

**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:

07/22/2013

Document Number:

670200688

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection
	426488	426478	BURGER, CRAIG	<input type="checkbox"/> 2A Doc Num: _____

Operator Information:

OGCC Operator Number: 100185 Name of Operator: ENCANA OIL & GAS (USA) INC

Address: 370 17TH ST STE 1700

City: DENVER State: CO Zip: 80202-

Contact Information:

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

Compliance Summary:

QtrQtr: NWSW Sec: 24 Twp: 4S Range: 96W

Inspector Comment:**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
426477	WELL	DG	10/22/2012		045-21152	STORY GULCH 8510B-23	<input type="checkbox"/>
426479	WELL	DG	05/26/2013	LO	045-21153	STORY GULCH 8505E-24	<input type="checkbox"/>
426480	WELL	DG	06/16/2013	LO	045-21154	STORY GULCH 8504E-24	<input type="checkbox"/>
426482	WELL	DG	05/28/2013	LO	045-21155	STORY GULCH 8507C-23	<input type="checkbox"/>
426483	WELL	DG	05/23/2013	LO	045-21156	STORY GULCH 8505D-24	<input type="checkbox"/>
426484	WELL	DG	06/19/2013	LO	045-21157	STORY GULCH 8502E-23	<input type="checkbox"/>
426485	WELL	DG	10/16/2012		045-21158	STORY GULCH 8509B-24	<input type="checkbox"/>
426486	WELL	DG	10/04/2012		045-21159	STORY GULCH 8512A-24	<input type="checkbox"/>
426487	WELL	DG	06/03/2013	LO	045-21160	STORY GULCH 8507B-23	<input type="checkbox"/>
426488	WELL	DG	09/29/2012		045-21161	STORY GULCH 8509A-24	<input checked="" type="checkbox"/>
426489	WELL	DG	11/14/2012	LO	045-21162	STORY GULCH 8509E-24	<input type="checkbox"/>
426490	WELL	DG	10/25/2012		045-21163	STORY GULCH 8512C-24	<input type="checkbox"/>
426491	WELL	DG	05/12/2013	LO	045-21164	STORY GULCH 8507D-23	<input type="checkbox"/>
426492	WELL	DG	10/12/2012		045-21165	STORY GULCH 8509C-24	<input type="checkbox"/>
426493	WELL	DG	05/17/2013	LO	045-21166	STORY GULCH 8505C-24	<input type="checkbox"/>
426499	WELL	DG	06/05/2013	LO	045-21167	STORY GULCH 8505B-24	<input type="checkbox"/>
426500	WELL	DG	10/10/2012		045-21168	STORY GULCH 8510A-23	<input type="checkbox"/>
426501	WELL	DG	10/31/2012		045-21169	STORY GULCH 8510C-23	<input type="checkbox"/>
426502	WELL	DG	06/09/2013	LO	045-21170	SG 8507A-23	<input type="checkbox"/>
426503	WELL	DG	10/29/2012		045-21171	STORY NGULCH 8512D-24	<input type="checkbox"/>

Inspector Name: BURGER, CRAIG

426506	WELL	DG	10/10/2012		045-21172	STORY GULCH 8507E-23	
426507	WELL	DG	11/08/2012	LO	045-21173	STORY GULCH 8510E-23	
426510	WELL	DG	11/11/2012	LO	045-21174	STORY GULCH 8512E-24	
426511	WELL	DG	05/16/2013	LO	045-21175	STORY GULCH 8508E-24	
426512	WELL	DG	10/19/2012		045-21176	STORY GULCH 8512B-24	
426514	WELL	DG	06/12/2013	LO	045-21177	STORY GULCH 8505A-24	
426516	WELL	DG	11/05/2012	LO	045-21178	STORY GULCH 8509D-24	
426519	WELL	DG	11/03/2012	LO	045-21179	STORY GULCH 8510D-23	
430181	WELL	DG	06/25/2013	LO	045-21707	SG 8504D-24 L24496	
430182	WELL	DG	06/28/2013	LO	045-21708	SG 8504C-24 L24496	
430183	WELL	DG	06/22/2013	LO	045-21709	SG 8502D-23 L24496	
430195	WELL	DG	07/01/2013	LO	045-21710	SG 8502C-23 L24496	

Equipment:

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>32</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>1</u>	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

<u>Signs/Marker:</u>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	Satisfactory			
DRILLING/RECOMP	Satisfactory			

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
NO	

Flaring:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Field Flare	Satisfactory			

Predrill

Location ID: 426478

Site Preparation:

Lease Road Adeq.: _____ Soil Stockpile: _____

Pads:

Corrective Action: _____

Date: _____

CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczkod	<p>SITE SPECIFIC COAs:</p> <p>Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling, completion, and injection 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>The nearby hillside must be monitored for any day-lighting of fluids throughout drilling 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> <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>	10/27/2011

Comment: Secondary containment of fluids in place. Spill mats under motors. No pits on location. Stimulation from adjacent pad to the east. Flowback into frac tanks through green completions. Moisture content of drill cuttings appeared sufficiently low.

CA: _____

Date: _____

Wildlife BMPs:

BMP Type	Comment
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.
Construction	<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 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.

Site Specific

- Use solar panels as an alternative energy source for on-location production equipment, where appropriate, economically and technically feasible.
- 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.

Comment: Trash management good. Briefing on trash management during safety briefing.**CA:** _____ **Date:** _____**Stormwater:**

Erosion BMPs	Present	Other BMPs	Present

Corrective Action: _____ Date: _____

Comments: Erosion BMPs: _____

Other BMPs: _____

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: 426488 Type: WELL API Number: 045-21161 Status: DG Insp. Status: DG

Well Drilling

Rig: Rig Name: Patterson Pusher/Rig Manager: _____
 Permit Posted: Satisfactory Access Sign: Satisfactory

Well Control Equipment:

Pipe Ram: YES Blind Ram: YES Hydril Type: YES
 Pressure Test BOP: _____ Test Pressure PSI: _____ Safety Plan: YES

Drill Fluids Management:

Lined Pit: NO Unlined Pit: YES Closed Loop: YES Semi-Closed Loop: NO
 Multi-Well: YES Disposal Location: East side of location against cut slope.

Comment:

Well reached TD about 15:30.
 Casing 4.5" diameter P110 grade.
 Planned 32 well pad. Simops on location: construction, drilling, flowback.

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? _____ 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

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	MHSP	Pass	

Inspector Name: BURGER, CRAIG

Rip Rap	Pass					
Retention Ponds	Pass					
Ditches	Pass	Culverts	Pass			
Compaction	Pass	Ditches	Pass	CM	Pass	
Hydro Mulch	Pass	Sediment Traps	Pass			

S/U/V: Satisfactory Corrective Date: _____

Comment: _____

CA: _____