

**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:

05/24/2013

Document Number:

670200491

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>278069</u>	<u>334632</u>	<u>BURGER, CRAIG</u>	<input type="checkbox"/>	

Operator Information:OGCC Operator Number: 100185 Name of Operator: ENCANA OIL & GAS (USA) INCAddress: 370 17TH ST STE 1700City: DENVERState: COZip: 80202-**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: NESW Sec: 33 Twp: 6S Range: 93W**Inspector Comment:**

Flow calibration occurring at time of inspection.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
278041	WELL	PR	04/19/2009	GW	045-10828	GMU 33-12C(33NW)	<input checked="" type="checkbox"/>
278042	WELL	PR	05/12/2010	GW	045-10827	GMU 33-13C(K33NW)	<input checked="" type="checkbox"/>
278069	WELL	PR	02/01/2011	GW	045-10832	GMU 33-5C (K33NW)	<input checked="" type="checkbox"/>
278070	WELL	PR	04/27/2010	GW	045-10831	GMR 33-11 (K33NW)	<input checked="" type="checkbox"/>
278071	WELL	PR	05/05/2010	GW	045-10830	GMU 33-4C(K33NW)	<input checked="" type="checkbox"/>
278072	WELL	PR	05/18/2010	GW	045-10829	GMU 33-6(K33NW)	<input checked="" type="checkbox"/>
284421	WELL	PR	05/01/2010	GW	045-12169	GMU 33-3D(K33NW)	<input checked="" type="checkbox"/>
284423	WELL	PR	04/19/2010	GW	045-12170	GMR 33-11D (K33NW)	<input checked="" type="checkbox"/>
284426	WELL	PR	05/15/2010	GW	045-12174	GMU 33-3(K33NW)	<input checked="" type="checkbox"/>
284427	WELL	PR	02/01/2011	GW	045-12173	GMU 33-12B(K33NW)	<input checked="" type="checkbox"/>
284429	WELL	PR	05/09/2010	GW	045-12172	GMU 33-5B (K33NW)	<input checked="" type="checkbox"/>
284431	WELL	PR	04/18/2009	GW	045-12171	GMU 33-13B(K33NW)	<input checked="" type="checkbox"/>
413111	WELL	PR	04/21/2010	GW	045-18716	GMU 33-11A (K33NW)	<input checked="" type="checkbox"/>

Equipment:Location Inventory

Inspector Name: BURGER, CRAIG

Special Purpose Pits: 1	Drilling Pits: _____	Wells: 13	Production Pits: _____
Condensate Tanks: 6	Water Tanks: _____	Separators: 13	Electric Motors: _____
Gas or Diesel Mortors: 13	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: _____
Electric Generators: 2	Gas Pipeline: 1	Oil Pipeline: _____	Water Pipeline: 1
Gas Compressors: _____	VOC Combustor: _____	Oil Tanks: _____	Dehydrator Units: 1
Multi-Well Pits: _____	Pigging Station: 1	Flare: 1	Fuel Tanks: 1

Location

Signs/Marker:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
BATTERY	Satisfactory			
WELLHEAD	Unsatisfactory	Signs need 1/4 1/4 section.	Install sign to comply with rule 210.d.	06/21/2013
TANK LABELS/PLACARDS	Satisfactory			

Emergency Contact Number: (S/U/V) Satisfactory

Corrective Date: _____

Comment: _____

Corrective Action: _____

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	barb wire		

Equipment:

Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Plunger Lift	13	Satisfactory			
Gathering Line	1	Satisfactory			
Emission Control Device	1	Satisfactory			
Horizontal Heated Separator	1	Satisfactory	No containment. Unit made by Central Tank of Oklahoma.		
Gas Meter Run	1	Satisfactory			
Vertical Heated Separator	12	Satisfactory	No containment. Units are Natco EDO80046		
Bird Protectors	7	Satisfactory			
Pig Station	1	Satisfactory			

Facilities:		<input type="checkbox"/> New Tank		Tank ID: _____	
Contents	#	Capacity	Type	SE GPS	
CONDENSATE	2	500 BBLS	STEEL AST	,	
S/U/V:	Satisfactory		Comment:	same berm as heated tanks	
Corrective Action:				Corrective Date:	
<u>Paint</u>					
Condition	Adequate				
Other (Content) _____					
Other (Capacity) _____					
Other (Type) _____					
<u>Berms</u>					
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	2	500 BBLS	HEATED STEEL AST	39.482120,-107.782900	
S/U/V:	Satisfactory		Comment:		
Corrective Action:				Corrective Date:	
<u>Paint</u>					
Condition	Adequate				
Other (Content) _____					
Other (Capacity) _____					
Other (Type) _____					
<u>Berms</u>					
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	
Ignitor/Combustor	Satisfactory				
<u>Predrill</u>					
Location ID: 334632					
Site Preparation:					
Lease Road Adeq.: _____		Pads: _____		Soil Stockpile: _____	
Corrective Action: _____		Date: _____		CDP Num.: _____	

Form 2A COAs:

Group	User	Comment	Date
Agency	kerrt	Special Purpose Pit will be permitted in compliance with Rule 903.a.(2). Pit lining shall be in compliance with rule 904.a.(3). Pit closure shall be in compliance with Rule 905.	08/28/2009
DOW	warrenm	Set and post speed limits below 20mph and caution signs on the access road where allowed by surface owners. Close and immediately reclaim all roads that are redundant, not used regularly, or have been abandoned to the maximum extent possible to minimize disturbance and habitat fragmentation. Reclaim mule deer habitat with native shrubs, grasses, and forbs appropriate to the ecological site disturbed where allowed by surface owner. Use a wildlife-appropriate fence as outlined in the Landowner Guide to Wildlife Friendly Fences: How to Build a Fence with Wildlife in Mind by Montana Fish, Wildlife, and Parks at this location if approved by the surface owner.	08/31/2009
Agency	ashm	Special Purpose Pit will be permitted in compliance with Rule 903.a.(2). Pit lining shall be in compliance with rule 904.a.(3). Pit closure shall be in compliance with Rule 905.	08/31/2009

Comment: No pit on location.**CA:****Date:****Wildlife BMPs:**

BMP Type	Comment
PROPOSED BMPs	<p>Wildlife BMPs /+</p> <p>Minimize the number, length and footprint of oil & gas development roads RECEIVED</p> <p>Use existing routes where possible</p> <p>Combine utility infrastructure planning (gas, electric & water) when possible with road ay planning to avoid separate utility corridors JUL 0 7 2009</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-funOOGCC</p> <p>contractors. Maximize use of state -of- the -art drilling technology (e.g., high efficiency rigs, cone- 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> <p>General List of Stormwater BMP's</p>

(Not all are used all the time)

PRECONSTRUCTION

Wattles

Silt Fence

Vegetation Buffers

Slash

Topsoil Windrows (diversions & ROP's)

Phased Construction

CONSTRUCTION/RECLAMATION

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

Temporary Flumes

Culverts with inlet & outlet protection

Rip Rap

TRM (Turf Reinforcement Mats)

Maintenance

Phased Construction

Fueling BMP's

Waste Management BMP's

Materials Handling BMP's

POST CONSTRUCTION /RECLAMATION

Maintenance

Revegetation Monitoring

BMP maintenance & monitoring

Weed Management

Comment: SCADA equipment on location. Reclaim performed. Stormwater BMP's in place.**CA:** **Date:** **Stormwater:**

Erosion BMPs	Present	Other BMPs	Present
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Corrective Action: Date: Comments: Erosion BMPs: Other BMPs: **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: 278041 Type: WELL API Number: 045-10828 Status: PR Insp. Status: PR**Producing Well**Comment: Facility ID: 278042 Type: WELL API Number: 045-10827 Status: PR Insp. Status: PR**Producing Well**Comment: Facility ID: 278069 Type: WELL API Number: 045-10832 Status: PR Insp. Status: PR

Producing WellComment: Facility ID: 278070 Type: WELL API Number: 045-10831 Status: PR Insp. Status: PR**Producing Well**Comment: Facility ID: 278071 Type: WELL API Number: 045-10830 Status: PR Insp. Status: PR**Producing Well**Comment: Facility ID: 278072 Type: WELL API Number: 045-10829 Status: PR Insp. Status: PR**Producing Well**Comment: Facility ID: 284421 Type: WELL API Number: 045-12169 Status: PR Insp. Status: PR**Producing Well**Comment: Facility ID: 284423 Type: WELL API Number: 045-12170 Status: PR Insp. Status: PR**Producing Well**Comment: Facility ID: 284426 Type: WELL API Number: 045-12174 Status: PR Insp. Status: PR**Producing Well**Comment: Facility ID: 284427 Type: WELL API Number: 045-12173 Status: PR Insp. Status: PR**Producing Well**Comment: Facility ID: 284429 Type: WELL API Number: 045-12172 Status: PR Insp. Status: PR**Producing Well**Comment: Facility ID: 284431 Type: WELL API Number: 045-12171 Status: PR Insp. Status: PR**Producing Well**Comment: Facility ID: 413111 Type: WELL API Number: 045-18716 Status: PR Insp. Status: PR**Producing Well**Comment: **Environmental****Spills/Releases:**

Type of Spill: _____ Description: _____ Estimated Spill Volume: _____

Inspector Name: BURGER, CRAIG

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? Pass CM _____
CA _____ CA Date _____
Waste Material Onsite? Pass CM _____
CA _____ CA Date _____
Unused or unneeded equipment onsite? Pass CM _____
CA _____ CA Date _____
Pit, cellars, rat holes and other bores closed? Pass CM _____
CA _____ CA Date _____
Guy line anchors removed? Pass CM _____
CA _____ CA Date _____
Guy line anchors marked? _____ CM _____
CA _____ CA Date _____

1003b. Area no longer in use? Pass _____ Production areas stabilized ? Pass _____

1003c. Compacted areas have been cross ripped? Pass _____

1003d. Drilling pit closed? Pass _____ Subsidence over on drill pit? Pass _____

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? Pass _____ Segregated soils have been replaced? Pass _____

RESTORATION AND REVEGETATION

Cropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established _____

Inspector Name: BURGER, CRAIG

Non-Cropland

Top soil replaced _____

Recontoured _____

80% Revegetation _____

1003 f. Weeds Noxious weeds? _____ P _____

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 _____

Multi-Well Location ☐

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Rip Rap	Pass	Rip Rap	Pass			
Blankets	Fail	Sediment Traps	Pass			
Seeding	Pass	Culverts	Pass			
Culverts	Pass	Ditches	Pass			
Sediment Traps	Pass	Slope Roughening	Pass			
Berms	Pass	Tackifiers	Pass			

S/U/V: **Unsatisfactory**

Corrective Date: **06/21/2013**

Comment: Blanket at outlet of western sediment trap failed and erosion rill formed. Some erosion in access road ditches.

CA: Maintain BMP's.