

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



Inspection Date:
07/05/2016
Document Number:
666802329
Overall Inspection:
SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>281409</u>	<u>334156</u>	<u>Murray, Richard</u>	<input type="checkbox"/>	

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-

- 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
Contact, General		cogcc.inspections@encana.com	

Compliance Summary:

QtrQtr: SWSE Sec: 31 Twp: 7S Range: 92W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
04/18/2013	670200352	TA	SI	SATISFACTORY			No
06/04/2008	200192077	PR	PR	SATISFACTORY			No

Inspector Comment:

Action required items noted on previous inspection have been satisfied, Wells with the status of XX have conductor pipe set

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
281406	WELL	AL	06/28/2011	LO	045-11448	SHIDELER FEDERAL 6-3D (031E)	AL	<input type="checkbox"/>
281407	WELL	PR	05/01/2015	GW	045-11449	SHIDELER FEDERAL 6-3 (031E)	PR	<input checked="" type="checkbox"/>
281408	WELL	AL	06/06/2011	LO	045-11450	SHIDELER 31-14A (031E)	AL	<input type="checkbox"/>
281409	WELL	PR	05/09/2013	GW	045-11451	SHIDELER 31-15 (031E)	PR	<input checked="" type="checkbox"/>
430553	WELL	PR	07/31/2013	GW	045-21736	Shideler Fee 31-13C (031E)	PR	<input checked="" type="checkbox"/>
430554	WELL	PR	07/31/2013	GW	045-21737	Shideler Fee 31-13CC (031E)	PR	<input checked="" type="checkbox"/>
430555	WELL	PR	06/04/2013	GW	045-21738	Shideler Fee 6-7D (031E)	PR	<input checked="" type="checkbox"/>
430556	WELL	PR	06/04/2013	GW	045-21739	Shideler Fee 6-3DD (031E)	PR	<input checked="" type="checkbox"/>
430557	WELL	PR	06/04/2013	GW	045-21740	Shideler Fee 6-3AA (031E)	PR	<input checked="" type="checkbox"/>

430558	WELL	PR	06/04/2013	GW	045-21741	Shideler Fee 6-3A (O31E)	PR	X
430559	WELL	PR	07/31/2013	GW	045-21742	Shideler Fee 6-6DD (O31E)	PR	X
430560	WELL	PR	03/01/2014	GW	045-21743	Shideler Fee 6-3D (O31E)	PR	X
430561	WELL	PR	06/04/2013	GW	045-21744	Shideler Fee 6-6D (O31E)	PR	X
430562	WELL	PR	04/30/2013	GW	045-21745	Shideler Fee 6-6A (O31E)	PR	X
433056	WELL	XX	05/13/2016	LO	045-22052	Shideler Fee 31-14DD (O31E)	XX	X
433058	WELL	XX	05/04/2016	LO	045-22053	Shideler Fee 31-16D (O31E)	XX	X
433069	WELL	XX	05/13/2016	LO	045-22054	Shideler Fee 6-8D (O31E)	XX	X
433088	WELL	XX	05/12/2016	LO	045-22055	Shideler Fee 31-12B (O31E)	XX	X
433312	WELL	XX	05/13/2016	LO	045-22057	Shideler Fee 6-8AA (O31E)	XX	X
433313	WELL	XX	05/13/2016	LO	045-22058	Shideler Fee 6-1D (O31E)	XX	X
433314	WELL	XX	05/13/2016	LO	045-22059	Shideler Fee 6-1DD (O31E)	XX	X
433315	WELL	XX	05/04/2016	LO	045-22060	Shideler Fee 31-16DD (O31E)	XX	X
433316	WELL	XX	05/13/2016	LO	045-22061	Shideler Fee 6-1AA (O31E)	XX	X
433317	WELL	XX	05/13/2016	LO	045-22062	Shideler Fee 31-13BB (O31E)	XX	X
433318	WELL	XX	05/04/2016	LO	045-22063	Shideler Fee 31-11C (O31E)	XX	X
433320	WELL	XX	05/13/2016	LO	045-22064	Shideler Fee 6-8A (O31E)	XX	X
433321	WELL	XX	05/04/2016	LO	045-22065	Shideler Fee 31-10C (O31E)	XX	X
433322	WELL	XX	06/18/2013	LO	045-22066	Shideler Fee 31-9D (O31E)	XX	X
433323	WELL	XX	06/18/2013	LO	045-22067	Shideler Fee 31-16A (O31E)	XX	X
433324	WELL	XX	05/13/2016	LO	045-22068	Shideler Fee 31-13B (O31E)	XX	X
433325	WELL	XX	05/13/2016	LO	045-22069	Shideler Fee 31-14D (O31E)	XX	X
433326	WELL	XX	05/04/2016	LO	045-22070	Shideler Fee 31-16AA (O31E)	XX	X
433641	WELL	XX	06/14/2016	GW	045-22101	Shideler Fee 6-1A (O31E)	XX	X

Equipment:Location Inventory

Inspector Name: Murray, Richard

Special Purpose Pits: _____	Drilling Pits: _____	Wells: <u>32</u>	Production Pits: _____
Condensate Tanks: <u>13</u>	Water Tanks: _____	Separators: <u>32</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

Lease Road:

Type	Satisfactory/Action Required	comment	Corrective Action	Date

Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
BATTERY	SATISFACTORY			
WELLHEAD	SATISFACTORY			
TANK LABELS/PLACARDS	SATISFACTORY			

Emergency Contact Number (S/AR): SATISFACTORY Corrective Date: _____

Comment: _____

Corrective Action: _____

Good Housekeeping:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Spills:

Type	Area	Volume	Corrective action	CA Date

Multiple Spills and Releases?

Fencing/:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Equipment:

Type: Horizontal Separator	# 1	Satisfactory/Action Required: SATISFACTORY
Comment		
Corrective Action		
		Date: _____
Type: Vertical Heated Separator	# 12	Satisfactory/Action Required: SATISFACTORY
Comment		
Corrective Action		
		Date: _____
Type: Gas Meter Run	# 1	Satisfactory/Action Required: SATISFACTORY
Comment		

Corrective Action		Date:	
Type: Horizontal Heated Separator	# 1	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action		Date:	
Type: Plunger Lift	# 12	Satisfactory/Action Required:	SATISFACTORY
Comment			
Corrective Action		Date:	

Facilities: New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS
CONDENSATE	6	500 BBLS	STEEL AST	39.540020,-107.692040
S/AR	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	NO
Comment	

Flaring:

Type	Satisfactory/Action Required
Comment:	
Corrective Action:	Correct Action Date:

Predrill

Location ID: 281409

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____

S/AR: _____

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczkod	<p>SITE SPECIFIC COAs:</p> <p>Notify the COGCC 48 hours prior to start of pad construction, rig mobilization, spud, and start of hydraulic stimulation operations using Form 42 (the appropriate COGCC individuals will automatically be email notified, including the LGD for hydraulic stimulation operations).</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 (as shown on the Proposed BMPs attachment); 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>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, if the drill cuttings are to be left onsite, they 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, storage vessel, or lined pit (only if an amended Form 2A has been submitted/approved and a Form 15 Earthen Pit Permitted has been submitted/approved) 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> <p>Berms or other containment devices shall be constructed to be sufficiently impervious (preferably corrugated steel with poly liner) to contain any spilled or released material around crude oil, condensate, and produced water storage tanks.</p>	10/16/2012

S/IAR: SATISFACTORY **Comment:** No drilling or completion being performed at time of inspection

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	(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
Final Reclamation	Maintenance Revegetation Monitoring BMP maintenance & monitoring Weed Management
Pre-Construction	Wattles, Silt Fence, Vegetation Buffers, Slash, Topsoil Windrows (diversions & ROP's), Scheduling, Phased Construction

S/IAR: SATISFACTORY **Comment:** BMPs in place

CA: **Date:**

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: 281407 Type: WELL API Number: 045-11449 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 281409 Type: WELL API Number: 045-11451 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 430553 Type: WELL API Number: 045-21736 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 430554	Type: WELL	API Number: 045-21737	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 430555	Type: WELL	API Number: 045-21738	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 430556	Type: WELL	API Number: 045-21739	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 430557	Type: WELL	API Number: 045-21740	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 430558	Type: WELL	API Number: 045-21741	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 430559	Type: WELL	API Number: 045-21742	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 430560	Type: WELL	API Number: 045-21743	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 430561	Type: WELL	API Number: 045-21744	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 430562	Type: WELL	API Number: 045-21745	Status: PR	Insp. Status: PR
Producing Well				
Comment: Plunger lift				
Facility ID: 433056	Type: WELL	API Number: 045-22052	Status: XX	Insp. Status: XX
Facility ID: 433058	Type: WELL	API Number: 045-22053	Status: XX	Insp. Status: XX
Facility ID: 433069	Type: WELL	API Number: 045-22054	Status: XX	Insp. Status: XX
Facility ID: 433088	Type: WELL	API Number: 045-22055	Status: XX	Insp. Status: XX
Facility ID: 433312	Type: WELL	API Number: 045-22057	Status: XX	Insp. Status: XX

Facility ID: 433313	Type: WELL	API Number: 045-22058	Status: XX	Insp. Status: XX
Facility ID: 433314	Type: WELL	API Number: 045-22059	Status: XX	Insp. Status: XX
Facility ID: 433315	Type: WELL	API Number: 045-22060	Status: XX	Insp. Status: XX
Facility ID: 433316	Type: WELL	API Number: 045-22061	Status: XX	Insp. Status: XX
Facility ID: 433317	Type: WELL	API Number: 045-22062	Status: XX	Insp. Status: XX
Facility ID: 433318	Type: WELL	API Number: 045-22063	Status: XX	Insp. Status: XX
Facility ID: 433320	Type: WELL	API Number: 045-22064	Status: XX	Insp. Status: XX
Facility ID: 433321	Type: WELL	API Number: 045-22065	Status: XX	Insp. Status: XX
Facility ID: 433322	Type: WELL	API Number: 045-22066	Status: XX	Insp. Status: XX
Facility ID: 433323	Type: WELL	API Number: 045-22067	Status: XX	Insp. Status: XX
Facility ID: 433324	Type: WELL	API Number: 045-22068	Status: XX	Insp. Status: XX
Facility ID: 433325	Type: WELL	API Number: 045-22069	Status: XX	Insp. Status: XX
Facility ID: 433326	Type: WELL	API Number: 045-22070	Status: XX	Insp. Status: XX
Facility ID: 433641	Type: WELL	API Number: 045-22101	Status: XX	Insp. Status: XX

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: _____

1003a. Waste and Debris removed? 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 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 _____

Inspector Name: Murray, Richard

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
Retention Ponds	Pass					
Berms	Pass					
		Gravel	Pass			
		Culverts	Pass			
Drains	Pass					
		Sediment Traps	Pass			
		Ditches	Pass			
Rip Rap	Pass					
Gravel	Pass					

S/A/V: SATISFACTOR Y Corrective Date: _____

Comment: _____

CA: _____

Pits: NO SURFACE INDICATION OF PIT