

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
----	----	----	----

Inspection Date:
04/18/2013

Document Number:
670200351

Overall Inspection:
Satisfactory

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	<input type="checkbox"/>
	<u>429521</u>	<u>324267</u>	<u>BURGER, CRAIG</u>	2A Doc Num:	

Operator Information:

OGCC Operator Number: 100185 Name of Operator: ENCANA OIL & GAS (USA) INC
 Address: 370 17TH ST STE 1700
 City: DENVER State: CO Zip: 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: 31 Twp: 7S Range: 92W

Inspector Comment:

Pad recently completed. Flowback into 20 frac tanks on location then pumped to J25 pad through surface pipeline.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
271103	WELL	PR	03/13/2013	GW	045-09835	SHDELER 31-11D (531E)	<input checked="" type="checkbox"/>
429517	WELL	PR	02/10/2013	LO	045-21609	Shideler Fee 31-8B (K31E)	<input checked="" type="checkbox"/>
429519	WELL	DG	08/25/2012	OW	045-21610	Shideler Fee 31-6DD (K31E)	<input checked="" type="checkbox"/>
429521	WELL	DG	08/17/2012		045-21612	Shideler 31-5C (K31E)	<input checked="" type="checkbox"/>
429523	WELL	PR	02/13/2013	LO	045-21614	Shideler Fee 31-8C (K31E)	<input checked="" type="checkbox"/>
429525	WELL	DG	08/19/2012		045-21615	Shideler Fee 31-9B (K31E)	<input checked="" type="checkbox"/>
429531	WELL	DG	08/14/2012		045-21617	Shideler Fee 31-5CC (K31E)	<input checked="" type="checkbox"/>
429533	WELL	PR	02/16/2013	LO	045-21619	Shideler Fee 31-11A (K31E)	<input checked="" type="checkbox"/>
429535	WELL	DG	08/15/2012		045-21621	Shideler Fee 31-9BB (K31E)	<input checked="" type="checkbox"/>
429538	WELL	DG	08/20/2012		045-21623	Shideler Fee 31-5BB (K31E)	<input checked="" type="checkbox"/>
429549	WELL	WO	08/01/2012	LO	045-21631	Shideler Fee 31-6D (K31E)	<input checked="" type="checkbox"/>

Equipment:

Location Inventory

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>11</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: <u>11</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: <u>6</u>	Dehydrator Units: _____
Multi-Well Pits: _____	Pigging Station: _____	Flare: <u>1</u>	Fuel Tanks: _____

Location

Signs/Marker:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Unsatisfactory	045-09835 wellhead sign missing.	Install sign to comply with rule 210.d.	05/03/2013
BATTERY	Satisfactory			
TANK LABELS/PLACARDS	Unsatisfactory	Flowback tanks do not have volume and content labels or placards.	Install signs to comply with rule 210.d.	05/03/2013

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

Comment: _____

Corrective Action: _____

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

Equipment:					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Emission Control Device	1	Satisfactory			
Ancillary equipment	20	Satisfactory	Flowback tanks and light plants.		
Flow Line	1	Satisfactory	Surface pipeline for completions operations.		
Bird Protectors	4	Satisfactory			
Vertical Heated Separator	10	Unsatisfactory	No secondary containment at separators.	Provide secondary containment at separators.	05/20/2013
Plunger Lift	11	Satisfactory			
Horizontal Heated Separator	1	Unsatisfactory	No secondary containment at separators.	Provide secondary containment at separators.	05/20/2013
Gas Meter Run	3	Satisfactory			
Gathering Line	1	Satisfactory			

Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	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	5	500 BBLS	STEEL AST	39.540020, -107.692040
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			

Predrill				
Location ID: <u>324267</u>				
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>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>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>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, if are to remain onsite, must also meet the applicable standards of table 910-1.</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>	06/28/2012

Comment: Site berm around completions tanks and additional downgradient berm. Flowback fluids pumped to J25 pad through surface pipeline.

CA:

Date: _____

Wildlife BMPs:

BMP Type	Comment
Interim Reclamation	<p>POST CONSTRUCTION/RECLAMATION</p> <p>Maintenance</p> <p>Revegetation Monitoring</p> <p>BMP maintenance & monitoring</p> <p>Weed Management</p>
Pre-Construction	<p>PRECONSTRUCTION</p> <p>Wattles, Silt Fence, Vegetation Buffers, Slash, Topsoil Windrows (diversions & ROP's), Scheduling, Phased Construction</p>
Wildlife	<p>Wildlife BMPs</p> <p>Minimize the number, length and footprint of oil & gas development roads</p> <p>Use existing routes where possible</p> <p>Combine utility infrastructure planning (gas, electric & water) when possible with roadway planning to avoid separate utility corridors</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-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	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
--------------	--

Comment: Reclamation not yet performed.

CA: _____ **Date:** _____

Stormwater:

Erosion BMPs	Present	Other BMPs	Present

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: 271103 Type: WELL API Number: 045-09835 Status: PR Insp. Status: SI

Idle Well

Purpose: Shut In Temporarily Abandoned Reminder: _____

S/V: _____ CA Date: _____

CA: _____

Comment: Shut in due to drilling and completions operations on the 10 new wells.

Facility ID: 429517 Type: WELL API Number: 045-21609 Status: PR Insp. Status: PR

Producing Well

Comment:

Facility ID: 429519 Type: WELL API Number: 045-21610 Status: DG Insp. Status: PR

Producing Well

Comment:

Facility ID: 429521 Type: WELL API Number: 045-21612 Status: DG Insp. Status: PR

Producing Well

Comment:

Facility ID: 429523 Type: WELL API Number: 045-21614 Status: PR Insp. Status: PR

Producing Well

Comment:

Facility ID: 429525 Type: WELL API Number: 045-21615 Status: DG Insp. Status: PR

Producing Well

Comment:

Facility ID: 429531 Type: WELL API Number: 045-21617 Status: DG Insp. Status: PR

Producing Well

Comment:

Facility ID: 429533 Type: WELL API Number: 045-21619 Status: PR Insp. Status: PR

Producing Well

Comment:

Facility ID: 429535 Type: WELL API Number: 045-21621 Status: DG Insp. Status: PR

Producing Well

Comment:

Facility ID: 429538 Type: WELL API Number: 045-21623 Status: DG Insp. Status: PR

Producing Well

Comment:

Facility ID: 429549 Type: WELL API Number: 045-21631 Status: WO Insp. Status: PR

Producing Well

Comment:

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): 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: Interim reclamation not yet performed.

1003a. Debris removed? Pass CM _____

CA _____ CA Date _____

Waste Material Onsite? Pass CM _____

CA _____ CA Date _____

Unused or unneeded equipment onsite? _____ CM _____

CA _____ CA Date _____

Pit, cellars, rat holes and other bores closed? Pass 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:

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	Pass	Ditches	Pass	MHSP	Pass	
Culverts	Pass	Culverts	Pass			
Sediment Traps	Pass					
Ditches	Pass					

S/U/V: Satisfactory Corrective Date: _____

Comment: Snow cover prevented complete inspection.

CA: