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

FIELD INSPECTION FORM

DE	ET	OE	ES

Inspection Date: 10/03/2013

Document Number: 663902261

Overall Inspection: **Unsatisfactory**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	424630	424630	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
KELLERBY, SHAUN		shaun.kellerby@state.co.us	
Insp., General	970-285-2665	cogcc.inspections@encana.com	

Compliance Summary:

QtrQtr: Lot 4 Sec: 36 Twp: 4S Range: 96W

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
424642	WELL	DG	08/13/2012		045-20914	STORY GULCH 8504D-36 D36496	X
424645	WELL	PR	07/12/2013		045-20915	STORY GULCH 2804A-36 D36496	X
424646	WELL	DG	04/11/2013	LO	045-20916	STORY GULCH 8507A-35 D36496	X
424647	WELL	DG	08/16/2012		045-20917	STORY GULCH 8502D-35 D3649	X
424652	WELL	DG	05/13/2013	LO	045-20918	STORY GULCH 8512E-36 D36496	X
424653	WELL	DG	08/26/2012		045-20919	STORY GULCH 8504B-36 D36496	X
424655	WELL	PR	07/12/2013		045-20920	STORY GULCH 8513E-25 D36496	X
424656	WELL	DG	04/11/2013	LO	045-20921	STORY GULCH 8507B-35 D36496	X
424657	WELL	DG	04/11/2013	LO	045-20922	STORY GULCH 8512D-36 D36496	X
424658	WELL	PR	06/14/2013		045-20923	STORY GULCH 8515E-25 D36496	X
424659	WELL	DG	08/23/2012		045-20924	STORY GULCH 8504C-36 D36496	X
424661	WELL	DG	08/28/2012		045-20925	STORY GULCH 8502B-35 D36496	X

Inspector Name: LONGWORTH, MIKE

424662	WELL	DG	05/13/2013	LO	045-20926	STORY GULCH 8513A-36 D36496	X
424663	WELL	PR	07/12/2013		045-20927	STORY GULCH 8502A-35 D36496	X
424664	WELL	PR	07/12/2013	OW	045-20928	STORY GULCH 8515E-26 D36496	X
424665	WELL	DG	05/13/2013	LO	045-20929	STORY GULCH 8513B-36 D36496	X
424666	WELL	PR	06/14/2013		045-20930	STORY GULCH 8513D-25 D36496	X
424668	WELL	DG	04/11/2013	LO	045-20931	STORY GULCH 8507E-35 D36496	X
424672	WELL	DG	08/20/2012		045-20932	STORY GULCH 8502C-35 D 36 4	X
424673	WELL	DG	08/11/2012	OW	045-20933	STORY GULCH 8504E-36 D36496	X
424674	WELL	PR	06/14/2013		045-20934	STORY GULCH 8515D-25 D35496	X
424676	WELL	DG	05/13/2013	LO	045-20935	STORY GULCH 8512C-36D36496	X
424677	WELL	DG	05/13/2013	LO	045-20936	STORY GULCH 8512A-36 D36496	X
424678	WELL	DG	04/11/2013	LO	045-20937	STORY GULCH 8507C-35 D36496	X
424679	WELL	PR	06/14/2013		045-20938	STORY GULCH 8515D-26 D36496	X
424680	WELL	DG	05/13/2013	LO	045-20939	STORY GULCH 8513C-36 D36496	X
424684	WELL	DG	05/13/2013	LO	045-20940	STORY GULCH 8512B-36 D36496	X
424687	WELL	DG	08/06/2012		045-20941	STORY GULCH 8502E-35 D36496	X

Equipment:

Location Inventory

Special Purpose Pits:		Drilling Pits:	1	Wells:	28	Production Pits:	
Condensate Tanks:		Water Tanks:	4	Separators:	28	Electric Motors:	6
Gas or Diesel Mortors:	5	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:	2

Location

Lease Road:

Type	Satisfactory/Unsatisfactory	comment	Corrective Action	Date
Access	Satisfactory			
Main	Satisfactory			

Signs/Marker:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
TANK LABELS/PLACARDS	Unsatisfactory	No signs or labels on tanks	Install sign to comply with rule 210.d.	**10/04/2013**
WELLHEAD	Satisfactory			

Inspector Name: LONGWORTH, MIKE

CONTAINERS	Satisfactory			
BATTERY	Satisfactory			

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

Comment:

Corrective Action:

Spills:

Type	Area	Volume	Corrective action	CA Date

☐ Multilple Spills and Releases?

Equipment:

Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Plunger Lift	20	Satisfactory			
Plunger Lift	8	Satisfactory			
Gas Meter Run	5	Satisfactory	Meter sheds.		

Venting:

Yes/No	Comment

Flaring:

Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date

Predrill

Location ID: 424630

Site Preparation:

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

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

Form 2A COAs:

Inspector Name: LONGWORTH, MIKE

Group	User	Comment	Date
OGLA	kubeczkod	SITE SPECIFIC COAs: Reserve pit (or any other pit used to contain/hold fluids) must be lined or a closed loop system must be implemented during drilling. The nearby hillside must be monitored for any day-lighting of drilling fluids throughout the drilling of the surface casing interval. 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 (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. 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, if the drill cuttings are to be left onsite, they must also meet the applicable standards of table 910-1. Operator must comply with all provisions of the June 12, 2008 Notice to Operators (NTO) Drilling Wells Within ¾ Mile of the Rim of the Roan Plateau in Garfield County – Pit Design, Construction, and Monitoring Requirements.	07/08/2011

Comment: 2 - 500 bbl frac tanks being used for flowback no berming around tanks. Tank s are connected to each other with 4" hose.

CA: Install berm around tanks to hold 110% of tanks volumes. (1100 BBL) **Date:** 10/04/2013

Wildlife BMPs:

BMP Type	Comment
Construction	-Use multiple gathering lines placed in a single trench to minimize disturbance and construction, where appropriate, economically and technically feasible. -Install pipeline crossings at right angles to the drainages, wetlands, and perennial water bodies, where appropriate, economically and technically feasible. -Maintain a minimum of five feet of soil cover between the pipeline and the lowest point of the drainage or water body channel.

Wildlife	-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. -Perform biological surveys (on-site) for each new development, using the most recent data sets for wildlife and aquatic resources. -Perform pre-disturbance surveys when the on-site inspection and commencement of disturbance occur in different field seasons 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. -Use enclosed, locking garbage receptacles or implement a strict daily trash removal regime on each temporary or permanent work location.
Site Specific	-Use solar panels as an alternative energy source for on-location production equipment, where appropriate, economically and technically feasible. -Prohibit Encana employees and contractors from carrying projectile weapons on Encana property, except during company organized events. -Prohibit pets on Encana 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.

Comment:

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: 424642 Type: WELL API Number: 045-20914 Status: DG Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424645 Type: WELL API Number: 045-20915 Status: PR Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424646 Type: WELL API Number: 045-20916 Status: DG Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424647 Type: WELL API Number: 045-20917 Status: DG Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424652 Type: WELL API Number: 045-20918 Status: DG Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424653 Type: WELL API Number: 045-20919 Status: DG Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424655 Type: WELL API Number: 045-20920 Status: PR Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424656 Type: WELL API Number: 045-20921 Status: DG Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424657 Type: WELL API Number: 045-20922 Status: DG Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424658 Type: WELL API Number: 045-20923 Status: PR Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424659 Type: WELL API Number: 045-20924 Status: DG Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424661 Type: WELL API Number: 045-20925 Status: DG Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424662 Type: WELL API Number: 045-20926 Status: DG Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424663 Type: WELL API Number: 045-20927 Status: PR Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424664 Type: WELL API Number: 045-20928 Status: PR Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424665 Type: WELL API Number: 045-20929 Status: DG Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424666 Type: WELL API Number: 045-20930 Status: PR Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424668 Type: WELL API Number: 045-20931 Status: DG Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424672 Type: WELL API Number: 045-20932 Status: DG Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424673 Type: WELL API Number: 045-20933 Status: DG Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424674 Type: WELL API Number: 045-20934 Status: PR Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424676 Type: WELL API Number: 045-20935 Status: DG Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424677 Type: WELL API Number: 045-20936 Status: DG Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424678 Type: WELL API Number: 045-20937 Status: DG Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424679 Type: WELL API Number: 045-20938 Status: PR Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424680 Type: WELL API Number: 045-20939 Status: DG Insp. Status: PR

Producing Well

Comment:

Facility ID: 424684 Type: WELL API Number: 045-20940 Status: DG Insp. Status: PR

Producing Well

Comment: Producing well

Facility ID: 424687 Type: WELL API Number: 045-20941 Status: DG Insp. Status: PR

Producing Well

Comment: Producing well

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 :

Field Parameters:

Sample Location:

Emission Control Burner (ECB):

Comment:

Pilot: Wildlife Protection Devices (fired vessels):

Reclamation - Storm Water - Pit

Interim Reclamation:

Inspector Name: LONGWORTH, MIKE

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: RANGELAND

Comment:

1003a. Debris removed? Pass CM

CA CA Date

Waste Material Onsite? Pass CM

CA CA Date

Unused or unneeded equipment onsite? In CM Flow back equipment for 17 wells temporary process

CA CA Date

Pit, cellars, rat holes and other bores closed? Fail CM south side of location berm/pit. open hole in northeast

CA Close pits and bore holes CA Date 03/31/2014

Guy line anchors removed? Pass CM

CA CA Date

Guy line anchors marked? CM

CA CA Date

1003b. Area no longer in use? Fail Production areas stabilized ? In

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? Fail

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: Begin Interim reclamation and submit form 4 for Interim Reclamation.

Overall Interim Reclamation Fail

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

Inspector Name: LONGWORTH, MIKE

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	Fail	Berms	Pass	MHSP	Pass	Siteberm insufficent in NE corner by flowbacktanks
Ditches	Pass	Culverts	Pass			
Seeding	Fail	Gravel	Pass			
Gravel	Pass	Ditches	Pass			
Compaction	Pass	Compaction	Pass			

S/U/V: Unsatisfactory Corrective Date: 10/10/2013

Comment: Berm behind flow back tanks is insufficent. No berm around flowback tanks.

CA: Install and repair berms