

**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:

03/08/2013

Document Number:

663800812

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection
	426490	426478	LONGWORTH, MIKE	<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
Insp., General	970-285-2665	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	01/08/2013	LO	045-21153	STORY GULCH 8505E-24	<input type="checkbox"/>
426480	WELL	XX	11/15/2011	LO	045-21154	STORY GULCH 8504E-24	<input type="checkbox"/>
426482	WELL	DG	01/17/2013	LO	045-21155	STORY GULCH 8507C-23	<input type="checkbox"/>
426483	WELL	DG	01/15/2013	LO	045-21156	STORY GULCH 8505D-24	<input type="checkbox"/>
426484	WELL	DG	01/11/2013	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	01/10/2013	LO	045-21160	STORY GULCH 8507B-23	<input type="checkbox"/>
426488	WELL	DG	09/29/2012		045-21161	STORY GULCH 8509A-24	<input 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 checked="" type="checkbox"/>
426491	WELL	DG	01/17/2013	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	01/10/2013	LO	045-21166	STORY GULCH 8505C-24	<input type="checkbox"/>
426499	WELL	DG	01/15/2013	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	XX	11/15/2011	LO	045-21170	SG 8507A-23	<input type="checkbox"/>
426503	WELL	DG	10/29/2012		045-21171	STORY NGULCH 8512D-24	<input type="checkbox"/>
426506	WELL	DG	10/10/2012		045-21172	STORY GULCH 8507E-23	<input type="checkbox"/>

Inspector Name: LONGWORTH, MIKE

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	01/08/2013	LO	045-21175	STORY GULCH 8508E-24	
426512	WELL	DG	10/19/2012		045-21176	STORY GULCH 8512B-24	
426514	WELL	DG	01/11/2013	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	01/11/2013	LO	045-21707	SG 8504D-24 L24496	
430182	WELL	XX	09/13/2012	LO	045-21708	SG 8504C-24 L24496	
430183	WELL	XX	09/13/2012	LO	045-21709	SG 8502D-23 L24496	
430195	WELL	DG	01/11/2013	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**

Lease Road:

Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Access	Satisfactory			

Signs/Marker:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
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

Flaring:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

**Predrill**

Location ID: 426478

Site Preparation:

Lease Road Adeq.: \_\_\_\_\_

Pads: \_\_\_\_\_

Soil Stockpile: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

Date: \_\_\_\_\_

CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

Group	User	Comment	Date
OGLA	kubeczkod	<p><b>SITE SPECIFIC COAs:</b></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:** \_\_\_\_\_**CA:** \_\_\_\_\_**Date:** \_\_\_\_\_**Wildlife BMPs:**

BMP Type	Comment
Wildlife	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Perform biological surveys (on-site) for each new development, using the most recent data sets for wildlife and aquatic resources.</li> <li>• 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.</li> <li>• 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.</li> <li>• Use enclosed, locking garbage receptacles or implement a strict daily trash removal regime on each temporary or permanent work location.</li> </ul>
Construction	<ul style="list-style-type: none"> <li>• Use multiple gathering lines placed in a single trench to minimize disturbance and construction, where appropriate, economically and technically feasible.</li> <li>• Install pipeline crossings at right angles to the drainages, wetlands, and perennial water bodies, where appropriate, economically and technically feasible.</li> <li>• Maintain a minimum of five feet of soil cover between the pipeline and the lowest point of the drainage or water body channel.</li> </ul>

## 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:****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: 426490 Type: WELL API Number: 045-21163 Status: DG Insp. Status: DG

**Well Drilling**

**Rig:** Rig Name: Patterson 330 Pusher/Rig Manager: \_\_\_\_\_  
 Permit Posted: Satisfactory Access Sign: Satisfactory

**Well Control Equipment:**

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

**Drill Fluids Management:**

Lined Pit: \_\_\_\_\_ Unlined Pit: \_\_\_\_\_ Closed Loop: YES Semi-Closed Loop: \_\_\_\_\_  
 Multi-Well: YES Disposal Location: \_\_\_\_\_

**Comment:**

\_\_\_\_\_

**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 \_\_\_\_\_

Inspector Name: LONGWORTH, MIKE

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 \_\_\_\_\_ Multi-Well Location ☐

#### **Storm Water:**

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

Inspector Name: LONGWORTH, MIKE

S/U/V: Satisfactory Corrective Date:

Comment:

CA: