

**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:
11/03/2014Document Number:
674101637Overall Inspection:
SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	242838	336330	Rickard, Jeffrey	<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
,		cogcc.djinspections@encana.com	Group email

Compliance Summary:QtrQtr: NWNW Sec: 7 Twp: 2N Range: 67W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
01/19/2011	200294620	PR	PR	SATISFACTORY	I		No
01/14/2010	200236368	PR	PR	ACTION REQUIRED			Yes
12/17/2003	200047759	PR	PR	SATISFACTORY		Pass	No
10/18/2000	200010637	PR	PR	SATISFACTORY		Pass	No
02/03/1998	500165867	PR	PR				
06/16/1995	500165866	PR	PR			Pass	No

Inspector Comment:**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
242838	WELL	PR	11/19/1982	GW	123-10629	WANDELL C UNIT 1	PR	<input checked="" type="checkbox"/>
291664	WELL	PR	01/18/2011	GW	123-26121	WANDELL 4-0-7	PR	<input checked="" type="checkbox"/>
435121	WELL	XX	11/22/2013	LO	123-38477	Wandell 2G-7H D267	XX	<input type="checkbox"/>
435122	WELL	XX	11/22/2013	LO	123-38478	Wandell 2B-7H D267	XX	<input type="checkbox"/>
435123	WELL	XX	11/22/2013	LO	123-38479	Wandell 2D-7H D267	XX	<input type="checkbox"/>
435124	WELL	XX	11/22/2013	LO	123-38480	Wandell 2F-7H D267	XX	<input type="checkbox"/>
435125	WELL	XX	11/22/2013	LO	123-38481	Wandell 2C-7H D267	XX	<input type="checkbox"/>

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435126	WELL	XX	11/22/2013	LO	123-38482	Wandell 2A-7H D267	XX	<input type="checkbox"/>
435127	WELL	XX	11/22/2013	LO	123-38483	Wandell 2E-7H D267	XX	<input type="checkbox"/>

Equipment:

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>9</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>5</u>	Separators: <u>10</u>	Electric Motors: _____
Gas or Diesel Motors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: _____	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: <u>12</u>	Oil Tanks: <u>16</u>	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
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☐ Multiple Spills and Releases?

Venting:

Yes/No	Comment
NO	

Flaring:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 242838

Site Preparation:

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

S/A/V: _____

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

Form 2A COAs:

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

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
Planning	<p>Maximize equipment and wellhead setbacks from occupied buildings and residences to the extent feasible and practicable within the proposed location.</p> <p>Prior to commencement of operations, provide notification to landowners within one-half mile of the site.</p> <p>c. Prior to commencement of drilling and completion operations, provide to a Firestone designated staff member the following for the well site for informational purposes only, which Encana may revise from time to time during operations:</p> <p>i. A summary of planned operations, including identified access points and operational timeline, for posting to a local community information web-page.</p> <p>ii. A site plan including final reclamation of the site</p> <p>1. We will work with Firestone to establish landscaping/visual mitigation.</p> <p>iii. A plan for noise, light and dust mitigation, to the extent feasible</p> <p>1. Noise and light - We will perform a baseline noise survey prior to construction and will install temporary sound walls to minimize noise and light impacts during drilling and completions. We will install permanent noise mitigation at the facility location as necessary to meet all COGCC regulations.</p> <p>2. Dust - The access road location will be maintained at regular intervals with water and/or mag chloride to minimize dust during the construction and drilling/completions phases and as necessary during routine visits from pumper trucks or other maintenance vehicles. We utilize closed-loop dust control protocols to manage and minimize dust associated with the use of sand during the completions phase and will apply crushed asphalt or tracking mats along entire length of the access road (this will aid with dust control/mud tracking).</p> <p>iv. A traffic management plan</p> <p>1. We plan to engage Firestone and Weld County and conduct a traffic study to evaluate / optimize access routes with consideration of road limitations, school/ neighborhood impacts, parks, trails/bike paths, railroad crossing.</p> <p>2. To the extent feasible, limit traffic to occur in certain time frames (for example: outside of school drop-off/pick-up times).</p> <p>3. Traffic control measures such as a stop sign/no left hand turn sign will be placed at the access road entrance. We will use pilot cars/flaggers/signage/communication devices when moving overweight/oversize loads to/from location.</p> <p>4. To the extent feasible, we will draw water to be used during the drilling and completions phases from a local fire hydrant and store the water on-site to reduce truck traffic.</p> <p>v. Updates of this information if any plans change during operations</p> <p>d. Utilize steel-rim berms around tanks and separators instead of sand or soil berms. Utilize lined berms for all liquid storage tanks.</p> <p>e. Utilize closed-loop systems for drilling and completion operations</p> <p>f. Utilize a high-low pressure vessel (HLP) and vapor recovery unit (VRU) for the newly drilled wells for at least the first year of production.</p>
Community Outreach and Notification	<p>We will work with Firestone to re-route the user trail as necessary to avoid the temporary and permanent disturbance areas. We will provide 24 hour/day site security at the access road entrance and will fence off the entire length of the access road. We will employ a gate guard during drilling and completions activities to help monitor the access to the pad.</p> <p>The temporary sound walls will be installed around the entire perimeter of the drilling and temporary completions area to further secure the site. Permanent fencing will be installed around the permanent equipment upon conclusion of the drilling and completion operations.</p>

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**Community Outreach
and Notification**

Encana is committed to protecting the health and safety of all individuals affected by our activities. Our goal to minimize the impact our activities have on area residents to the greatest extent practicable. We acknowledge Coal Ridge Middle School is 900' from the site and the closest residential building is 727' away. The previously listed BMPs seek to minimize our impact. We will work with Firestone officials to coordinate the activity schedule for the Wandell location in an effort to further minimize community impact. We will also conduct a community meeting in advance of our operations.

Encana has worked hard to develop strong relationships with the local emergency responder community. Table top exercises, on-site tours and good communication ensure that in the event of an emergency, our efforts are coordinated.

Encana's Emergency Response Plans (ERP) ensure Encana is prepared to respond to emergencies having the potential to compromise the safety of employees and the public, the environment and company property damage. The ERP is based on the National Incident Management System (NIMS) and describes the functional roles and accountabilities for life safety, property damage, and environmental impacts. The ERP also describes the communication and notification protocols to engage local emergency responder support, based on the nature and complexity of the emergency. Some of the ERP details include making the facility and immediate surrounding area safe (people first, then property), isolating the area, establishing and maintaining adequate communication with appropriate governmental agencies (fire, police, and public officials) and to clarify our collective responsibilities.

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: 242838 Type: WELL API Number: 123-10629 Status: PR Insp. Status: PR

Producing Well

Comment: PR

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BradenHead

Comment: Braden head is exposed at surface.

CA:

CA Date:

Facility ID: 291664 Type: WELL API Number: 123-26121 Status: PR Insp. Status: PR

Producing Well

Comment: PR

BradenHead

Comment: Braden head is exposed at surface.

CA:

CA Date:

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): 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: RECREATIONAL

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

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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? _____ 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: RECREATIONAL

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/A/V: SATISFACTOR
Y

Corrective Date: _____

Comment:

CA:

Pits: ☒ NO SURFACE INDICATION OF PIT