

**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:
	428268	324286	BURGER, CRAIG	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number:

Name 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
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	<input checked="" type="checkbox"/>
430135	WELL	XX	09/07/2012	LO	045-21704	MCU FEE 22-16BB (N22W)	ND	<input checked="" type="checkbox"/>
430136	WELL	XX	09/07/2012	LO	045-21705	MCU FEE 22-9C (N22W)	ND	<input checked="" type="checkbox"/>
430137	WELL	XX	09/07/2012	LO	045-21706	MCU FEE 22-16CC (N22W)	ND	<input checked="" type="checkbox"/>

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 Motors: _____	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
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☐ 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			

Inspector Name: BURGER, CRAIG

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:	
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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	
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Comment	
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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:	
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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	
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Comment	
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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	
_____	_____	_____	_____	_____	
<u>Predrill</u>					
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>

Inspector Name: BURGER, CRAIG

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 WellComment: plunger liftFacility ID: 428268 Type: WELL API Number: 045-21453 Status: PR Insp. Status: PR**Producing Well**Comment: plunger liftFacility ID: 428280 Type: WELL API Number: 045-21454 Status: PR Insp. Status: PR**Producing Well**Comment: plunger liftFacility ID: 428290 Type: WELL API Number: 045-21455 Status: PR Insp. Status: PR**Producing Well**Comment: plunger liftFacility ID: 428293 Type: WELL API Number: 045-21456 Status: PR Insp. Status: PR**Producing Well**Comment: plunger liftFacility ID: 430131 Type: WELL API Number: 045-21701 Status: XX Insp. Status: NDFacility ID: 430132 Type: WELL API Number: 045-21702 Status: XX Insp. Status: NDFacility ID: 430134 Type: WELL API Number: 045-21703 Status: XX Insp. Status: NDFacility ID: 430135 Type: WELL API Number: 045-21704 Status: XX Insp. Status: NDFacility ID: 430136 Type: WELL API Number: 045-21705 Status: XX Insp. Status: NDFacility 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: _____

Inspector Name: BURGER, CRAIG

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