

**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:

10/17/2013

Document Number:

670200963

Overall Inspection:

Unsatisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>428293</u>	<u>324286</u>	<u>BURGER, CRAIG</u>	<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	
King, Julie		jjking@blm.gov	
Kellerby, Shaun		Shaun.Kellerby@state.co.us	NW Field Supervisor

Compliance Summary:QtrQtr: SESW Sec: 22 Twp: 7S Range: 93W**Inspector Comment:**Gravel being imported and graded on location.**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)	ND	<input checked="" type="checkbox"/>
427168	WELL	XX	12/30/2011	LO	045-21273	MCU 22-14A (N22W)	ND	<input checked="" 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)	ND	<input checked="" 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"/>

Inspector Name: BURGER, CRAIG

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
WEEDS	Satisfactory	Spraying of weeds on pipeline right of way adjacent to access road performed recently.		

Spills:

Type	Area	Volume	Corrective action	CA Date
Other			Accumulation of liquids greater than de minimus amounts are present near cuttings stored on location near the tank battery. Remove all liquids from location.	10/24/2013

☐ 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
Plunger Lift	8	Satisfactory			
Bird Protectors	3	Satisfactory			
Horizontal Heated Separator	1	Satisfactory			
Horizontal Heated Separator	7	Satisfactory			
Gas Meter Run	1	Satisfactory			
Gathering Line	1	Satisfactory			

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
CONDENSATE	4	500 BBLS	STEEL AST	39.425360,-107.762280

S/U/V: Satisfactory Comment: _____

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
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: 428293

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: Violation**Comment:**

Cogcc Doc # 200370628 COA (5) requires "PREVENT ACCUMULATION OF LIQUIDS" from the cuttings pile on location. Dark brown colored liquid is present at the base of the cuttings pile on location. NOAV Doc # 200370628 was issued on 10/23/2012 for accumulation of liquids.

CA:

Operator will contact (Shaun Kellerby North west Field Inspection Supervisor) by the corrective action date, to provide written documentation of corrective actions and control measures implemented to comply with Condition of Approval (5) from Cogcc Doc # 200370628.

Date:

10/24/2013

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

S/U/V: Satisfactory

Comment:

Existing road used to access pad and infrastructure combined with other pads. SCADA system in place. Additional wells planned on location.

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 WellComment: **plunger lift**

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

Producing WellComment: **plunger lift**

Facility ID: 427165 Type: WELL API Number: 045-21271 Status: XX Insp. Status: ND

Facility ID: 427168 Type: WELL API Number: 045-21273 Status: XX Insp. Status: ND

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

Producing WellComment: **plunger lift**

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

Producing WellComment: **plunger lift**

Facility ID: 427177 Type: WELL API Number: 045-21276 Status: XX Insp. Status: ND

Facility ID: 428268 Type: WELL API Number: 045-21453 Status: PR Insp. Status: PR

Producing WellComment: **plunger lift**

Facility ID: 428280 Type: WELL API Number: 045-21454 Status: PR Insp. Status: PR

Producing WellComment: **plunger lift**

Facility ID: 428290 Type: WELL API Number: 045-21455 Status: PR Insp. Status: PR

Producing WellComment: **plunger lift**

Facility ID: 428293 Type: WELL API Number: 045-21456 Status: PR Insp. Status: PR

Producing WellComment: **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:

Lat _____ Long _____

DWR Receipt Num: _____ Owner Name: _____ GPS : _____

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: Additional wells planned on location.

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 REVEGETATIONCropland

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
Culverts	Pass					
Sediment Traps	Pass					
Rip Rap	Pass	Culverts	Pass			
Ditches	Pass	Tackifiers	Pass			
Waddles	Pass					

Inspector Name: BURGER, CRAIG

Retention Ponds	Pass				
Berms	Pass	Ditches	Pass		
S/U/V: Satisfactory Corrective Date: _____					
Comment: Stormwater issues from previous inspection have been addressed.					
CA: _____					
Pits: <input checked="" type="checkbox"/> NO SURFACE INDICATION OF PIT					

Attached Documents

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
670200967	Liquid below cuttings pile (1).	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3209763
670200968	Liquid below cuttings pile (2).	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3209764