

**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
----	----	----	----

Inspection Date:  
09/18/2014Document Number:  
666800072Overall Inspection:  
SATISFACTORY**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	423499	335409	Murray, Richard	<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
Kellerby, Shaun		shaun.kellerby@state.co.us	
Krabacher, Jay		jay.krabacher@state.co.us	
Contact, General		cogcc.inspections@encana.com	
Andrews, Dave		david.andrews@state.co.us	

**Compliance Summary:**QtrQtr: LOT 3 Sec: 19 Twp: 6S Range: 92W**Inspector Comment:**Bradenhead test**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
275313	WELL	AL	06/08/2011	LO	045-13514	ALP 24-8C (K19CNE)	AL
275314	WELL	AL	06/08/2011	LO	045-13513	ALP 24-8 (K19CNE)	AL
275315	WELL	PR	06/01/2012	GW	045-13512	ALP (K19CNE) 24-9C	PR
423486	WELL	PR	09/10/2013	OW	045-20751	ENCANA FEE 24-1B (K19CNE)	PR
423488	WELL	PR	09/10/2013	OW	045-20753	ENCANA FEE 24-1A (K19CNE)	PR
423489	WELL	PR	07/30/2013	OW	045-20754	ENCANA FEE 24-8B2 (K19CNE)	PR
423491	WELL	PR	08/04/2013	OW	045-20756	ENCANA FEE 24-8C2 (K19CNE)	PR
423492	WELL	PR	09/10/2013	OW	045-20757	ENCANA FEE 19-13D (K19CNE)	PR
423493	WELL	PR	09/10/2013	OW	045-20758	ENCANA FEE 24-8C (K19CNE)	PR
423494	WELL	PR	07/30/2012	GW	045-20759	Encana Fee 19-6B (K19CNE)	PR
423495	WELL	PR	09/10/2013	OW	045-20760	ENCANA FEE 24-9B (K19CNE)	PR

Inspector Name: Murray, Richard

423499	WELL	PR	06/08/2011	GW	045-20764	Encana Fee 19-11B (K19CNE)	PR	<input checked="" type="checkbox"/>
423501	WELL	PR	07/30/2012	GW	045-20766	Encana Fee 19-11D (K19CNE)	PR	<input type="checkbox"/>
423503	WELL	PR	09/10/2013	OW	045-20768	ENCANA FEE 24-8B1 (K19CNE)	PR	<input type="checkbox"/>
423504	WELL	PR	07/30/2012	GW	045-20769	Encana Fee 19-12D (K19CNE)	PR	<input type="checkbox"/>
423505	WELL	PR	08/10/2012	GW	045-20770	ENCANA FEE 19-5A2 (K19CNE)	PR	<input type="checkbox"/>
423506	WELL	PR	08/10/2012	GW	045-20771	Encana Fee 19-6D (K19CNE)	PR	<input type="checkbox"/>
423508	WELL	PR	05/17/2012	GW	045-20773	Encana Fee 19-13A (K19CNE)	PR	<input type="checkbox"/>
423511	WELL	PR	08/10/2012	GW	045-20776	Encana Fee 19-5A (K19CNE)	PR	<input type="checkbox"/>
423512	WELL	PR	07/30/2012	GW	045-20777	ENCANA FEE 19-10B (K19CNE)	PR	<input type="checkbox"/>
423573	WELL	PR	09/10/2013	OW	045-20778	ENCANA FEDERAL 24-10D (K19CNE)	PR	<input type="checkbox"/>

**Equipment:**

Location Inventory

Special Purpose Pits: _____	Drilling Pits: <u>1</u>	Wells: <u>19</u>	Production Pits: _____
Condensate Tanks: <u>7</u>	Water Tanks: _____	Separators: <u>19</u>	Electric Motors: _____
Gas or Diesel Mortors: _____	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: _____	Gas Pipeline: <u>1</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): SATISFACTORY

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

Comment: \_\_\_\_\_

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

**Spills:**

Type	Area	Volume	Corrective action	CA Date
------	------	--------	-------------------	---------

☐ Multiple Spills and Releases?

**Venting:**

Yes/No	Comment

**Flaring:**

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

**Predrill**

Location ID: 423499

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

**S/AV:** \_\_\_\_\_

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

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

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

**Form 2A COAs:**

Group	User	Comment	Date
OGLA	kubeczkod	<p>GENERAL SITE COAs:</p> <p>Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines.</p> <p>Operator must ensure 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 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>Flowback and stimulation fluids must be sent to tanks to allow the sand to settle out before the fluids can be placed into any pipeline or pit located on the well pad. The flowback and stimulation fluid tanks 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 (per Rule 604.a.(4)).</p> <p>Berms or other containment devices shall be constructed in compliance with Rule 604.a.(4) around crude oil, condensate, and produced water storage tanks.</p>	05/09/2011

**S/AV:** \_\_\_\_\_ **Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_**Date:** \_\_\_\_\_**Wildlife BMPs:**

BMP Type	Comment
Interim Reclamation	Wattles, Silt Fence, Vegetation Buffers, Slash, Topsoil Windrows (diversions & ROP's), Scheduling, Phased Construction. (not all are used all the time)
Construction	<p>(Not all are used all the time)</p> <p>Terminal Containment, Diversions, Run-On Protection, Tracking, Benching, Terracing, ECM (Erosion Control Mulch), ECB (Erosion Control Blanket), Check Dams, Seeding, Mulching, Water Bars, Stabilized Unpaved Surfaces (Gravel), Stormwater &amp; Snow Storage Containment, Scheduling, Phased Construction, Temporary Flumes, Culverts with inlet &amp; outlet protection, Rip Rap, TRM (Turf Reinforcement Mats), Maintenance, Scheduling, Phased Construction, Fueling BMP's</p> <p>Waste Management BMP's, Materials Handling BMP's</p>
Wildlife	<p>Minimize the number, length and footprint of oil &amp; gas development roads</p> <p>Use existing routes where possible</p> <p>Combine utility infrastructure planning (gas, electric &amp; water) when possible with roadway planning to avoid separate utility corridors</p> <p>Coordinate Employee transport when possible</p> <p>Reduce visits to well-sites through remote monitoring (i.e. SCADA) and the use of multi-function contractors. Maximize use of state-of-the-art drilling technology (e.g., high efficiency rigs, coiled-tubing unit rigs, closed-loop or pitless drilling, etc.) to minimize disturbance.</p> <p>Reclaim mule deer and elk habitats with native shrubs, grasses, and forbs appropriate to the ecological site disturbed.</p>

Inspector Name: Murray, Richard

<b>S/AV:</b> _____	<b>Comment:</b> _____
<b>CA:</b> _____	<b>Date:</b> _____
<b>Stormwater:</b>	
<b>Comment:</b> _____	
<b>Staking:</b>	
<b>On Site Inspection (305):</b>	
<b>Surface Owner Contact Information:</b>	
Name: _____	Address: _____
Phone Number: _____	Cell Phone: _____
<b>Operator Rep. Contact Information:</b>	
Landman Name: _____	Phone Number: _____
Date Onsite Request Received: _____	Date of Rule 306 Consultation: _____
Request LGD Attendance: _____	
<b>LGD Contact Information:</b>	
Name: _____	Phone Number: _____
Agreed to Attend: _____	
<b>Summary of Landowner Issues:</b>	
_____	
<b>Summary of Operator Response to Landowner Issues:</b>	
_____	
<b>Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:</b>	
_____	

**Facility**

Facility ID: 423499    Type: WELL    API Number: 045-20764    Status: PR    Insp. Status: PR

**BradenHead**

Comment: Well was bleed down within 24 hours of start of bradenhead test. Start of test pressure on Bradenhead was 144 PSI. No fluid came to surface. Tubbing start and stop pressure 274 and 180, Casing start and stop pressure 394 and 310, well was open to sales during test

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: \_\_\_\_\_

Inspector Name: Murray, Richard

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: \_\_\_\_\_

Inspector Name: Murray, Richard

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 <input type="checkbox"/>	Multi-Well Location <input type="checkbox"/>

**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

**COGCC Comments**

Comment	User	Date
Bradenhead test	murrayr	09/18/2014