

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:
10/16/2014

Document Number:
674700424

Overall Inspection:
SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	335690	335690	LONGWORTH, MIKE	<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.co.us	
Inspections, General	970-285-2665	cogcc.inspections@encana.com	

Compliance Summary:

QtrQtr:	<u>NESW</u>	Sec:	<u>4</u>	Twp:	<u>5S</u>	Range:	<u>96W</u>
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Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
01/16/2014	663902674			SATISFACTORY	F		No
01/16/2014	663902673			ACTION REQUIRED			No

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
281799	WELL	AL	05/07/2008	LO	045-11538	N.PARACHUTE WF 15B K04 596	AL	<input type="checkbox"/>
281800	WELL	PR	08/22/2007	GW	045-11539	N. PARACHUTE CP 11A-04 K04 596	PR	<input checked="" type="checkbox"/>
281801	WELL	AL	11/16/2011	LO	045-11540	N. PARACHUTE WF 15D K04 596	AL	<input type="checkbox"/>
281802	WELL	AL	05/07/2008	LO	045-11541	N.PARACHUTE WF 16B K04 596	AL	<input type="checkbox"/>
281803	WELL	AL	05/08/2008	LO	045-11542	N.PARACHUTE WF 14D K04 596	AL	<input type="checkbox"/>
281804	WELL	PR	07/19/2007	GW	045-11543	NORTH PARACHUTE CP10D-4 K04 596	WK	<input checked="" type="checkbox"/>
281805	WELL	PR	07/19/2007	GW	045-11544	N. PARACHUTE CP11D 04 K04596	PR	<input checked="" type="checkbox"/>
281806	WELL	PR	08/22/2007	GW	045-11545	N PARACHUTE CP09B-04 K04 596	PR	<input checked="" type="checkbox"/>
414437	PIT		11/13/2009		-	WELL PAD K04 596		<input type="checkbox"/>

429280	WELL	XX	04/30/2014	LO	045-21515	N Parachute UWF04B-09K04596	ND	X
429281	WELL	XX	05/06/2014	LO	045-21516	N Parachute UWF15A-05K04596	ND	X
429282	WELL	XX	05/05/2014	LO	045-21517	N Parachute UWF13C-04K04596	ND	X
429283	WELL	XX	05/05/2014	LO	045-21518	N Parachute UWF07D-05K04596	ND	X
429284	WELL	XX	06/13/2014	LO	045-21519	N Parachute UWF09B-05K04596	ND	X
429285	WELL	XX	04/30/2014	LO	045-21520	N Parachute UWF04E-09K04596	ND	X
429286	WELL	XX	05/05/2014	LO	045-21521	N Parachute UWF10D-05K04596	ND	X
429287	WELL	XX	05/05/2014	LO	045-21522	N Parachute UWF12A-04K04596	ND	X
429288	WELL	XX	05/06/2014	LO	045-21523	N Parachute UWF15B-05K04596	ND	X
429289	WELL	XX	05/05/2014	LO	045-21524	N Parachute UWF10E-05K04596	ND	X
429290	WELL	XX	05/05/2014	LO	045-21525	N Parachute UWF12E-04K04596	ND	X
429291	WELL	XX	04/30/2014	LO	045-21526	N Parachute UWF05B-09K04596	ND	X
429292	WELL	XX	05/05/2014	LO	045-21527	N Parachute UWF13A-04K04596	ND	X
429293	WELL	XX	04/30/2014	LO	045-21528	N Parachute UMF02E-09K04596	ND	X
429294	WELL	XX	04/30/2014	LO	045-21529	N Parachute UWF07C-05K04596	ND	X
429295	WELL	XX	04/30/2014	LO	045-21530	N Parachute UWF02C-09K04596	ND	X
429296	WELL	XX	05/05/2014	LO	045-21531	N Parachute UWF13E-04K04596	ND	X
429297	WELL	XX	05/05/2014	LO	045-21532	N Parachute UWF13B-04K04596	ND	X
429298	WELL	XX	05/06/2014	LO	045-21533	N Parachute UWF15C-05K04596	ND	X
429299	WELL	XX	05/05/2014	LO	045-21534	N Parachute UWF10C-05K04596	ND	X
429300	WELL	XX	05/05/2014	LO	045-21535	N Parachute UWF07E-05K04596	ND	X
429301	WELL	XX	05/05/2014	LO	045-21536	N Parachute UWF10A-05K04596	ND	X
429302	WELL	XX	04/30/2014	LO	045-21537	N Parachute UWF05E-04K04596	ND	X
429303	WELL	XX	04/30/2014	LO	045-21538	N Parachute UWF04C-09K04596	ND	X
429304	WELL	XX	04/30/2014	LO	045-21539	N Parachute UWF05A-09K04596	ND	X
429305	WELL	XX	04/30/2014	LO	045-21540	N Parachute UWF04A-09K04596	ND	X
429306	WELL	XX	05/15/2014	LO	045-21541	N Parachute UWF05D-04K04596	ND	X

429307	WELL	XX	05/05/2014	LO	045-21542	N Parachute UWF12C-04K04596	ND	<input checked="" type="checkbox"/>
429308	WELL	XX	04/30/2014	LO	045-21543	N Parachute UWF05C-04K04596	ND	<input checked="" type="checkbox"/>
429309	WELL	XX	05/05/2014	LO	045-21544	N Parachute UWF13D-04K04596	ND	<input checked="" type="checkbox"/>
429312	WELL	XX	04/30/2014	LO	045-21545	N Parachute UWF07C-09K04596	ND	<input checked="" type="checkbox"/>
429313	WELL	XX	04/30/2014	LO	045-21546	N Parachute UWF07A-09K04596	ND	<input checked="" type="checkbox"/>

Equipment:

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>36</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: <u>2</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): _____ Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:

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

Venting:

Yes/No	Comment

Flaring:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 335690

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

S/A/V: _____

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

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczko	<p>SITE SPECIFIC COAs:</p> <p>Operator must ensure 110 percent 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 nearby hillside and and fill-material bermed portions (if present) of the pit must be monitored for any day-lighting of fluids throughout pit operations.</p> <p>Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines or permanent buried pipelines.</p> <p>There is the potential for shallow groundwater; therefore either a lined drilling pit or closed loop system 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 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>	06/07/2012

S/AV: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
General Housekeeping	<ul style="list-style-type: none"> • Prohibit Encana employees and contractors from carrying projectile weapons on Encana property, except during company organized events. • Prohibit pets on Encana property.
Construction	<ul style="list-style-type: none"> • Use solar panels as an alternative energy source for on-location production equipment, where appropriate, economically and technically feasible. • Use multiple gathering lines placed in a single trench to minimize disturbance and construction, where appropriate, economically and technically feasible. • Install pipeline crossings at right angles to the drainages, wetlands, and perennial water bodies, where appropriate, economically and technically feasible. • Maintain a minimum of five feet of soil cover between the pipeline and the lowest point of the drainage or water body channel.

Construction	<p>Use solar panels as an alternative energy source for on-location production equipment, where appropriate, economically and technically feasible.</p> <ul style="list-style-type: none"> • Use multiple gathering lines placed in a single trench to minimize disturbance and construction, where appropriate, economically and technically feasible. • Install trench plugs (sloped to allow wildlife or livestock to exit the trench should they enter) at known wildlife or livestock trails to allow safe crossing on long spans of open trench, where appropriate, economically and technically feasible. • Install pipeline crossings at right angles to the drainages, wetlands, and perennial water bodies, where appropriate, economically and technically feasible. • Limit in-stream construction activity to 24-hours for water bodies less than ten feet wide and to 48-hours for water bodies greater than ten feet wide at locations where horizontal boring is not feasible, where appropriate, economically and technically feasible. • Maintain a minimum of five feet of soil cover between the pipeline and the lowest point of the drainage or water body channel.
Dust control	<ul style="list-style-type: none"> • Strategically apply fugitive dust control measures, including enforcing established speed limits on Encana private roads, to reduce fugitive dust and coating of vegetation and deposition in water sources.
Wildlife	<p>Perform biological surveys (on-site) for each new development, using the most recent data sets for wildlife and aquatic resources.</p> <ul style="list-style-type: none"> • Perform pre-disturbance surveys when the on-site inspection and commencement of disturbance occur in different field seasons using the most recent data sets for wildlife and aquatic resources. • Utilize the Encana Wildlife Resources Matrix to identify and document (where appropriate) potential impacts or concerns during the project planning phase for proposed drilling operations and construction of roads, pads and pipelines. • Prohibit Encana employees and contractors from carrying projectile weapons on Encana property, except during company organized events. • Prohibit pets on Encana property. • Strategically apply fugitive dust control measures, including enforcing established speed limits on Encana private roads, to reduce fugitive dust and coating of vegetation and deposition in water sources. • Use engineering controls at all water draw points from Parachute Creek (i.e., overhead loading, one-way valves, install stationary draw hoses with screened intakes) to prevent contamination of the Parachute Creek drainage. • Use enclosed, locking garbage receptacles or implement a strict daily trash removal regime on each temporary or permanent work location.
Wildlife	<ul style="list-style-type: none"> • Install trench plugs (sloped to allow wildlife or livestock to exit the trench should they enter) at known wildlife or livestock trails to allow safe crossing on long spans of open trench, where appropriate, economically and technically feasible. • Perform biological surveys (on-site) for each new development, using the most recent data sets for wildlife and aquatic resources. • Perform pre-disturbance surveys when the on-site inspection and commencement of disturbance occur in different field seasons using the most recent data sets for wildlife and aquatic resources. • Utilize the Encana Wildlife Resources Matrix to identify and document (where appropriate) potential impacts or concerns during the project planning phase for proposed drilling operations and construction of roads, pads and pipelines. • Use enclosed, locking garbage receptacles or implement a strict daily trash removal regime on each temporary or permanent work location.

S/AV: _____ **Comment:** _____

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: 281800 Type: WELL API Number: 045-11539 Status: PR Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 281804 Type: WELL API Number: 045-11543 Status: PR Insp. Status: WK

Workover

Comment: EnSign rig 325 fishing for tubing in the hole

Facility ID: 281805 Type: WELL API Number: 045-11544 Status: PR Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 281806 Type: WELL API Number: 045-11545 Status: PR Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 429280 Type: WELL API Number: 045-21515 Status: XX Insp. Status: ND

Facility ID: 429281 Type: WELL API Number: 045-21516 Status: XX Insp. Status: ND

Facility ID: 429282 Type: WELL API Number: 045-21517 Status: XX Insp. Status: ND

Facility ID: 429283 Type: WELL API Number: 045-21518 Status: XX Insp. Status: ND

Facility ID: 429284 Type: WELL API Number: 045-21519 Status: XX Insp. Status: ND

Facility ID: 429285 Type: WELL API Number: 045-21520 Status: XX Insp. Status: ND

Facility ID: 429286 Type: WELL API Number: 045-21521 Status: XX Insp. Status: ND

Facility ID: 429287 Type: WELL API Number: 045-21522 Status: XX Insp. Status: ND

Facility ID: <u>429288</u>	Type: <u>WELL</u>	API Number: <u>045-21523</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>429289</u>	Type: <u>WELL</u>	API Number: <u>045-21524</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>429290</u>	Type: <u>WELL</u>	API Number: <u>045-21525</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>429291</u>	Type: <u>WELL</u>	API Number: <u>045-21526</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>429292</u>	Type: <u>WELL</u>	API Number: <u>045-21527</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>429293</u>	Type: <u>WELL</u>	API Number: <u>045-21528</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>429294</u>	Type: <u>WELL</u>	API Number: <u>045-21529</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>429295</u>	Type: <u>WELL</u>	API Number: <u>045-21530</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>429296</u>	Type: <u>WELL</u>	API Number: <u>045-21531</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>429297</u>	Type: <u>WELL</u>	API Number: <u>045-21532</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>429298</u>	Type: <u>WELL</u>	API Number: <u>045-21533</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>429299</u>	Type: <u>WELL</u>	API Number: <u>045-21534</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>429300</u>	Type: <u>WELL</u>	API Number: <u>045-21535</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>429301</u>	Type: <u>WELL</u>	API Number: <u>045-21536</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>429302</u>	Type: <u>WELL</u>	API Number: <u>045-21537</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>429303</u>	Type: <u>WELL</u>	API Number: <u>045-21538</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>429304</u>	Type: <u>WELL</u>	API Number: <u>045-21539</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>429305</u>	Type: <u>WELL</u>	API Number: <u>045-21540</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>429306</u>	Type: <u>WELL</u>	API Number: <u>045-21541</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>429307</u>	Type: <u>WELL</u>	API Number: <u>045-21542</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>429308</u>	Type: <u>WELL</u>	API Number: <u>045-21543</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>429309</u>	Type: <u>WELL</u>	API Number: <u>045-21544</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>429312</u>	Type: <u>WELL</u>	API Number: <u>045-21545</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>

Facility ID: 429313 Type: WELL API Number: 045-21546 Status: XX Insp. Status: ND

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): _____

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 _____

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

Permit:	Facility ID	Permit Num	Expiration Date
	414437	1630785	
	414437	1630785	