

**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:

02/12/2014

Document Number:

670201253

Overall Inspection:

Satisfactory**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	<u>266186</u>	<u>334590</u>	<u>BURGER, CRAIG</u>	<input type="checkbox"/>	

**Operator Information:**

OGCC Operator Number:

Name of Operator: ENCANA OIL & GAS (USA) INCAddress: 370 17TH ST STE 1700City: 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
Kellerby, Shaun		Shaun.Kellerby@state.co.us	NW Field Supervisor
Inspections, General		cogcc.inspections@encana.com	

**Compliance Summary:**QtrQtr: SESE Sec: 3 Twp: 7S Range: 92W

Insp. Date	Doc Num	Insp. Type	Insp Status	Satisfactory /Unsatisfactory	PA P/F/I	Pas/Fail (P/F)	Violation (Y/N)
12/09/2010	200286781	BH	PR	Satisfactory			No
08/22/2006	200101918	PR	PR	Satisfactory		Pass	No
08/12/2003	200048204	CO	PR	Unsatisfactory		Fail	Yes
06/05/2003	200051183	CO	PR	Unsatisfactory		Fail	Yes

**Inspector Comment:**Bradenhead valves are plumbed to a field flare.**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
266186	WELL	PR	07/04/2003	GW	045-09118	ARBANEY 3-16C (P3)	PR	<input checked="" type="checkbox"/>
270125	WELL	PR	07/19/2006	GW	045-09463	MAGIC 10-2 (P3)	PR	<input checked="" type="checkbox"/>
270126	WELL	PR	07/02/2006	GW	045-09462	MAGIC 10-1(P3)	PR	<input checked="" type="checkbox"/>
270127	WELL	PR	07/24/2006	GW	045-09461	MAGIC 10-1A (P3)	PR	<input checked="" type="checkbox"/>
270139	WELL	PR	07/19/2006	GW	045-09465	ARBANEY 3-15C (P3)	PR	<input checked="" type="checkbox"/>

**Equipment:**Location Inventory

Inspector Name: BURGER, CRAIG

Special Purpose Pits: _____	Drilling Pits: _____	Wells: _____	Production Pits: _____
Condensate Tanks: _____	Water Tanks: _____	Separators: _____	Electric Motors: _____
Gas or Diesel Motors: _____	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**

<b><u>Signs/Marker:</u></b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
BATTERY	Satisfactory			
TANK LABELS/PLACARDS	Satisfactory			
WELLHEAD	Satisfactory	Signs need 1/4 1/4 section. See compliance schedule COGCC document number #2369022.		

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

Comment: \_\_\_\_\_

Corrective Action: \_\_\_\_\_

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

<b><u>Fencing/:</u></b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
LOCATION	Satisfactory	barbed wire		
WELLHEAD	Satisfactory	cattle panel		

<b><u>Equipment:</u></b>					
Type	#	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Bird Protectors	6	Satisfactory			
Pig Station	2	Satisfactory			
Horizontal Heated Separator	1	Satisfactory			
Gathering Line	1	Satisfactory			
Emission Control Device	2	Satisfactory	Combustor plumbed to tank battery and field flare plumbed from bradenhead valves.		
Plunger Lift	5	Satisfactory			
Gas Meter Run	1	Satisfactory			
Ancillary equipment	2	Satisfactory	descaler unit and sound muffler unit		

Inspector Name: BURGER, CRAIG

Vertical Heated Separator	4	Satisfactory			
---------------------------	---	--------------	--	--	--

**Facilities:** ☐ New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
METHANOL	1	1000 GAL	STEEL AST	,

S/U/V:	Satisfactory	Comment:	same berm as 500 bbl tanks
Corrective Action:		Corrective Date:	

Paint

Condition	Adequate
-----------	----------

Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Corrective Action		Corrective Date	
Comment			

**Facilities:** ☐ New Tank Tank ID: \_\_\_\_\_

Contents	#	Capacity	Type	SE GPS
CONDENSATE	2	500 BBLS	HEATED STEEL AST	39.468820,-107.646470

S/U/V:	Satisfactory	Comment:	
Corrective Action:		Corrective Date:	

Paint

Condition	Adequate
-----------	----------

Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate

Corrective Action		Corrective Date	
Comment			

<b>Venting:</b>	
Yes/No	Comment
NO	

<b>Flaring:</b>				
Type	Satisfactory/Unsatisfactory	Comment	Corrective Action	CA Date
Ignitor/Combustor	Satisfactory	ECB and field flare.		

**Predrill**

Location ID: 266186

**Site Preparation:**

Lease Road Adeq.: \_\_\_\_\_ Pads: \_\_\_\_\_ Soil Stockpile: \_\_\_\_\_

**S/U/V:** \_\_\_\_\_

Corrective Action: \_\_\_\_\_ Date: \_\_\_\_\_ CDP Num.: \_\_\_\_\_

**Form 2A COAs:****S/U/V:** \_\_\_\_\_ **Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_**Wildlife BMPs:****S/U/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: 266186 Type: WELL API Number: 045-09118 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

Facility ID: 270125 Type: WELL API Number: 045-09463 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

Facility ID: 270126 Type: WELL API Number: 045-09462 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

Facility ID: 270127 Type: WELL API Number: 045-09461 Status: PR Insp. Status: PR

**Producing Well**

Comment: plunger lift

Facility ID: 270139 Type: WELL API Number: 045-09465 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: \_\_\_\_\_

**Complaint:**

Tracking Num	Category	Assigned To	Description	Incident Date
200245303	GROUND WATER	SPRY OROURKE, LINDA	Lisa contacted EPA regarding concerns relative to the recent impacts to the Moon and Miller water wells and their possible relation to her property and water well. Lisa lives between these two land owners and has had impacts previously on her property. On 4/23/2010 Lisa took EPA, Garfield County and COGCC representatives on a driving tour from Dry Hollow Road and 6500 Road intersection to the eastern edge of West Divide Creek on her property. Lisa reported that several water wells in the area were ruined when the Arbaney kick occurred on the P3 pad on March 9, 2004 (referred to below as the Arbaney event) and that multiple stock ponds had bubbles coming up in them. Lisa thinks the Arbaney event possibly exasperated or increased the fracture network subsurface as residents felt an the earth moving when that event occurred. Lisa reports that the ridgeline between the Sherowski's property and the Thompson's property dropped in elevation as a result of the Arbaney event. Lisa reports that the water well and surface water impacts follow basically a linear path from P3 to the West Divide creek seep area from 2004 and 2008. Lisa expressed frustration that all timelines she's seen begin in April 2004 and go forward, and do not include this significant kick at the Arbaney well which occurred on March 9, 2004. Lisa feels that COGCC always compartmentalizes, minimizes, and isolates events from each other, rather than looking at the big picture. She feels the Arbaney event precipated or set the stage for all the other events and that they are interrelated, not isolated from each other and should be investigated as a whole.	04/23/2010

Inspector Name: BURGER, CRAIG

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: Snow cover limited inspection.

1003a. Debris removed? Pass CM CA CA Date  
Waste Material Onsite? CM CA CA Date  
Unused or unneeded equipment onsite? Pass 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 ? Pass

1003c. Compacted areas have been cross ripped?

1003d. Drilling pit closed? Pass 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? 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?

Comment:

Overall Interim Reclamation

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: Date Final Reclamation Completed:

Final Land Use:

Reminder:

Comment:

Inspector Name: BURGER, CRAIG

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
Compaction	Pass	Compaction	Pass			
Berms	Pass	Culverts	Pass			

S/U/V: Satisfactory \_\_\_\_\_ Corrective Date: \_\_\_\_\_

Comment: Snow cover limited inspection.

CA:

**Pits:** ☐ NO SURFACE INDICATION OF PIT