FORM INSP Rev 05/11

# State of Colorado
# Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
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## FIELD INSPECTION FORM

Inspection Date: 02/11/2016
Document Number: 666801914
Overall Inspection: SATISFACTORY

| Location Identifier | Facility ID | Loc ID | Inspector Name: | On-Site Inspection | 2A Doc Num: |
|---|---|---|---|---|---|
| | 423181 | 422418 | Murray, Richard | ☐ | |

**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 | |

**Compliance Summary:**

QtrQtr: SESW Sec: 16 Twp: 7S Range: 93W

**Inspector Comment:**

No tank farm on location

**Related Facilities:**

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status | |
|---|---|---|---|---|---|---|---|---|
| 422501 | WELL | PR | 12/05/2012 | GW | 045-20585 | MCU 21-3B (M16W) | PR | ☒ |
| 422504 | WELL | PR | 01/11/2013 | GW | 045-20586 | MCU 16-13B (M16W) | PR | ☒ |
| 422505 | WELL | PR | 12/01/2013 | GW | 045-20587 | MCU 16-13CC (M16W) | PR | ☒ |
| 422523 | WELL | PR | 11/24/2013 | GW | 045-20589 | MCU 21-4BB (M16W) | PR | ☒ |
| 422525 | WELL | PR | 11/26/2013 | GW | 045-20590 | MCU 21-4B (M16W) | PR | ☒ |
| 422527 | WELL | PR | 11/24/2013 | GW | 045-20591 | MCU 21-4C (M16W) | PR | ☒ |
| 422539 | WELL | PR | 02/03/2015 | GW | 045-20595 | MCU 21-5B (M16W) | PR | ☒ |
| 422567 | WELL | PR | 11/24/2013 | GW | 045-20603 | MCU 21-4CC (M16W) | PR | ☒ |
| 422575 | WELL | PR | 12/02/2012 | GW | 045-20606 | MCU 16-13A (M16W) | PR | ☒ |
| 423173 | WELL | PR | 01/10/2013 | GW | 045-20682 | MCU Fee 17-9B2 (M16W) | PR | ☒ |
| 423175 | WELL | PR | 01/11/2013 | GW | 045-20683 | MCU Fee 17-9C (M16W) | PR | ☒ |
| 423176 | WELL | PR | 12/03/2013 | GW | 045-20684 | MCU FEE 17-16C (M16W) | PR | ☒ |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 423177 | WELL | PR | 07/21/2015 | GW | 045-20685 | MCU Fee 16-12C2 (M16W) | PR | X |
| 423178 | WELL | PR | 01/10/2013 | GW | 045-20686 | MCU Fee 17-9B (M16W) | PR | X |
| 423180 | WELL | PR | 01/07/2014 | GW | 045-20687 | MCU Fee 17-16CC (M16W) | PR | X |
| 423181 | WELL | PR | 01/10/2013 | GW | 045-20688 | MCU Fee 16-12C (M16W) | PR | X |
| 423183 | WELL | PR | 12/10/2012 | GW | 045-20689 | MCU Fee 16-5C (M16W) | PR | X |
| 423184 | WELL | PR | 11/30/2013 | GW | 045-20690 | MCU 16-13C (M16W) | PR | X |
| 423241 | WELL | PR | 11/30/2013 | GW | 045-20696 | MCU FEE 17-16B (M16W) | PR | X |
| 423260 | WELL | PR | 11/27/2012 | GW | 045-20705 | MCU Fee 17-9D (M16W) | PR | X |

**Equipment:**

Location Inventory

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Special Purpose Pits: | | Drilling Pits: | | Wells: | 20 | Production Pits: | |
| Condensate Tanks: | | Water Tanks: | | Separators: | 20 | Electric Motors: | |
| Gas or Diesel Mortors: | | Cavity Pumps: | | LACT Unit: | | Pump Jacks: | |
| Electric Generators: | | Gas Pipeline: | 1 | Oil Pipeline: | | Water Pipeline: | 1 |
| Gas Compressors: | | VOC Combustor: | | Oil Tanks: | | Dehydrator Units: | |
| Multi-Well Pits: | | Pigging Station: | | Flare: | | Fuel Tanks: | |

## Location

**Lease Road:**

| Type | Satisfactory/Action Required | comment | Corrective Action | Date |
|---|---|---|---|---|
| | | | | |

**Signs/Marker:**

| Type | Satisfactory/Action Required | Comment | Corrective Action | CA Date |
|---|---|---|---|---|
| WELLHEAD | SATISFACTORY | | | |

Emergency Contact Number (S/AR): SATISFACTORY

Corrective Date:

Comment:

Corrective Action:

**Good Housekeeping:**

| Type | Satisfactory/Action Required | Comment | Corrective Action | CA Date |
|---|---|---|---|---|
| | | | | |

**Spills:**

| Type | Area | Volume | Corrective action | CA Date |
|---|---|---|---|---|

☐ Multilple Spills and Releases?

Inspector Name: Murray, Richard

**Fencing/:**

| Type | Satisfactory/Action Required | Comment | Corrective Action | CA Date |
|---|---|---|---|---|
| | | | | |

**Equipment:**

| | | | |
|---|---|---|---|
| Type: Plunger Lift | # 20 | Satisfactory/Action Required: | SATISFACTORY |
| Comment | | | |
| Corrective Action | | | Date: |
| Type: Vertical Heated Separator | # 20 | Satisfactory/Action Required: | SATISFACTORY |
| Comment | | | |
| Corrective Action | | | Date: |
| Type: Ancillary equipment | # 3 | Satisfactory/Action Required: | SATISFACTORY |
| Comment | Chemical units at wellhead | | |
| Corrective Action | | | Date: |
| Type: Pig Station | # 1 | Satisfactory/Action Required: | SATISFACTORY |
| Comment | | | |
| Corrective Action | | | Date: |
| Type: Gas Meter Run | # 1 | Satisfactory/Action Required: | SATISFACTORY |
| Comment | | | |
| Corrective Action | | | Date: |

**Venting:**

| | |
|---|---|
| Yes/No | NO |
| Comment | |

**Flaring:**

| | | | |
|---|---|---|---|
| Type | | Satisfactory/Action Required | |
| Comment: | | | |
| Corrective Action: | | Correct Action Date: | |

## Predrill

Location ID: 423181

**Site Preparation:**

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

**S/AR:** _____

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

**Form 2A COAs:**

Inspector Name: Murray, Richard

| Group | User | Comment | Date |
|---|---|---|---|
| OGLA | kubeczkod | GENERAL SITE COAs:<br><br>Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines.<br><br>Operator must ensure 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.<br><br>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.<br><br>Flowback and stimulation fluids must be sent to tanks to allow the sand to settle out before the fluids can be placed into any pipeline or pit located on the well pad. The flowback and stimulation fluid tanks 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 (per Rule 604.a.(4)).<br><br>Berms or other containment devices shall be constructed in compliance with Rule 604.a.(4) around crude oil, condensate, and produced water storage tanks. | 03/09/2011 |

**S/AR:** SATISFACTORY **Comment:** No drilling or completions beinf performed at time of inspection, No visual sign of pits or cuttings

**CA:** **Date:**

**Wildlife BMPs:**

| BMP Type | Comment |
|---|---|
| Interim Reclamation | Maintenance<br>Revegetation Monitoring<br>BMP maintenance & monitoring<br>Weed Management |
| Wildlife | Minimize the number, length and footprint of oil & gas development roads<br>Use existing routes where possible<br>Combine utility infrastructure planning (gas, electric & water) when possible with roadway Planning to avoid separate utility corridors<br>Coordinate Employee transport when possible<br>Reduce visits to well-sites through remote monitoring (i.e. SCADA) and the use of multi-function contractors. Maximize use of state-of-the-art drilling technology (e.g., high efficiency rigs, coiled-tubing unit rigs, closed-loop or pitless drilling, etc.) to minimize disturbance.<br><br>Reclaim mule deer and elk habitats with native shrubs, grasses, and forbs appropriate to the ecological site disturbed. |

| | |
|---|---|
| Construction | Terminal Containment<br>Diversions<br>Run-On Protection<br>Tracking<br>Benching<br>Terracing<br>ECM (Erosion Control Mulch)<br>ECB (Erosion Control Blanket)<br>Check Dams<br>Seeding<br>Mulching<br>Water Bars<br>Stabilized Unpaved Surfaces (Gravel)<br>Stormwater & Snow Storage Containment<br>Scheduling<br>Phased Construction<br>Temporary Flumes<br>Culverts with inlet & outlet protection<br>Rip Rap<br>TRM (Turf Reinforcement Mats)<br>Maintenance<br>Scheduling<br>Phased Construction<br>Fueling BMP's<br>Waste Management BMP's<br>Materials Handling BMP's |
| Pre-Construction | Wattles<br>Silt Fence<br>Vegetation Buffers<br>Slash<br>Topsoil Windrows (diversions & ROP's)<br>Scheduling<br>Phased Construction |

**S/AR:** SATISFACTORY **Comment:** BMPs in place

**CA:** **Date:**

**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: | Type: | API Number: | Status: | Insp. Status: |
|---|---|---|---|---|
| 422501 | WELL | 045-20585 | PR | PR |

**Producing Well**

Comment: Plunger lift

| Facility ID: | Type: | API Number: | Status: | Insp. Status: |
|---|---|---|---|---|
| 422504 | WELL | 045-20586 | PR | PR |

**Producing Well**

Comment: Plunger lift

| Facility ID: | Type: | API Number: | Status: | Insp. Status: |
|---|---|---|---|---|
| 422505 | WELL | 045-20587 | PR | PR |

**Producing Well**

Comment: Plunger lift

| Facility ID: | Type: | API Number: | Status: | Insp. Status: |
|---|---|---|---|---|
| 422523 | WELL | 045-20589 | PR | PR |

**Producing Well**

Comment: Plunger lift

| Facility ID: | Type: | API Number: | Status: | Insp. Status: |
|---|---|---|---|---|
| 422525 | WELL | 045-20590 | PR | PR |

**Producing Well**

Comment: Plunger lift

| Facility ID: | Type: | API Number: | Status: | Insp. Status: |
|---|---|---|---|---|
| 422527 | WELL | 045-20591 | PR | PR |

**Producing Well**

Comment: Plunger lift

| Facility ID: | Type: | API Number: | Status: | Insp. Status: |
|---|---|---|---|---|
| 422539 | WELL | 045-20595 | PR | PR |

**Producing Well**

Comment: Plunger lift

| Facility ID: | Type: | API Number: | Status: | Insp. Status: |
|---|---|---|---|---|
| 422567 | WELL | 045-20603 | PR | PR |

**Producing Well**

Comment: Plunger lift

| Facility ID: | Type: | API Number: | Status: | Insp. Status: |
|---|---|---|---|---|
| 422575 | WELL | 045-20606 | PR | PR |

**Producing Well**

Comment: Plunger lift

| Facility ID: | Type: | API Number: | Status: | Insp. Status: |
|---|---|---|---|---|
| 423173 | WELL | 045-20682 | PR | PR |

**Producing Well**

Comment: Plunger lift

| Facility ID: | Type: | API Number: | Status: | Insp. Status: |
|---|---|---|---|---|
| 423175 | WELL | 045-20683 | PR | PR |

**Producing Well**

Comment: Plunger lift

Facility ID: 423176 Type: WELL API Number: 045-20684 Status: PR Insp. Status: PR

**Producing Well**

Comment: Plunger lift

Facility ID: 423177 Type: WELL API Number: 045-20685 Status: PR Insp. Status: PR

**Producing Well**

Comment: Plunger lift

Facility ID: 423178 Type: WELL API Number: 045-20686 Status: PR Insp. Status: PR

**Producing Well**

Comment: Plunger lift

Facility ID: 423180 Type: WELL API Number: 045-20687 Status: PR Insp. Status: PR

**Producing Well**

Comment: Plunger lift

Facility ID: 423181 Type: WELL API Number: 045-20688 Status: PR Insp. Status: PR

**Producing Well**

Comment: Plunger lift

Facility ID: 423183 Type: WELL API Number: 045-20689 Status: PR Insp. Status: PR

**Producing Well**

Comment: Plunger lift

Facility ID: 423184 Type: WELL API Number: 045-20690 Status: PR Insp. Status: PR

**Producing Well**

Comment: Plunger lift

Facility ID: 423241 Type: WELL API Number: 045-20696 Status: PR Insp. Status: PR

**Producing Well**

Comment: Plunger lift

Facility ID: 423260 Type: WELL API Number: 045-20705 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:** Lat Long

Inspector Name: Murray, Richard

DWR Receipt Num: Owner Name: GPS :

**Field Parameters:**

Sample Location:

Emission Control Burner (ECB): N

Comment:

Pilot: Wildlife Protection Devices (fired vessels): YES

## Reclamation - Storm Water - Pit

**Interim Reclamation:**

Date Interim Reclamation Started: Date Interim Reclamation Completed:

Land Use: RANGELAND

Comment:

1003a. Waste and Debris removed? Pass

CM

CA CA Date

Unused or unneeded equipment onsite? Pass

CM

CA CA Date

Pit, cellars, rat holes and other bores closed? Pass

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

Inspector Name: Murray, Richard

**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: _____

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 |
|---|---|---|---|---|---|---|
| | | Ditches | Pass | | | |
| Compaction | Pass | | | | | |
| | | Compaction | Pass | | | |
| | | Culverts | Pass | | | |

S/A/V: SATISFACTORY

Corrective Date: _____

Comment: Snow covered access road and location

CA: _____

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