

**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:

01/16/2014

Document Number:

663902673

Overall Inspection:

Unsatisfactory**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:

Name of Operator: ENCANA OIL & GAS (USA) INC

Address: 370 17TH ST STE 1700

City: 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
YOKLEY, BILL		bill.yokley@state.co.us	
Kellerby, Shaun		shaun.kellerby@state.co.us	
Insp., General	970-285-2665	cogcc.inspections@encana.com	

Compliance Summary:

QtrQtr: NESW Sec: 4 Twp: 5S Range: 96W

Inspector Comment:

Two open cellars, ratholes, and conductors. Closes per COGCC Conductor Setting policy

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 checked="" type="checkbox"/>
281800	WELL	PR	08/22/2007	GW	045-11539	N. PARACHUTE CP 11A-04 K04 596	PR	<input type="checkbox"/>
281801	WELL	AL	11/16/2011	LO	045-11540	N. PARACHUTE WF 15D K04 596	AL	<input checked="" type="checkbox"/>
281802	WELL	AL	05/07/2008	LO	045-11541	N.PARACHUTE WF 16B K04 596	AL	<input checked="" type="checkbox"/>
281803	WELL	AL	05/08/2008	LO	045-11542	N.PARACHUTE WF 14D K04 596	AL	<input checked="" type="checkbox"/>
281804	WELL	PR	07/19/2007	GW	045-11543	NORTH PARACHUTE CP10D-4 K04 596	PR	<input type="checkbox"/>
281805	WELL	PR	07/19/2007	GW	045-11544	N. PARACHUTE CP11D 04 K04596	PR	<input type="checkbox"/>
281806	WELL	PR	08/22/2007	GW	045-11545	N PARACHUTE CP09B-04 K04 596	PR	<input type="checkbox"/>
414437	PIT		11/13/2009		-	WELL PAD K04 596		<input type="checkbox"/>
429280	WELL	XX	06/14/2012	LO	045-21515	N Parachute UWF04B-09K04596	ND	<input type="checkbox"/>
429281	WELL	XX	06/14/2012	LO	045-21516	N Parachute UWF15A-05K04596	ND	<input type="checkbox"/>

429282	WELL	XX	06/14/2012	LO	045-21517	N Parachute UWF13C-04K04596	ND	
429283	WELL	XX	06/14/2012	LO	045-21518	N Parachute UWF07D-05K04596	ND	
429284	WELL	XX	06/14/2012	LO	045-21519	N. PARACHUTE UWF09B-05K04596	ND	
429285	WELL	XX	06/14/2012	LO	045-21520	N Parachute UWF04E-09K04596	ND	
429286	WELL	XX	06/14/2012	LO	045-21521	N Parachute UWF10D-05K04596	ND	
429287	WELL	XX	06/14/2012	LO	045-21522	N Parachute UWF12A-04K04596	ND	
429288	WELL	XX	06/14/2012	LO	045-21523	N Parachute UWF15B-05K04596	ND	
429289	WELL	XX	06/14/2012	LO	045-21524	N Parachute UWF10E-05K04596	ND	
429290	WELL	XX	06/14/2012	LO	045-21525	N Parachute UWF12E-04K04596	ND	
429291	WELL	XX	06/14/2012	LO	045-21526	N Parachute UWF05B-09K04596	ND	
429292	WELL	XX	06/14/2012	LO	045-21527	N Parachute UWF13A-04K04596	ND	
429293	WELL	XX	06/14/2012	LO	045-21528	N Parachute UWF02E-09K04596	ND	
429294	WELL	XX	06/14/2012	LO	045-21529	N Parachute UWF07C-05K04596	ND	
429295	WELL	XX	06/14/2012	LO	045-21530	N Parachute UWF02C-09K04596	ND	
429296	WELL	XX	06/14/2012	LO	045-21531	N Parachute UWF13E-04K04596	ND	
429297	WELL	XX	06/14/2012	LO	045-21532	N Parachute UWF13B-04K04596	ND	
429298	WELL	XX	06/14/2012	LO	045-21533	N Parachute UWF15C-05K04596	ND	
429299	WELL	XX	06/14/2012	LO	045-21534	N Parachute UWF10C-05K04596	ND	
429300	WELL	XX	06/14/2012	LO	045-21535	N Parachute UWF07E-05K04596	ND	
429301	WELL	XX	06/14/2012	LO	045-21536	N Parachute UWF10A-05K04596	ND	
429302	WELL	XX	06/14/2012	LO	045-21537	N Parachute UWF05E-04K04596	ND	
429303	WELL	XX	06/14/2012	LO	045-21538	N Parachute UWF04C-09K04596	ND	
429304	WELL	XX	06/14/2012	LO	045-21539	N Parachute UWF05A-09K04596	ND	
429305	WELL	XX	06/14/2012	LO	045-21540	N Parachute UWF04A-09K04596	ND	
429306	WELL	XX	06/14/2012	LO	045-21541	N Parachute UWF05D-04K04596	ND	
429307	WELL	XX	06/14/2012	LO	045-21542	N Parachute UWF12C-04K04596	ND	
429308	WELL	XX	06/14/2012	LO	045-21543	N Parachute UWF05C-04K04596	ND	

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429309	WELL	XX	06/14/2012	LO	045-21544	N Parachute UWF13D-04K04596	ND	
429312	WELL	XX	06/15/2012	LO	045-21545	N Parachute UWF07C-09K04596	ND	
429313	WELL	XX	06/15/2012	LO	045-21546	N Parachute UWF07A-09K04596	ND	

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/U/V) _____ Corrective Date: _____

Comment: _____

Corrective Action: _____

Spills:

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

Venting:

Yes/No	Comment

Flaring:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 335690

Site Preparation:

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

S/U/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/U/V: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
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.
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.

S/U/V: _____ **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: 281799 Type: WELL API Number: 045-11538 Status: AL Insp. Status: AL

Facility ID: 281801 Type: WELL API Number: 045-11540 Status: AL Insp. Status: AL

Facility ID: 281802 Type: WELL API Number: 045-11541 Status: AL Insp. Status: AL

Facility ID: 281803 Type: WELL API Number: 045-11542 Status: AL Insp. Status: AL

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):

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? Fail CM Open cellars, conductors, and ratholes for AL wells

CA Close Conductors per COGCC Conductor Setting policy CA Date 02/22/2014

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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

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S/U/V: _____ Corrective Date: _____

Comment: _____

CA: _____

Pits: ☐ NO SURFACE INDICATION OF PIT

Permit:	Facility ID	Permit Num	Expiration Date
	414437	1630785	