Inspector Name: GRANAHAN, KYLE

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: 06/20/2014

Document Number: 675100097

Overall Inspection: SATISFACTORY

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	414231	414231	GRANAHAN, KYLE	☐	

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	
Kellerby, Shaun		shaun.kellerby@state.co.us	

Compliance Summary:

QtrQtr: 9 Sec: 4 Twp: 6S Range: 96W

Inspector Comment:

Location has not been built.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
414190	WELL	AL	07/25/2013	LO	045-18789	N.PARACHUTE MF12B-3 O04 696	AL	☒
414191	WELL	AL	09/25/2013	LO	045-18790	N. Parachute MF15D-4 O04 696	AL	☒
414192	WELL	AL	09/25/2013	LO	045-18791	N. Parachute MF18B-4 O04 696	AL	☒
414193	WELL	XX	07/30/2013	LO	045-18801	N. Parachute MF11E-3 O04 696	XX	☒
414194	WELL	XX	07/30/2013	LO	045-18800	N. Parachute MF14A-3 O04 696	XX	☒
414195	WELL	AL	09/25/2013	LO	045-18799	N.Parachute MF15A-4 O04 696	AL	☒
414196	WELL	XX	07/30/2013	LO	045-18798	N. Parachute MF06A-3 O04 696	XX	☒
414197	WELL	XX	07/30/2013	LO	045-18797	N. Parachute MF06E-3 O04 696	XX	☒
414198	WELL	AL	07/25/2013	LO	045-18796	N.PARACHUTE MF11A-3 O04 696	AL	☒
414199	WELL	XX	07/30/2013	LO	045-18795	N. Parachute MF06C-3 O04 696	XX	☒
414200	WELL	AL	09/25/2013	LO	045-18802	N. Parachute DHN7B-31 O04696	AL	☒

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414201	WELL	XX	07/30/2013	LO	045-18794	N. Parachute MF14C-3 O04 696	XX	X
414202	WELL	XX	07/30/2013	LO	045-18803	N. Parachut MF01D-9 O04 696	XX	X
414203	WELL	XX	07/30/2013	LO	045-18793	N. Parachute MF11B-3 O04 696	XX	X
414204	WELL	XX	07/30/2013	LO	045-18804	N. Parachute MF11D-3 O04 696	XX	X
414205	WELL	XX	08/01/2013	LO	045-18792	N. Parachute MF20F-3 O04 696	XX	X
414206	WELL	XX	07/30/2013	LO	045-18805	N. Parachute MF11G-3 O04 696	XX	X
414207	WELL	AL	09/25/2013	LO	045-18806	N. Parachute DHS8B-9 O04 696	AL	X
414208	WELL	AL	07/25/2013	LO	045-18807	N.PARACHUTE MF06D-3 O04 696	AL	X
414209	WELL	XX	08/01/2013	LO	045-18813	N. Parachute MF14E-3 O04 696	XX	X
414210	WELL	AL	07/25/2013	LO	045-18808	N.PARACHUTE MF05C-3 O04 696	AL	X
414211	WELL	XX	08/01/2013	LO	045-18814	N. Parachute MF14D-3 O04 696	XX	X
414212	WELL	XX	07/30/2013	LO	045-18809	N. Parachute MF06B-3 O04 696	XX	X
414213	WELL	AL	09/25/2013	LO	045-18815	N. Parachute MF02A-9 O04 696	AL	X
414214	WELL	AL	07/25/2013	LO	045-18810	N. PARACHUTE MF16A-4 O04 696	AL	X
414215	WELL	XX	08/01/2013	LO	045-18816	N. Parachute MF19C-3 O04 696	XX	X
414216	WELL	AL	07/25/2013	LO	045-18811	N. PARACHUTE MF16C-4 O04 696	AL	X
414217	WELL	XX	08/01/2013	LO	045-18812	N. Parachute MF19A-3 O04 696	XX	X
414218	WELL	XX	08/01/2013	LO	045-18817	N. Parachute MF19E-3 O04 696	XX	X
414219	WELL	XX	08/01/2013	LO	045-18818	N. Parachute MF19D-3 O04-696	XX	X
414220	WELL	XX	07/30/2013	LO	045-18819	N. Parachute MF08B-9 O04 696	XX	X
414221	WELL	XX	07/30/2013	LO	045-18820	N. Parachute MF11A-3 O04 696	XX	X

Equipment:

Location Inventory

Special Purpose Pits:		Drilling Pits:		Wells:	32	Production Pits:	
Condensate Tanks:	1	Water Tanks:	1	Separators:	8	Electric Motors:	
Gas or Diesel Mortors:		Cavity Pumps:		LACT Unit:		Pump Jacks:	
Electric Generators:		Gas Pipeline:	2	Oil Pipeline:		Water Pipeline:	1
Gas Compressors:		VOC Combustor:		Oil Tanks:		Dehydrator Units:	
Multi-Well Pits:		Pigging Station:		Flare:		Fuel Tanks:	

Location

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

Inspector Name: GRANAHAN, KYLE

Comment:

Corrective Action:

Spills:

Type	Area	Volume	Corrective action	CA Date

☐ Multilple Spills and Releases?

Venting:

Yes/No	Comment

Flaring:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 414231

Site Preparation:

Lease Road Adeq.: Pads: Soil Stockpile:

S/A/V:

Corrective Action: Date: CDP Num.:

Form 2A COAs:

Inspector Name: GRANAHAN, KYLE

Group	User	Comment	Date
OGLA	kubeczkod	SITE SPECIFIC COAs: 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 location will be stabilized, inspected at regular intervals, and maintained in good condition. The access road will be constructed to prevent sediment migration from the access road to nearby surface water or any drainages leading to other nearby surface waters. Strategically apply fugitive dust control measures, including enforcing established speed limits on private roads, to reduce fugitive dust and coating of vegetation and deposition in water sources. Well pad and access road to the well pad will be gravel surfaced. Operator must install adequately sized culverts that cross any drainages leading to the stream. Operator must ensure secondary containment for any potential volume of fluids that may be released from the pad/access road in the vicinity of all stream, intermittent stream, ditch, and drainage crossings. The location is in an area of high runoff/run-on potential from the proposed pad area to the north; therefore the pad shall be constructed as quickly as possible and appropriate BMPs need to be in place both during and after well pad 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. Because of proximity of the well pad to both nearby surface water and steep slopes to the north, operator will grade the well pad surface to slope away from the stream towards a central collection point on the well pad. Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines or buried permanent pipelines. 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. 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.	08/29/2011
Permit	westerdb	Changed distance to property line to 2222' per operator's instructions and attached OTHER plat.	09/09/2011

S/A/V: _____ **Comment:** _____

CA: _____ **Date:** _____

Wildlife BMPs:

BMP Type	Comment
Storm Water/Erosion Control	• Maintain a minimum of five feet of soil cover between the pipeline and the lowest point of the drainage or water body channel. • Install pipeline crossings at right angles to the drainages, wetlands and perennial water bodies, where appropriate, economically and technically feasible.
Construction	• Use solar panels as an alternative energy source for on-location production equipment, where appropriate, economically and technically feasible. • Use multiple gathering lines placed in a single trench to minimize disturbance and construction, where appropriate, economically and technically feasible. • Install trench plugs (sloped to allow wildlife or livestock to exit the trench should they enter) at known wildlife or livestock trails to allow safe crossing on long spans of open trench, where appropriate, economically and technically feasible. • Use solar panels as an alternative energy source for on-location production equipment, where appropriate, economically and technically feasible. • Use multiple gathering lines placed in a single trench to minimize disturbance and construction, where appropriate, economically and technically feasible. • Install trench plugs (sloped to allow wildlife or livestock to exit the trench should they enter) at known wildlife or livestock trails to allow safe crossing on long spans of open trench, where appropriate, economically and technically feasible.
Wildlife	• Prohibit Encana employees and contractors from carrying projectile weapons. Except during company organized events. • Prohibit pets on property. • Strategically apply fugitive dust control measures, including enforcing established speed limits on Encana private roads, to reduce fugitive dust and coating of vegetation and deposition in water sources • Perform biological surveys (on-site) for each new development, using the most recent data sets for wildlife and aquatic resources. • Utilize the Encana Wildlife Resources Matrix to identify and document (where appropriate) potential impacts or concerns during the project planning phase for proposed drilling operations and construction of roads, pads and pipelines.

S/A/V: _____ **Comment:** _____

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:	414190	Type:	WELL	API Number:	045-18789	Status:	AL	Insp. Status:	AL
Facility ID:	414191	Type:	WELL	API Number:	045-18790	Status:	AL	Insp. Status:	AL
Facility ID:	414192	Type:	WELL	API Number:	045-18791	Status:	AL	Insp. Status:	AL
Facility ID:	414193	Type:	WELL	API Number:	045-18801	Status:	XX	Insp. Status:	XX
Facility ID:	414194	Type:	WELL	API Number:	045-18800	Status:	XX	Insp. Status:	XX
Facility ID:	414195	Type:	WELL	API Number:	045-18799	Status:	AL	Insp. Status:	AL
Facility ID:	414196	Type:	WELL	API Number:	045-18798	Status:	XX	Insp. Status:	XX
Facility ID:	414197	Type:	WELL	API Number:	045-18797	Status:	XX	Insp. Status:	XX
Facility ID:	414198	Type:	WELL	API Number:	045-18796	Status:	AL	Insp. Status:	AL
Facility ID:	414199	Type:	WELL	API Number:	045-18795	Status:	XX	Insp. Status:	XX
Facility ID:	414200	Type:	WELL	API Number:	045-18802	Status:	AL	Insp. Status:	AL
Facility ID:	414201	Type:	WELL	API Number:	045-18794	Status:	XX	Insp. Status:	XX
Facility ID:	414202	Type:	WELL	API Number:	045-18803	Status:	XX	Insp. Status:	XX
Facility ID:	414203	Type:	WELL	API Number:	045-18793	Status:	XX	Insp. Status:	XX
Facility ID:	414204	Type:	WELL	API Number:	045-18804	Status:	XX	Insp. Status:	XX
Facility ID:	414205	Type:	WELL	API Number:	045-18792	Status:	XX	Insp. Status:	XX
Facility ID:	414206	Type:	WELL	API Number:	045-18805	Status:	XX	Insp. Status:	XX
Facility ID:	414207	Type:	WELL	API Number:	045-18806	Status:	AL	Insp. Status:	AL
Facility ID:	414208	Type:	WELL	API Number:	045-18807	Status:	AL	Insp. Status:	AL
Facility ID:	414209	Type:	WELL	API Number:	045-18813	Status:	XX	Insp. Status:	XX
Facility ID:	414210	Type:	WELL	API Number:	045-18808	Status:	AL	Insp. Status:	AL
Facility ID:	414211	Type:	WELL	API Number:	045-18814	Status:	XX	Insp. Status:	XX

Facility ID:	414212	Type:	WELL	API Number:	045-18809	Status:	XX	Insp. Status:	XX
Facility ID:	414213	Type:	WELL	API Number:	045-18815	Status:	AL	Insp. Status:	AL
Facility ID:	414214	Type:	WELL	API Number:	045-18810	Status:	AL	Insp. Status:	AL
Facility ID:	414215	Type:	WELL	API Number:	045-18816	Status:	XX	Insp. Status:	XX
Facility ID:	414216	Type:	WELL	API Number:	045-18811	Status:	AL	Insp. Status:	AL
Facility ID:	414217	Type:	WELL	API Number:	045-18812	Status:	XX	Insp. Status:	XX
Facility ID:	414218	Type:	WELL	API Number:	045-18817	Status:	XX	Insp. Status:	XX
Facility ID:	414219	Type:	WELL	API Number:	045-18818	Status:	XX	Insp. Status:	XX
Facility ID:	414220	Type:	WELL	API Number:	045-18819	Status:	XX	Insp. Status:	XX
Facility ID:	414221	Type:	WELL	API Number:	045-18820	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): _____

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:

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:

Inspector Name: GRANAHAN, KYLE

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

S/A/V: Corrective Date:

Comment:

CA:

Pits: NO SURFACE INDICATION OF PIT