richard

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>9</u>	Production Pits: _____
Condensate Tanks: <u>4</u>	Water Tanks: _____	Separators: <u>9</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: <u>1</u>	Fuel Tanks: _____

Location

Lease Road:

Type	Satisfactory/Action Required	comment	Corrective Action	Date

Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
CONTAINERS	SATISFACTORY			
BATTERY	SATISFACTORY	AIRS ID 045-2332-001		

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

Comment: _____

Corrective Action: _____

Good Housekeeping:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Spills:

Type	Area	Volume	Corrective action	CA Date

☐ Multiple Spills and Releases?

Fencing/:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Equipment:

Type: Gas Meter Run	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date: _____
Type: Plunger Lift	# 9	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date: _____
Type: Pig Station	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action			Date: _____

Inspector Name: Murray, Richard

Type: Ancillary equipment	# 3	Satisfactory/Action Required:	SATISFACTORY
Comment: Chemical units at wellhead			
Corrective Action			Date:
Type: Vertical Heated Separator	# 8	Satisfactory/Action Required:	SATISFACTORY
Comment:			
Corrective Action			Date:
Type: Emission Control Device	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment:			
Corrective Action			Date:
Type: Horizontal Heated Separator	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment:			
Corrective Action			Date:

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
METHANOL	1	1000 GAL	STEEL AST	,
S/AR	SATISFACTORY		Comment: Centralized battery	
Corrective Action:			Corrective Date:	

Paint

Condition	Adequate
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Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Corrective Action			Corrective Date	
Comment				

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
CONDENSATE	4	500 BBLS	STEEL AST	39.415440,-107.753120
S/AR	SATISFACTORY		Comment:	
Corrective Action:			Corrective Date:	

Paint

Condition	Adequate
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Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Inspector Name: Murray, Richard

Metal	Adequate	Walls Insufficient	Base Sufficient	Adequate	
Corrective Action					Corrective Date
Comment					

Venting:

Yes/No	NO
Comment	

Flaring:

Type		Satisfactory/Action Required	
Comment:			
Corrective Action:		Correct Action Date:	

Predrill

Location ID: 285965

Site Preparation:

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

S/AR: _____

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

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczkod	<p>SITE SPECIFIC COAs:</p> <p>Location is in a sensitive area because of proximity to surface water; therefore, 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>Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface or buried pipelines.</p> <p>There is the potential for shallow groundwater; therefore either a lined drilling pit or closed loop system (which operator has indicated on the Form 2A) must be implemented.</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, if are to remain onsite, must also meet the applicable standards of table 910-1.</p> <p>Notify the COGCC Oil and Gas Location Assessment (OGLA) Specialist for Western Colorado (Dave Kubeczko; email dave.kubeczko@state.co.us), the COGCC Field Inspection Supervisor for Northwest Colorado (Shaun Kellerby; email shaun.kellerby@state.co.us), and the COGCC Field Inspector for Garfield County (Mike Longworth; email mike.longworth@state.co.us) 48 hours prior to start of pad construction, pit liner installation (if applicable), rig mobilization, spud, and start of hydraulic stimulation operations using Form 42 (the appropriate COGCC individuals will automatically be email notified, including the LGD for hydraulic stimulation operations).</p> <p>Flowback and stimulation fluids must be sent to tanks, separators, or other containment/filtering equipment before the fluids can be placed into any pipeline or pit located on the well pad or into tanker trucks for offsite disposal. The flowback and stimulation fluid tanks, separators, or other containment/filtering equipment 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.</p>	06/12/2012

S/AR: SATISFACTORY**Comment:**

No drilling or completions being performed at time of inspection, No visual sign of pits or cuttings

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

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

Inspector Name: Murray, Richard

Wildlife	<p>Wildlife BMPs</p> <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 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>
Pre-Construction	<p>PRECONSTRUCTION</p> <p>Wattles, Silt Fence, Vegetation Buffers, Slash, Topsoil Windrows (diversions & ROP's), Scheduling, Phased Construction</p>
Construction	<p>CONSTRUCTION/RECLAMATION</p> <p>(Not all are used all the time)</p> <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>

S/AR: SATISFACTORY

Comment: BMPs in place

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: 285965 Type: WELL API Number: 045-12594 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 429475 Type: WELL API Number: 045-21601 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 429476 Type: WELL API Number: 045-21602 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 429477 Type: WELL API Number: 045-21603 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 429478 Type: WELL API Number: 045-21604 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 429479 Type: WELL API Number: 045-21605 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 429480 Type: WELL API Number: 045-21606 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 429481 Type: WELL API Number: 045-21607 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 429482 Type: WELL API Number: 045-21608 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:

DWR Receipt Num: Owner Name: GPS : Lat Long

Field Parameters:

Inspector Name: Murray, Richard

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. Waste and Debris removed? 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 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

Inspector Name: Murray, Richard

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
Rip Rap	Pass					
Slope Roughening	Pass					
		Ditches	Pass			
		Sediment Traps	Pass			
Sediment Traps	Pass					
Waddles	Pass					
Retention Ponds	Pass					
Berms	Pass					
Check Dams	Pass					
		Gravel	Pass			
		Culverts	Pass			
Ditches	Pass					

S/A/V: SATISFACTOR

Corrective Date:

Y

Comment:

CA:

Pits: ☒ NO SURFACE INDICATION OF PIT