FORM INSP Rev 05/11

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109

FIELD INSPECTION FORM

DE	ET	OE	ES

Inspection Date: 03/20/2012

Document Number: 663800209

Overall Inspection: Satisfactory

Location Identifier	Facility ID	Loc ID	Tracking Type	Inspector Name:
	421145	335806		LONGWORTH, MIKE

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
Friesen, Kathy	970-285-2665	Kathy.Friesen@EnCana.com	

Compliance Summary:

QtrQtr: SESE Sec: 27 Twp: 5S Range: 95W

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
280076	WELL	PR	01/30/2006	GW	045-11175	N. PARACHUTE EF08B P27 595	X
280107	WELL	AL	10/13/2011	LO	045-11191	N.PARACHUTE EF09B P27 595	X
280653	WELL	AL	10/13/2011	LO	045-11305	N.PARACHUTE EF14D P27 595	X
280654	WELL	XX	10/17/2005	LO	045-11306	N.PARACHUTE EF15D P27 595	
280655	WELL	XX	10/17/2005	LO	045-11307	N.PARACHUTE EF16D P27 595	
280656	WELL	AL	10/13/2011	LO	045-11308	N. PARACHUTE EF01D P27 595	X
280657	WELL	XX	10/17/2005	LO	045-11309	N.PARACHUTE EF16B P27 595	
280658	WELL	AL	01/06/2011	LO	045-11310	N.PARACHUTE EF08D P27 595	X
280659	WELL	AL	10/13/2011	LO	045-11311	N.PARACHUTE EF02B P27 595	X
280660	WELL	XX	10/17/2005	LO	045-11312	N.PARACHUTE EF02D P27 595	
280661	WELL	AL	10/13/2011	LO	045-11313	N.PARACHUTE EF01B P27 595	X
280728	WELL	AL	10/13/2011	LO	045-11336	N.PARACHUTE EF15B P27 595	X
335806	LOCATION	AC	04/14/2009		-	N. Parachute EF P27 595	
421110	WELL	XX	01/09/2011		045-20282	N. Parachute EF08D-34 P27595	X

421111	WELL	XX	01/09/2011		045-20283	N. Parachute EF14F-27 P27595	X
421112	WELL	XX	01/09/2011		045-20284	N. Parachute EF01E-34 P27595	X
421113	WELL	XX	01/09/2011		045-20285	N. Parachute EF16F-27 P27595	X
421114	WELL	XX	01/09/2011		045-20286	N. Parachute EF11F-27 P27595	
421115	WELL	XX	01/09/2011		045-20287	N. Parachute EF08B-34 P27595	X
421116	WELL	XX	01/09/2011		045-20288	N. Parachute EF08A-34 P27595	X
421117	WELL	XX	01/09/2011		045-20289	N. Parachute EF01C-34 P27595	X
421118	WELL	XX	01/09/2011		045-20290	N. Parachute EF11D-27 P27595	X
421119	WELL	XX	01/09/2011		045-20291	N. Parachute EF14A-27 P27595	
421120	WELL	XX	01/09/2011		045-20292	N. Parachute EF09F-27 P27 59	
421121	WELL	XX	01/09/2011		045-20293	N. Parachute EF14B-27 P27595	X
421122	WELL	XX	01/09/2011		045-20294	N. Parachute EF16C-27 P27595	
421123	WELL	XX	01/09/2011		045-20295	N. Parachute EF16D-27 P27595	X
421124	WELL	XX	01/09/2011		045-20296	N. Parachute EF16E-27 P27595	X
421125	WELL	XX	01/09/2011		045-20297	N. Parachute EF01F-34 P27595	X
421126	WELL	XX	01/09/2011		045-20298	N. Parachute EF01A-34 P27595	X
421127	WELL	XX	01/09/2011		045-20299	N. Parachute EF09E-27 P27595	
421128	WELL	XX	01/09/2011		045-20300	N. Parachute EF16A-27 P27595	
421129	WELL	XX	01/09/2011		045-20301	N. Parachute EF11E-27 P27595	
421145	WELL	XX	01/09/2011		045-20315	N. Parachute EF08E-34 P27595	X
421147	WELL	XX	01/09/2011		045-20317	N. Parachute EF14E-27 P27595	X
421148	WELL	XX	01/09/2011		045-20318	N. Parachute EF08F-34 P27595	X
421149	WELL	XX	01/09/2011		045-20319	N. Parachute EF14D-27 P27595	
421150	WELL	XX	01/09/2011		045-20320	N. Parachute EF16B-27 P27595	
421152	WELL	XX	01/09/2011		045-20322	N. Parachute EF01B-34 P27595	X
421153	WELL	XX	01/09/2011		045-20323	N. Parachute EF09D-27 P27595	
421154	WELL	XX	01/09/2011		045-20324	N. Parachute EF01D-34 P27595	X
422723	WELL	XX	04/17/2011		045-20613	N. Parachute EF WDW16B P27 595	

Inspector Name: LONGWORTH, MIKE

Equipment: Location Inventory

Special Purpose Pits:	1	Drilling Pits:	1	Wells:	30	Production Pits:	
Condensate Tanks:		Water Tanks:	100	Separators:	28	Electric Motors:	3
Gas or Diesel Mortors:	13	Cavity Pumps:		LACT Unit:		Pump Jacks:	
Electric Generators:	3	Gas Pipeline:	2	Oil Pipeline:		Water Pipeline:	1
Gas Compressors:		VOC Combustor:		Oil Tanks:		Dehydrator Units:	
Multi-Well Pits:		Pigging Station:		Flare:	1	Fuel Tanks:	1

Location

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

Comment:

Corrective Action:

Spills:

Type	Area	Volume	Corrective action	CA Date

☐ Multilple Spills and Releases?

Venting:

Yes/No	Comment

Flaring:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 335806

Site Preparation:

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

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

Form 2A COAs:

Group	User	Comment	Date
OGLA	kubeczkod	Operator will use adequately sized containment devices for all chemicals and/or hazardous materials stored or used on location.	10/11/2010
OGLA	kubeczkod	Operator must ensure 110 percent 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 and frac pad locations will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition.	10/11/2010
OGLA	kubeczkod	Location is in a sensitive area because of its proximity to surface water; therefore, operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations.	10/11/2010

OGLA	kubeczkod	GENERAL SITE COAs: Flowback to tanks only. Flowback and stimulation fluids shall be contained within tanks that are placed on the frac pad in an area with additional downgradient perimeter berming. Operator must submit a secondary and tertiary containment plan via sundry notice Form 4 for the tanks to Dave Kubeczko. Operator must obtain approval of the plan prior to fracing flowback operations. Berms or other containment devices shall be constructed in compliance with Rule 604.a.(4) around crude oil, condensate, and produced water storage tanks. 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. No portion of any pit that will be used to hold liquids shall be constructed on fill material, unless the pit and fill slope are designed and subject to review and approval by the director prior to construction of the pit. The construction and lining of the pit shall be supervised by a professional engineer or their agent. The entire base of the pit must be in cut. The access road will be constructed as to not allow any sediment to migrate from the access road to nearby surface water or any drainages leading to surface water. The location is in an area of high runoff/run-on potential from the proposed pad area; therefore the pad expansion shall be constructed as quickly as possible and appropriate BMPs need to be in place both during and after well pad expansion construction, as well as during all drilling and well completion operations. Standard stormwater BMPs must be implemented at this location to insure compliance with CDPHE and COGCC requirements and to prevent any stormwater run-on and /or stormwater runoff. Slopes with potential for runoff should be stabilized immediately following pad construction. Operator will conduct regular inspections of equipment for leaks and equipment problems with appropriate documentation retained in the operator’s office. All equipment deficiencies shall be corrected. Monitoring should end approximately 30 days after well completion and/or after production has been stabilized; however, timely inspections should continue during the production phase. Operator will use adequately sized containment devices for all chemicals and/or hazardous materials stored or used on location.	04/05/2011
OGLA	kubeczkod	Operator must implement best management practices to contain any unintentional release of fluids.	10/11/2010
OGLA	kubeczkod	Operator will conduct regular inspections of equipment for leaks and equipment problems with appropriate documentation retained in the operator’s office. All equipment deficiencies shall be corrected. Monitoring should end approximately 30 days after well completion and/or after production has been stabilized; however, timely inspections should continue during the production phase.	10/11/2010
OGLA	kubeczkod	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.	10/11/2010

OGLA	kubeczkod	Location is in a sensitive area because of shallow groundwater; therefore either a lined drilling pit or a closed loop system (which EnCana has already indicated on the Form 2A) must be implemented.	10/11/2010
OGLA	kubeczkod	WATER RESOURCE PROTECTION COAs: Location is in a sensitive area because of its proximity to surface water; therefore, must ensure 110 percent 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 and frac pad locations will be stabilized, inspected at regular intervals (at least every 14 days), and maintained in good condition. Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines. Location is in a sensitive area because of shallow groundwater; therefore either a lined drilling pit or a closed loop system (which EnCana has already indicated on the Form 2A) must be implemented.	04/05/2011
OGLA	kubeczkod	If fluids are conveyed via pipeline, operator must implement best management practices to contain any unintentional release of fluids.	10/11/2010
OGLA	kubeczkod	No portion of any pit that will be used to hold liquids shall be constructed on fill material, unless the pit and fill slope are designed and subject to review and approval by the director prior to construction of the pit. The construction and lining of the pit shall be supervised by a professional engineer or their agent. The entire base of the pit must be in cut.	10/11/2010
OGLA	kubeczkod	Flowback to tanks only. Flowback and stimulation fluids shall be contained within tanks that are placed on the frac pad in an area with additional downgradient perimeter berming. Operator must submit a secondary and tertiary containment plan via sundry notice Form 4 for the tanks to Dave Kubeczko. Operator must obtain approval of the plan prior to fracing flowback operations.	10/11/2010
OGLA	kubeczkod	The location is in an area of high runoff/run-on potential from the proposed pad area; therefore the pad expansion shall be constructed as quickly as possible and appropriate BMPs need to be in place both during and after well pad expansion construction, as well as during all drilling and well completion operations. Standard stormwater BMPs must be implemented at this location to insure compliance with CDPHE and COGCC requirements and to prevent any stormwater run-on and /or stormwater runoff. Slopes with potential for runoff should be stabilized immediately following pad construction.	10/11/2010

Wildlife BMPs:

Stormwater:

Comment: _____

Staking:

On Site Inspection (305):

Surface Owner Contact Information:

Name: _____ Address: _____

Phone Number: _____ Cell Phone: _____

Inspector Name: LONGWORTH, MIKE

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:

Well

Facility ID:	280076	API Number:	045-11175	Status:	PR	Insp. Status:	PR
Facility ID:	280107	API Number:	045-11191	Status:	AL	Insp. Status:	AL
Facility ID:	280653	API Number:	045-11305	Status:	AL	Insp. Status:	AL
Facility ID:	280656	API Number:	045-11308	Status:	AL	Insp. Status:	AL
Facility ID:	280658	API Number:	045-11310	Status:	AL	Insp. Status:	AL
Facility ID:	280659	API Number:	045-11311	Status:	AL	Insp. Status:	AL
Facility ID:	280661	API Number:	045-11313	Status:	AL	Insp. Status:	AL
Facility ID:	280728	API Number:	045-11336	Status:	AL	Insp. Status:	AL
Facility ID:	421110	API Number:	045-20282	Status:	XX	Insp. Status:	WO
Facility ID:	421111	API Number:	045-20283	Status:	XX	Insp. Status:	DG
Facility ID:	421112	API Number:	045-20284	Status:	XX	Insp. Status:	WO
Facility ID:	421113	API Number:	045-20285	Status:	XX	Insp. Status:	WO
Facility ID:	421115	API Number:	045-20287	Status:	XX	Insp. Status:	WO
Facility ID:	421116	API Number:	045-20288	Status:	XX	Insp. Status:	WO
Facility ID:	421117	API Number:	045-20289	Status:	XX	Insp. Status:	WO
Facility ID:	421118	API Number:	045-20290	Status:	XX	Insp. Status:	WO
Facility ID:	421121	API Number:	045-20293	Status:	XX	Insp. Status:	WO

Inspector Name: LONGWORTH, MIKE

Facility ID:	421123	API Number:	045-20295	Status:	XX	Insp. Status:	WO
Facility ID:	421124	API Number:	045-20296	Status:	XX	Insp. Status:	WO
Facility ID:	421125	API Number:	045-20297	Status:	XX	Insp. Status:	WO
Facility ID:	421126	API Number:	045-20298	Status:	XX	Insp. Status:	WO
Facility ID:	421145	API Number:	045-20315	Status:	XX	Insp. Status:	WO

Well Stimulation

Stimulation Company: Maverick
Stimulation Type: HYDRAULIC FRAC
Other: slick water no sand

Observation:

Maximum Casing Recorded: 6116 PSI
Tubing:
Surface:
Intermediate:
Production:
Instantaneous Shut-In Pressure (ISIP): 4027
Bradenhead Psi: 0
Frac Flow Back: Fluid: Gas:

Facility ID:	421147	API Number:	045-20317	Status:	XX	Insp. Status:	WO
Facility ID:	421148	API Number:	045-20318	Status:	XX	Insp. Status:	WO
Facility ID:	421152	API Number:	045-20322	Status:	XX	Insp. Status:	WO

Well Drilling

Rig: Rig Name: Pat 306
Pusher/Rig Manager: Floyd
Permit Posted: Satisfactory
Access Sign: Satisfactory

Well Control Equipment:

Pipe Ram:
Blind Ram:
Hydril Type:
Pressure Test BOP: Pass
Test Pressure PSI:
Safety Plan: YES

Drill Fluids Management:

Lined Pit:
Unlined Pit:
Closed Loop:
Semi-Closed Loop:
Multi-Well: YES
Disposal Location:

Comment:

Facility ID:	421154	API Number:	045-20324	Status:	XX	Insp. Status:	WO

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 :

Inspector Name: LONGWORTH, MIKE

Field Parameters:

Sample 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:

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? _____

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:

Inspector Name: LONGWORTH, MIKE

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

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

S/U/V: _____ Corrective Date: _____

Comment: _____

CA: _____

Attached Documents

You can go to COGCC Images (https://cogcc.state.co.us/weblink/) and search by document number:

Document Num	Description	URL
663800209	INSPECTION APPROVED	http://cogcc.state.co.us/weblink/DownloadDocumentPDF.aspx?DocumentId=2898604