

**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:  
11/19/2014

Document Number:  
666800302

Overall Inspection:  
SATISFACTORY

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>263197</u>	<u>335058</u>	<u>Murray, Richard</u>	<input type="checkbox"/>	

**Operator Information:**

OGCC Operator Number:	<u>100185</u>
Name of Operator:	<u>ENCANA OIL &amp; GAS (USA) INC</u>
Address:	<u>370 17TH ST STE 1700</u>
City:	<u>DENVER</u> State: <u>CO</u> Zip: <u>80202-</u>

- 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
Contact, General		cogcc.inspections@encana.com	
Kellerby, Shaun		shaun.kellerby@state.us.co	

**Compliance Summary:**

QtrQtr: NWSE Sec: 24 Twp: 6S Range: 93W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
06/09/2011	200312730	PR	PR	SATISFACTORY			No
11/01/2010	200282155	PR	PR	SATISFACTORY			No
04/06/2006	200088867	PR	PR	SATISFACTORY	I	Pass	No
03/14/2006	200087438	PR	PR	SATISFACTORY	I	Pass	No
03/14/2006	200087456	PR	PR	<b>ACTION REQUIRED</b>	I	<b>Fail</b>	Yes
05/13/2002	200028410	DG	DG	SATISFACTORY		Pass	No

**Inspector Comment:**

\_\_\_\_\_

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
263197	WELL	PR	09/26/2002	GW	045-08105	ALP 24-16B1 (J24NW)	PR	<input checked="" type="checkbox"/>
263198	WELL	PR	07/12/2012	GW	045-08106	GMU 24-15B1(J24NW)	PR	<input checked="" type="checkbox"/>
263199	WELL	PR	09/24/2002	GW	045-08107	GMU 24-10A1(J24NW)	PR	<input checked="" type="checkbox"/>
263200	WELL	PR	09/13/2012	GW	045-08108	ALP 24-9B1(J24NW)	PR	<input checked="" type="checkbox"/>
271505	WELL	PR	09/13/2012	GW	045-09895	ALP 24-1C(J24NW)	PR	<input checked="" type="checkbox"/>
271506	WELL	PR	06/09/2004	GW	045-09894	ALP 24-5A(J24NW)	PR	<input checked="" type="checkbox"/>

430873	WELL	PR	02/04/2014	OW	045-21801	Alp Federal 24-12AA (J24NW)	PR	<input checked="" type="checkbox"/>
430874	WELL	PR	02/04/2014	OW	045-21802	Alp Fee 24-6AA (J24NW)	PR	<input checked="" type="checkbox"/>
430875	WELL	PR	01/14/2014	GW	045-21803	ALP Fee 24-3D (J24NW)	PR	<input checked="" type="checkbox"/>
430876	WELL	PR	01/12/2014	GW	045-21804	ALP FEE 24-3A (J24NW)	PR	<input checked="" type="checkbox"/>
430877	WELL	PR	01/12/2014	GW	045-21805	ALP Fee 24-6A (J24NW)	PR	<input checked="" type="checkbox"/>
430878	WELL	PR	02/04/2014	OW	045-21806	ALP Fee 24-5D (J24NW)	PR	<input checked="" type="checkbox"/>
430879	WELL	PR	01/11/2014	GW	045-21807	ALP FEE 24-2C (J24NW)	PR	<input checked="" type="checkbox"/>
430880	WELL	PR	01/05/2014	GW	045-21808	ALP Fee 24-12A (J24NW)	PR	<input checked="" type="checkbox"/>
430881	WELL	PR	02/04/2014	OW	045-21809	ALP Fee 24-6B (J24NW)	PR	<input checked="" type="checkbox"/>
430882	WELL	PR	01/02/2014	OW	045-21810	ALP FEE 24-12D (J24NW)	PR	<input checked="" type="checkbox"/>

**Equipment:**

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>16</u>	Production Pits: _____
Condensate Tanks: <u>10</u>	Water Tanks: _____	Separators: <u>16</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: <u>1</u>	Flare: <u>1</u>	Fuel Tanks: _____

**Location**

<b>Signs/Marker:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
BATTERY	SATISFACTORY			
TANK LABELS/PLACARDS	SATISFACTORY			
WELLHEAD	SATISFACTORY			

Emergency Contact Number (S/A/V): SATISFACTORY Corrective Date: \_\_\_\_\_

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

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

<b>Spills:</b>				
Type	Area	Volume	Corrective action	CA Date
<input type="checkbox"/> Multiple Spills and Releases?				

<b>Equipment:</b>					
Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Vertical Heated Separator	16	SATISFACTORY			

Inspector Name: Murray, Richard

Plunger Lift	16	SATISFACTORY		
Vertical Separator	1	SATISFACTORY		
Horizontal Separator	1	SATISFACTORY		
Ancillary equipment	1	SATISFACTORY	Blow down tank	
Bird Protectors	7	SATISFACTORY		
Emission Control Device	1	SATISFACTORY		

**Facilities:**  New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
CONDENSATE	1	500 BBLS	HEATED STEEL AST	,
S/A/V:	SATISFACTORY		Comment: Centralized battery	
Corrective Action:				Corrective Date:

Paint

Condition	Adequate
Other (Content)	_____
Other (Capacity)	_____
Other (Type)	_____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Corrective Action				Corrective Date
Comment				

**Facilities:**  New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
METHANOL	1	1000 GAL	STEEL AST	,
S/A/V:	SATISFACTORY		Comment: Centralized battery	
Corrective Action:				Corrective Date:

Paint

Condition	Adequate
Other (Content)	_____
Other (Capacity)	_____
Other (Type)	_____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Corrective Action				Corrective Date
Comment				

**Facilities:**  New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
CONDENSATE	4	500 BBLS	STEEL AST	39.511490,-107.721080
S/A/V:	SATISFACTORY		Comment:	

Corrective Action:		Corrective Date:		
<b>Paint</b>				
Condition	Adequate			
Other (Content)	_____			
Other (Capacity)	_____			
Other (Type)	_____			
<b>Berms</b>				
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Insufficient	Adequate
Corrective Action	_____			Corrective Date
Comment	_____			

<b>Venting:</b>		
Yes/No	Comment	
NO	_____	

<b>Flaring:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

**Predrill**

Location ID: 263197

**Site Preparation:**  
 Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

**S/A/V:** \_\_\_\_\_  
 Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:**

Group	User	Comment	Date
OGLA	kubeczko	Initiated/Completed OGLA Form 2A review on 10-24-12 by Dave Kubeczko; placed fluid containment, spill/release BMPs, moisture content cuttings, and flowback to tanks COAs on Form 2A on 10-24-12; passed by CPW on 10-05-12 with operator submitted BMPs acceptable; passed OGLA Form 2A review on 11-05-12 by Dave Kubeczko; fluid containment, spill/release BMPs, moisture content cuttings, and flowback to tanks COAs.	10/24/2012

<p>OGLA</p>	<p>kubeczkod</p>	<p><b>SITE SPECIFIC COAs:</b></p> <p>Notify the COGCC 48 hours prior to start of pad construction, 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>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>Operator must ensure secondary containment for any volume of fluids contained at well site during drilling and completion operations (as shown on the Proposed BMPs attachment); 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 cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts.</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, storage vessel, or lined pit (only if an amended Form 2A has been submitted/approved and a Form 15 Earthen Pit Permitted has been submitted/approved) 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>10/24/2012</p>
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**S/A/V:** SATISFACTORY      **Comment:** No drilling or completions being performed at time of inspection

**CA:**       **Date:**

**Wildlife BMPs:**

BMP Type	Comment
<p>Construction</p>	<p>(Not all are used all the time)                      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, Waste Management BMP's, Materials Handling BMP's</p>

Wildlife	<p>Minimize the number, length and footprint of oil &amp; gas development roads                  Use existing routes where possible                  Combine utility infrastructure planning (gas, electric &amp; water) when possible with roadway planning to avoid separate utility corridors                  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>
Final Reclamation	<p>Maintenance                  Revegetation Monitoring                  BMP maintenance &amp; monitoring                  Weed Management</p>
Pre-Construction	<p>Wattles, Silt Fence, Vegetation Buffers, Slash, Topsoil Windrows (diversions &amp; ROP's),                  Scheduling, Phased Construction</p>

**S/A/V:** SATISFACTORY      **Comment:** BMP's in place

**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: 263197    Type: WELL    API Number: 045-08105    Status: PR    Insp. Status: PR

**Producing Well**

Comment: Plunger lift

Facility ID: 263198    Type: WELL    API Number: 045-08106    Status: PR    Insp. Status: PR

**Producing Well**

Comment: Plunger lift

Facility ID: 263199	Type: WELL	API Number: 045-08107	Status: PR	Insp. Status: PR
<b>Producing Well</b>				
Comment: <span style="color: red;">Plunger lift</span>				
Facility ID: 263200	Type: WELL	API Number: 045-08108	Status: PR	Insp. Status: PR
<b>Producing Well</b>				
Comment: <span style="color: red;">Plunger lift</span>				
Facility ID: 271505	Type: WELL	API Number: 045-09895	Status: PR	Insp. Status: PR
<b>Producing Well</b>				
Comment: <span style="color: red;">Plunger lift</span>				
Facility ID: 271506	Type: WELL	API Number: 045-09894	Status: PR	Insp. Status: PR
<b>Producing Well</b>				
Comment: <span style="color: red;">Plunger lift</span>				
Facility ID: 430873	Type: WELL	API Number: 045-21801	Status: PR	Insp. Status: PR
<b>Producing Well</b>				
Comment: <span style="color: red;">Plunger lift</span>				
Facility ID: 430874	Type: WELL	API Number: 045-21802	Status: PR	Insp. Status: PR
<b>Producing Well</b>				
Comment: <span style="color: red;">Plunger lift</span>				
Facility ID: 430875	Type: WELL	API Number: 045-21803	Status: PR	Insp. Status: PR
<b>Producing Well</b>				
Comment: <span style="color: red;">Plunger lift</span>				
Facility ID: 430876	Type: WELL	API Number: 045-21804	Status: PR	Insp. Status: PR
<b>Producing Well</b>				
Comment: <span style="color: red;">Plunger lift</span>				
Facility ID: 430877	Type: WELL	API Number: 045-21805	Status: PR	Insp. Status: PR
<b>Producing Well</b>				
Comment: <span style="color: red;">Plunger lift</span>				
Facility ID: 430878	Type: WELL	API Number: 045-21806	Status: PR	Insp. Status: PR
<b>Producing Well</b>				
Comment: <span style="color: red;">Plunger lift</span>				
Facility ID: 430879	Type: WELL	API Number: 045-21807	Status: PR	Insp. Status: PR
<b>Producing Well</b>				
Comment: <span style="color: red;">Plunger lift</span>				
Facility ID: 430880	Type: WELL	API Number: 045-21808	Status: PR	Insp. Status: PR

**Producing Well**

Comment: **Plunger lift**

Facility ID: 430881 Type: WELL API Number: 045-21809 Status: PR Insp. Status: PR

**Producing Well**

Comment: **Plunger lift**

Facility ID: 430882 Type: WELL API Number: 045-21810 Status: PR Insp. Status: PR

**Producing Well**

Comment: **Plunger lift**

**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: 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: \_\_\_\_\_

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

S/A/V: \_\_\_\_\_ Corrective Date: \_\_\_\_\_

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

CA: \_\_\_\_\_

**Pits:**  NO SURFACE INDICATION OF PIT