

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:
09/10/2015

Document Number:
666801416

Overall Inspection:
SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>281407</u>	<u>334156</u>	<u>Murray, Richard</u>	<input type="checkbox"/>	

Operator Information:

OGCC Operator Number:	<u>100185</u>
Name of Operator:	<u>ENCANA OIL & GAS (USA) INC</u>
Address:	<u>370 17TH ST STE 1700</u>
City:	<u>DENVER</u> State: <u>CO</u> Zip: <u>80202-</u>

- 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:	<u>SWSE</u>	Sec:	<u>31</u>	Twp:	<u>7S</u>	Range:	<u>92W</u>
Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Action Required	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
06/04/2008	200192076	PR	PR	SATISFACTORY			No

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
281409	WELL	PR	05/09/2013	GW	045-11451	SHIDELER 31-15 (031E)	PR	<input checked="" type="checkbox"/>
281408	WELL	AL	06/06/2011	LO	045-11450	SHIDELER 31-14A (031E)	AL	<input type="checkbox"/>
281407	WELL	PR	05/01/2015	GW	045-11449	SHIDELER FEDERAL 6-3 (031E)	PR	<input checked="" type="checkbox"/>
281406	WELL	AL	06/28/2011	LO	045-11448	SHIDELER FEDERAL 6-3D (031E)	AL	<input type="checkbox"/>
430553	WELL	PR	07/31/2013	GW	045-21736	Shideler Fee 31-13C (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 (031E)	PR	<input checked="" type="checkbox"/>
430559	WELL	PR	07/31/2013	GW	045-21742	Shideler Fee 6-6DD (031E)	PR	<input checked="" type="checkbox"/>
430560	WELL	PR	03/01/2014	GW	045-21743	Shideler Fee 6-3D (031E)	PR	<input checked="" type="checkbox"/>
430561	WELL	PR	06/04/2013	GW	045-21744	Shideler Fee 6-6D (031E)	PR	<input checked="" type="checkbox"/>

430562	WELL	PR	04/30/2013	GW	045-21745	Shideler Fee 6-6A (O31E)	PR	<input checked="" type="checkbox"/>
430554	WELL	PR	07/31/2013	GW	045-21737	Shideler Fee 31-13CC (O31E)	PR	<input checked="" type="checkbox"/>
430555	WELL	PR	06/04/2013	GW	045-21738	Shideler Fee 6-7D (O31E)	PR	<input checked="" type="checkbox"/>
430556	WELL	PR	06/04/2013	GW	045-21739	Shideler Fee 6-3DD (O31E)	PR	<input checked="" type="checkbox"/>
433056	WELL	XX	05/24/2013	LO	045-22052	Shideler Fee 31-14DD (O31E)	XX	<input type="checkbox"/>
433058	WELL	XX	05/24/2013	LO	045-22053	Shideler Fee 31-16D (O31E)	XX	<input type="checkbox"/>
433069	WELL	XX	05/24/2013	LO	045-22054	Shideler Fee 6-8D (O31E)	XX	<input type="checkbox"/>
433088	WELL	XX	05/24/2013	LO	045-22055	Shideler Fee 31-12B (O31E)	XX	<input type="checkbox"/>
433312	WELL	XX	06/18/2013	LO	045-22057	Shideler Fee 6-8AA (O31E)	XX	<input type="checkbox"/>
433316	WELL	XX	06/18/2013	LO	045-22061	Shideler Fee 6-1AA (O31E)	XX	<input type="checkbox"/>
433317	WELL	XX	06/18/2013	LO	045-22062	Shideler Fee 31-13BB (O31E)	XX	<input type="checkbox"/>
433318	WELL	XX	06/18/2013	LO	045-22063	Shideler Fee 31-11C (O31E)	XX	<input type="checkbox"/>
433320	WELL	XX	06/18/2013	LO	045-22064	Shideler Fee 6-8A (O31E)	XX	<input type="checkbox"/>
433321	WELL	XX	06/18/2013	LO	045-22065	Shideler Fee 31-10C (O31E)	XX	<input type="checkbox"/>
433322	WELL	XX	06/18/2013	LO	045-22066	Shideler Fee 31-9D (O31E)	XX	<input type="checkbox"/>
433323	WELL	XX	06/18/2013	LO	045-22067	Shideler Fee 31-16A (O31E)	XX	<input type="checkbox"/>
433324	WELL	XX	06/18/2013	LO	045-22068	Shideler Fee 31-13B (O31E)	XX	<input type="checkbox"/>
433325	WELL	XX	06/18/2013	LO	045-22069	Shideler Fee 31-14D (O31E)	XX	<input type="checkbox"/>
433326	WELL	XX	06/18/2013	LO	045-22070	Shideler Fee 31-16AA (O31E)	XX	<input type="checkbox"/>
433313	WELL	XX	06/18/2013	LO	045-22058	Shideler Fee 6-1D (O31E)	XX	<input type="checkbox"/>
433314	WELL	XX	06/18/2013	LO	045-22059	Shideler Fee 6-1DD (O31E)	XX	<input type="checkbox"/>
433315	WELL	XX	06/18/2013	LO	045-22060	Shideler Fee 31-16DD (O31E)	XX	<input type="checkbox"/>
433641	WELL	XX	07/21/2013	GW	045-22101	Shideler Fee 6-1A (O31E)	XX	<input type="checkbox"/>

Equipment:

Location Inventory

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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

Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
BATTERY	SATISFACTORY			

Emergency Contact Number (S/A/V): SATISFACTORY Corrective Date: _____
 Comment: _____
 Corrective Action: _____

Spills:

Type	Area	Volume	Corrective action	CA Date
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Multiple Spills and Releases?

Equipment:

Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Plunger Lift	12	SATISFACTORY			
Horizontal Heated Separator	1	SATISFACTORY			
Emission Control Device	1	SATISFACTORY			
Ancillary equipment	1	SATISFACTORY	Blow down tank		
Gas Meter Run	1	SATISFACTORY			
Horizontal Separator	1	SATISFACTORY			
Vertical Heated Separator	12	SATISFACTORY			

Venting:

Yes/No	Comment

Flaring:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 281407

Site Preparation:

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

S/A/V: _____

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

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

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: 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**

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. Debris removed? Pass CM _____

CA _____ CA Date _____

Waste Material Onsite? In CM **Drill cutting on site**

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? _____ 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? _____

Inspector Name: Murray, Richard

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
Retention Ponds	Pass					
		Ditches	Pass			
		Culverts	Pass			
Ditches	Pass					
Seeding	Pass					
Gravel	Pass					
Berms	Pass					
		Gravel	Pass			

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

Comment:

CA:

Pits: NO SURFACE INDICATION OF PIT