

**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:

07/16/2013

Document Number:

670200664

Overall Inspection:

Unsatisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>428280</u>	<u>324286</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
Kellerby, Shaun		Shaun.Kellerby@state.co.us	NW Field Supervisor
Inspections, General		cogcc.inspections@encana.com	

Compliance Summary:QtrQtr: SESW Sec: 22 Twp: 7S Range: 93W**Inspector Comment:**

Permits still active for wells not drilled on location.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
274049	WELL	PR	12/03/2012	GW	045-10319	SOURS 22-11 (N22W)	X
274050	WELL	AL	10/12/2006	LO	045-10318	FEDERAL 22-14 (N22W)	X
427161	WELL	PR	01/11/2013	LO	045-21269	MCU 22-13B (N22W)	X
427165	WELL	XX	12/30/2011	LO	045-21271	MCU 22-14C (N22W)	X
427168	WELL	XX	12/30/2011	LO	045-21273	MCU 22-14A (N22W)	X
427171	WELL	PR	11/22/2012	LO	045-21274	MCU 22-13A (N22W)	X
427174	WELL	PR	11/18/2012	LO	045-21275	MCU 22-13C (N22W)	X
427177	WELL	XX	12/30/2011	LO	045-21276	MCU 22-14B (N22W)	X
428268	WELL	PR	11/14/2012	LO	045-21453	MCU FEE 22-12C (N22W)	X
428280	WELL	PR	11/27/2012	LO	045-21454	MCU FEE 22-12A (N22W)	X
428290	WELL	PR	01/11/2013	LO	045-21455	MCU FEE 22-12B (N22W)	X
428293	WELL	PR	11/14/2012	LO	045-21456	MCU FEE 22-11A (N22W)	X
430131	WELL	XX	09/06/2012	LO	045-21701	MCU Fee 22-9C (N22W)	X
430132	WELL	XX	09/07/2012	LO	045-21702	MCU Fee 22-16C (N22W)	X
430134	WELL	XX	09/07/2012	LO	045-21703	MCU Fee 22-9D (N22W)	X
430135	WELL	XX	09/07/2012	LO	045-21704	MCU Fee 22-16A (N22W)	X
430136	WELL	XX	09/07/2012	LO	045-21705	MCU Fee 22-10A (N22W)	X
430137	WELL	XX	09/07/2012	LO	045-21706	MCU Fee 22-16B (N22W)	X

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
BATTERY	Satisfactory			
WELLHEAD	Satisfactory			
TANK LABELS/PLACARDS	Satisfactory			

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

Corrective Date: _____

Comment: _____

Corrective Action: _____

Good Housekeeping:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WEEDS	Unsatisfactory	Weeds present on location.	Manage weeds.	08/15/2013
STORAGE OF SUPL	Satisfactory	Some pipe on location.		

Spills:

Type	Area	Volume	Corrective action	CA Date
Other			Discolored fluid (brown) at base of cuttings piles. Clean up the fluid and prevent additional leaching from cuttings piles.	08/09/2013

☐ Multiple Spills and Releases?**Fencing/:**

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

Facilities:		<input type="checkbox"/> 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:	
<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	3	500 BBLS	STEEL AST	39.425360,-107.762280	
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	
<u>Predrill</u>					
Location ID: 324286					
Site Preparation:					
Lease Road Adeq.:		Pads:	Soil Stockpile:		
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

Comment: Discolored fluid present at base of cuttings piles.

CA: Demonstrate that moisture content of cuttings is as low as practicable.

Date: 08/08/2013

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>

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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

Comment: Existing road used to access pad and infrastructure combined with pads to the east.

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

Producing Well

Comment:

Facility ID: 274050 Type: WELL API Number: 045-10318 Status: AL Insp. Status: AL

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

Producing Well				
Comment: <input type="text" value="plunger lift"/>				
Facility ID: <u>427165</u>	Type: <u>WELL</u>	API Number: <u>045-21271</u>	Status: <u>XX</u>	Insp. Status: <u>ND</u>
Facility ID: <u>427168</u> Type: <u>WELL</u> API Number: <u>045-21273</u> Status: <u>XX</u> Insp. Status: <u>ND</u>				
Facility ID: <u>427171</u> Type: <u>WELL</u> API Number: <u>045-21274</u> Status: <u>PR</u> Insp. Status: <u>PR</u>				
Producing Well				
Comment: <input type="text" value="plunger lift"/>				
Facility ID: <u>427174</u> Type: <u>WELL</u> API Number: <u>045-21275</u> Status: <u>PR</u> Insp. Status: <u>PR</u>				
Producing Well				
Comment: <input type="text" value="plunger lift"/>				
Facility ID: <u>427177</u> Type: <u>WELL</u> API Number: <u>045-21276</u> Status: <u>XX</u> Insp. Status: <u>ND</u>				
Facility ID: <u>428268</u> Type: <u>WELL</u> API Number: <u>045-21453</u> Status: <u>PR</u> Insp. Status: <u>PR</u>				
Producing Well				
Comment: <input type="text" value="plunger lift"/>				
Facility ID: <u>428280</u> Type: <u>WELL</u> API Number: <u>045-21454</u> Status: <u>PR</u> Insp. Status: <u>PR</u>				
Producing Well				
Comment: <input type="text" value="plunger lift"/>				
Facility ID: <u>428290</u> Type: <u>WELL</u> API Number: <u>045-21455</u> Status: <u>PR</u> Insp. Status: <u>PR</u>				
Producing Well				
Comment: <input type="text" value="Plunger lift. Completion information for this well not in the COGCC database."/>				
Facility ID: <u>428293</u> Type: <u>WELL</u> API Number: <u>045-21456</u> Status: <u>PR</u> Insp. Status: <u>PR</u>				
Producing Well				
Comment: <input type="text" value="plunger lift"/>				
Facility ID: <u>430131</u> Type: <u>WELL</u> API Number: <u>045-21701</u> Status: <u>XX</u> Insp. Status: <u>ND</u>				
Facility ID: <u>430132</u> Type: <u>WELL</u> API Number: <u>045-21702</u> Status: <u>XX</u> Insp. Status: <u>ND</u>				
Facility ID: <u>430134</u> Type: <u>WELL</u> API Number: <u>045-21703</u> Status: <u>XX</u> Insp. Status: <u>ND</u>				
Facility ID: <u>430135</u> Type: <u>WELL</u> API Number: <u>045-21704</u> Status: <u>XX</u> Insp. Status: <u>ND</u>				
Facility ID: <u>430136</u> Type: <u>WELL</u> API Number: <u>045-21705</u> Status: <u>XX</u> Insp. Status: <u>ND</u>				
Facility ID: <u>430137</u> Type: <u>WELL</u> API Number: <u>045-21706</u> Status: <u>XX</u> Insp. Status: <u>ND</u>				
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: _____

Waste Management:

Type	Management	Condition	Comment	GPS (Lat)	(Long)
Drill Cuttings	Piles	Inadequate	Discolored fluid at base of piles. Fluid is adjacent to stormwater ditch at north east side of 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: Active permits 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? _____

Inspector Name: BURGER, CRAIG

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

Multi-Well Location ☐

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Berms	Fail					
Ditches	Pass	Ditches	Pass	SR	Fail	
Culverts	Pass					
Gravel	Pass	Culverts	Pass			
Retention Ponds	Pass	Tackifiers	Pass			
Rip Rap	Pass					

S/U/V: **Unsatisfactory** Corrective Date: **08/09/2013**

Comment: Site berm failed at three locations and erosion gulleys formed. Berm was not compacted.
Discolored fluid below cuttings piles is adjacent to stormwater ditch that leaves the location.

CA: Provide and maintain adequate stormwater and erosion control BMP's.