

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:
01/14/2014

Document Number:
670201137

Overall Inspection:
Satisfactory

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>428268</u>	<u>324286</u>	<u>BURGER, CRAIG</u>	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number: _____

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

Address: 370 17TH ST STE 1700

City: 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
Inspections, General		cogcc.inspections@encana.com	
Kellerby, Shaun		Shaun.Kellerby@state.co.us	NW Field Supervisor

Compliance Summary:

QtrQtr: SESW Sec: 22 Twp: 7S Range: 93W

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
274049	WELL	PR	12/03/2012	GW	045-10319	SOURS 22-11 (N22W)	PR	<input checked="" type="checkbox"/>
274050	WELL	AL	10/12/2006	LO	045-10318	FEDERAL 22-14 (N22W)	AL	<input type="checkbox"/>
427161	WELL	PR	01/11/2013	LO	045-21269	MCU 22-13B (N22W)	PR	<input checked="" type="checkbox"/>
427165	WELL	XX	12/30/2011	LO	045-21271	MCU 22-14C (N22W)	XX	<input type="checkbox"/>
427168	WELL	XX	12/30/2011	LO	045-21273	MCU 22-14A (N22W)	XX	<input type="checkbox"/>
427171	WELL	PR	11/22/2012	LO	045-21274	MCU 22-13A (N22W)	PR	<input checked="" type="checkbox"/>
427174	WELL	PR	11/18/2012	LO	045-21275	MCU 22-13C (N22W)	PR	<input checked="" type="checkbox"/>
427177	WELL	XX	12/30/2011	LO	045-21276	MCU 22-14CC (N22W)	XX	<input type="checkbox"/>
428268	WELL	PR	11/14/2012	LO	045-21453	MCU FEE 22-12C (N22W)	PR	<input checked="" type="checkbox"/>
428280	WELL	PR	11/27/2012	LO	045-21454	MCU FEE 22-12A (N22W)	PR	<input checked="" type="checkbox"/>
428290	WELL	PR	01/11/2013	LO	045-21455	MCU FEE 22-12B (N22W)	PR	<input checked="" type="checkbox"/>
428293	WELL	PR	11/14/2012	LO	045-21456	MCU FEE 22-11A (N22W)	PR	<input checked="" type="checkbox"/>
430131	WELL	XX	09/06/2012	LO	045-21701	MCU Fee 22-11D (N22W)	ND	<input checked="" type="checkbox"/>
430132	WELL	XX	09/07/2012	LO	045-21702	MCU Fee 22-16C (N22W)	ND	<input checked="" type="checkbox"/>

430134	WELL	XX	09/07/2012	LO	045-21703	MCU Fee 22-16B (N22W)	ND	✗
430135	WELL	XX	09/07/2012	LO	045-21704	MCU FEE 22-16BB (N22W)	ND	✗
430136	WELL	XX	09/07/2012	LO	045-21705	MCU FEE 22-9C (N22W)	ND	✗
430137	WELL	XX	09/07/2012	LO	045-21706	MCU FEE 22-16CC (N22W)	ND	✗

Equipment: Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>17</u>	Production Pits: _____
Condensate Tanks: <u>6</u>	Water Tanks: _____	Separators: <u>12</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: <u>1</u>	Fuel Tanks: _____

Location

Signs/Marker:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	Satisfactory			
WELLHEAD	Satisfactory			
BATTERY	Satisfactory			

Emergency Contact Number: (S/U/V) Satisfactory Corrective Date: _____
 Comment: _____
 Corrective Action: _____

Good Housekeeping:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
STORAGE OF SUPL	Satisfactory	Culvert stored near location entrance.		

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

Fencing/:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
LOCATION	Satisfactory	barbed wire		

Equipment:					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Horizontal Heated Separator	1	Satisfactory			
Gas Meter Run	1	Satisfactory			
Plunger Lift	8	Satisfactory			
Bird Protectors	3	Satisfactory			
Gathering Line	1	Satisfactory			

Vertical Heated Separator	7	Satisfactory			
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Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
CONDENSATE	1	300 BBLS	STEEL AST	,

S/U/V: Satisfactory Comment: same berm as 500 bbl tanks

Corrective Action: _____ Corrective Date: _____

Paint

Condition	Adequate
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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/U/V: Satisfactory Comment: same berm as 500 bbl tanks

Corrective Action: _____ Corrective Date: _____

Paint

Condition	Adequate
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Other (Content) _____

Other (Capacity) _____

Other (Type) _____

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Corrective Action _____ Corrective Date _____

Comment _____

Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
CONDENSATE	4	500 BBLS	STEEL AST	39.425360,-107.762280
S/U/V:	Satisfactory	Comment: _____		
Corrective Action:	_____			Corrective Date: _____
Paint				
Condition	Adequate			
Other (Content)	_____			
Other (Capacity)	_____			
Other (Type)	_____			
Berms				
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate
Corrective Action	_____			Corrective Date _____
Comment	_____			
Venting:				
Yes/No	Comment			_____
NO	_____			_____
Flaring:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
_____	_____	_____	_____	_____

Predrill

Location ID: 428268

Site Preparation:

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

S/U/V: _____

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

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczkod	<p>SITE SPECIFIC COAs:</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>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; 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>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>	10/27/2011

S/U/V: Satisfactory

Comment:

No accumulation of fluids below cuttings at southeast side of pad at time of inspection. Continue fluid management if fluids accumulate.

CA:

Date:

Wildlife BMPs:

BMP Type	Comment
Wildlife	<p>Minimize the number, length and footprint of oil & gas development roads Use existing routes where possible Combine utility infrastructure planning (gas, electric & 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>
Construction	<p>CONSTRUCTION/RECLAMATION (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 & Snow Storage Containment, Scheduling, Phased Construction, Temporary Flumes, Culverts with inlet & outlet protection, Rip Rap, TRM (Turf Reinforcement Mats), Maintenance, Scheduling, Phased Construction, Fueling BMP's, Waste Management BMP's, Materials Handling BMP's</p>

Pre-Construction	PRECONSTRUCTION Wattles, Silt Fence, Vegetation Buffers, Slash, Topsoil Windrows (diversions & ROP's), Scheduling, Phased Construction
Interim Reclamation	POST CONSTRUCTION/RECLAMATION Maintenance Revegetation Monitoring BMP maintenance & monitoring Weed Management

S/U/V: Satisfactory **Comment:** Pad off existing road to other locations.

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: 274049 Type: WELL API Number: 045-10319 Status: PR Insp. Status: PR

Producing Well

Comment: plunger lift

Facility ID: 427161 Type: WELL API Number: 045-21269 Status: PR Insp. Status: PR

Producing Well

Comment: plunger lift

Facility ID: 427171 Type: WELL API Number: 045-21274 Status: PR Insp. Status: PR

Producing Well

Comment: plunger lift

Facility ID: 427174 Type: WELL API Number: 045-21275 Status: PR Insp. Status: PR

Producing Well				
Comment: <input type="text" value="plunger lift"/>				
Facility ID:	428268	Type:	WELL	API Number: 045-21453
Status:	PR	Insp. Status:	PR	
Producing Well				
Comment: <input type="text" value="plunger lift"/>				
Facility ID:	428280	Type:	WELL	API Number: 045-21454
Status:	PR	Insp. Status:	PR	
Producing Well				
Comment: <input type="text" value="plunger lift"/>				
Facility ID:	428290	Type:	WELL	API Number: 045-21455
Status:	PR	Insp. Status:	PR	
Producing Well				
Comment: <input type="text" value="plunger lift"/>				
Facility ID:	428293	Type:	WELL	API Number: 045-21456
Status:	PR	Insp. Status:	PR	
Producing Well				
Comment: <input type="text" value="plunger lift"/>				
Facility ID:	430131	Type:	WELL	API Number: 045-21701
Status:	XX	Insp. Status:	ND	
Facility ID:	430132	Type:	WELL	API Number: 045-21702
Status:	XX	Insp. Status:	ND	
Facility ID:	430134	Type:	WELL	API Number: 045-21703
Status:	XX	Insp. Status:	ND	
Facility ID:	430135	Type:	WELL	API Number: 045-21704
Status:	XX	Insp. Status:	ND	
Facility ID:	430136	Type:	WELL	API Number: 045-21705
Status:	XX	Insp. Status:	ND	
Facility ID:	430137	Type:	WELL	API Number: 045-21706
Status:	XX	Insp. Status:	ND	

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): N

Comment: _____

Pilot: _____ Wildlife Protection Devices (fired vessels): YES

Reclamation - Storm Water - Pit

Interim Reclamation:

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: RANGELAND

Comment: Active permits on location.

1003a. Debris removed? Pass CM _____

CA _____ CA Date _____

Waste Material Onsite? _____ CM _____

CA _____ CA Date _____

Unused or unneeded equipment onsite? Pass 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: BURGER, CRAIG

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
Compaction		Compaction	Pass			
Berms		Culverts	Pass	MHSP	Pass	

S/U/V: Satisfactory _____ Corrective Date: _____

Comment: Snow cover limited inspection.

CA: _____

Pits: NO SURFACE INDICATION OF PIT