

FORM INSP Rev 05/11	State of Colorado Oil and Gas Conservation Commission <small>1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109</small>		DE	ET	OE	ES
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FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection <input type="checkbox"/>	2A Doc Num: _____
	276618	334766	BURGER, CRAIG		

Inspection Date:
06/20/2013

Document Number:
670200589

Overall Inspection:
Satisfactory

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
Inspections, General		cogcc.inspections@encana.com	
Kellerby, Shaun		Shaun.Kellerby@state.co.us	NW Field Supervisor

Compliance Summary:

QtrQtr: SESW Sec: 9 Twp: 7S Range: 93W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
12/02/2010	200285763	PR	PR	S			N
05/12/2006	200091749	PR	PR	S	I	P	N

Inspector Comment:

42 500 bbl frac tanks on location.

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	
276618	WELL	PR	08/01/2005	GW	045-10495	GMR 9-14 (N9W)	X
276619	WELL	PR	07/03/2005	GW	045-10496	HMU 9-13(N9W)	X
412220	WELL	PR	11/13/2009	GW	045-18443	HMU 16-3A (N9W)	X
412221	WELL	PR	12/06/2009	GW	045-18444	HMU 16-4(N9W)	X
412222	WELL	PR	11/30/2009	GW	045-18445	ENCANA GMR 16-5 (N9W)	X
412223	WELL	PR	11/24/2009	GW	045-18447	HMU 9-13B (N9W)	X
412224	WELL	PR	11/17/2009	GW	045-18448	HMU 16-6A (N9W)	X
412385	WELL	PR	08/30/2010	GW	045-18446	HMU 9-13C2 (N9W)	X

Equipment:

Location Inventory

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

Location				
Signs/Marker:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
WELLHEAD	Unsatisfactory	Wellhead signs are inadequate. HMU 9-13 separator sign has wrong API number.	Install sign to comply with rule 210.d.	07/19/2013
BATTERY	Satisfactory			
TANK LABELS/PLACARDS	Unsatisfactory	Forty two 500 bbl frac tanks on location. No placards or content labels on tanks.	Install sign to comply with rule 210.d.	07/12/2013

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

Comment: _____

Corrective Action: _____

Good Housekeeping:				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
STORAGE OF SUPL	Satisfactory	water pump in plastic containment, trailer and <50 bbl tank on location.		

Spills:				
Type	Area	Volume	Corrective action	CA Date
<input type="checkbox"/> Multiple Spills and Releases?				

Equipment:					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Vertical Heated Separator	8	Satisfactory			
Bird Protectors	4	Satisfactory			
Gathering Line	1	Satisfactory			
Emission Control Device	1	Satisfactory			
Plunger Lift	8	Satisfactory			
Ancillary equipment	1	Satisfactory	descaler unit		
Gas Meter Run	1	Satisfactory			

Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
METHANOL	1	<50 BBLS	STEEL AST	,
S/U/V:	Satisfactory	Comment:	same berm as 500 bbl tanks	
Corrective Action:				Corrective Date:
<u>Paint</u>				
Condition	Adequate			
Other (Content)	_____			
Other (Capacity)	_____			
Other (Type)	_____			
<u>Berms</u>				
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Corrective Action				Corrective Date
Comment				

Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____	
Contents	#	Capacity	Type	SE GPS
CONDENSATE	3	500 BBLS	STEEL AST	39.453360, -107.782810
S/U/V:	Satisfactory	Comment:	1 tank heated	
Corrective Action:				Corrective Date:
<u>Paint</u>				
Condition	Adequate			
Other (Content)	_____			
Other (Capacity)	_____			
Other (Type)	_____			
<u>Berms</u>				
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficent	Base Sufficient	Adequate
Corrective Action				Corrective Date
Comment				

Facilities:		<input type="checkbox"/> New Tank	Tank ID: _____		
Contents	#	Capacity	Type	SE GPS	
OTHER	20	500 BBLS	STEEL AST		
S/U/V:	Unsatisfactory		Comment: 42 frac tanks, one hatch open on tank that contains liquid in bottom.No sundry or documents related to this facility are in the COGCC database.		
Corrective Action:	Provide tank labels, berm, and sundry to COGCC.			Corrective Date:	07/12/2013
Paint					
Condition	Adequate				
Other (Content)	_____				
Other (Capacity)	_____				
Other (Type)	_____				
Berms					
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance	
	Inadequate				
Corrective Action	Provide containment.			Corrective Date	07/12/2013
Comment	No containment provided, at least one tank contains liquid.				
Venting:					
Yes/No	Comment				
NO					
Flaring:					
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date	
Ignitor/Combustor	Satisfactory				

Predrill

Location ID: 334766

Site Preparation:

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____
 Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:

Comment: _____

CA: _____ **Date:** _____

Wildlife BMPs:

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: 276618 Type: WELL API Number: 045-10495 Status: PR Insp. Status: PR

Producing Well

Comment: plunger lift

Facility ID: 276619 Type: WELL API Number: 045-10496 Status: PR Insp. Status: PR

Producing Well				
Comment: <input type="text" value="plunger lift"/>				
Facility ID: <u>412220</u>	Type: <u>WELL</u>	API Number: <u>045-18443</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
Producing Well				
Comment: <input type="text" value="plunger lift"/>				
Facility ID: <u>412221</u>	Type: <u>WELL</u>	API Number: <u>045-18444</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
Producing Well				
Comment: <input type="text" value="plunger lift"/>				
Facility ID: <u>412222</u>	Type: <u>WELL</u>	API Number: <u>045-18445</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
Producing Well				
Comment: <input type="text" value="plunger lift"/>				
Facility ID: <u>412223</u>	Type: <u>WELL</u>	API Number: <u>045-18447</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
Producing Well				
Comment: <input type="text" value="plunger lift"/>				
Facility ID: <u>412224</u>	Type: <u>WELL</u>	API Number: <u>045-18448</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
Producing Well				
Comment: <input type="text" value="plunger lift"/>				
Facility ID: <u>412385</u>	Type: <u>WELL</u>	API Number: <u>045-18446</u>	Status: <u>PR</u>	Insp. Status: <u>PR</u>
Producing Well				
Comment: <input type="text" value="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:

Complaint:				
Tracking Num	Category	Assigned To	Description	Incident Date
200351995	STORMWATER BMPs	KELLERBY, SHAUN	Land owner has concerns that storm water is allowed to run across the HMU 16-4 pad, and enter his ditch.	05/24/2012

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:

Comment: Partial reclamation of pad in progress. Hay spread on recontoured areas east and north of pad. Tackifier being applied at time of inspection. Area of storage of 42 frac tanks (north of wells) has not been reclaimed. Wells have been producing since 2009 and interim reclamation is not complete.

- 1003a. Debris removed? Pass CM CA Waste Material Onsite? Pass CM CA Unused or unneeded equipment onsite? In CM CA Pit, cellars, rat holes and other bores closed? Pass CM CA Guy line anchors removed? CM CA Guy line anchors marked? CM CA

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

1003c. Compacted areas have been cross ripped? Pass

1003d. Drilling pit closed? Pass Subsidence over on drill pit? Pass

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? Pass 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? P

Comment:

Overall Interim Reclamation Fail

Final Reclamation/ Abandoned Location:

Date Final Reclamation Started: Date Final Reclamation Completed:

Final Land Use:

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 _____ Multi-Well Location

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Slope Roughening	Pass	Culverts	Pass			
		Sediment Traps	Fail			
Mulching	Pass	Ditches	Pass	MHSP	Pass	
Retention Ponds		Waddles	Pass			

S/U/V: **Unsatisfactory** Corrective Date: **07/18/2013**

Comment: A retention pond is present between the access road and pad. Pond does not have an outlet. Sediment traps on main Grass Mesa access road are silted in and some cut slopes are not provided with an erosion control BMP.

CA: Provide and maintain adequate stormwater and erosion control BMP's.