

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:
04/20/2015

Document Number:
675201460

Overall Inspection:
SATISFACTORY

FIELD INSPECTION FORM

| | | | | | |
|---------------------|---------------|---------------|------------------------|--------------------------|-------------|
| Location Identifier | Facility ID | Loc ID | Inspector Name: | On-Site Inspection | 2A Doc Num: |
| | <u>334085</u> | <u>334085</u> | <u>CONKLIN, CURTIS</u> | <input type="checkbox"/> | |

Operator Information:

| | |
|-----------------------|---|
| OGCC Operator Number: | <u>100185</u> |
| Name of Operator: | <u>ENCANA OIL & GAS (USA) INC</u> |
| Address: | <u>370 17TH ST STE 1700</u> |
| City: | <u>DENVER</u> State: <u>CO</u> Zip: <u>80202-</u> |

- 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 |
|--------------|-------|------------------------------|-----------------|
| Encana, | | cogcc.inspections@encana.com | All Inspections |

Compliance Summary:

| | | | | | | | |
|---------|-------------|------|-----------|------|-----------|--------|------------|
| QtrQtr: | <u>SENV</u> | Sec: | <u>31</u> | Twp: | <u>7S</u> | Range: | <u>95W</u> |
|---------|-------------|------|-----------|------|-----------|--------|------------|

| Insp. Date | Doc Num | Insp. Type | Insp Status | Satisfactory /Action Required | PA P/F/I | Pas/Fail (P/F) | Violation (Y/N) |
|------------|-----------|------------|-------------|-------------------------------|----------|----------------|-----------------|
| 05/01/2013 | 663800938 | | | SATISFACTORY | I | | No |
| 05/01/2013 | 663800939 | | | SATISFACTORY | | | No |

Inspector Comment:

Follow up to inspection Doc#663800938 Issues from previous inspection have been resolved.

Related Facilities:

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status | |
|-------------|------|--------|-------------|------------|-----------|---------------------------|-------------|-------------------------------------|
| 271023 | WELL | PR | 07/14/2014 | GW | 045-09827 | S.PARACHUTE FEDERAL 31-22 | PR | <input checked="" type="checkbox"/> |
| 277612 | WELL | PR | 07/14/2014 | GW | 045-10730 | FEDERAL 31-11BB (PF31) | PR | <input checked="" type="checkbox"/> |
| 277613 | WELL | PR | 07/09/2014 | GW | 045-10731 | FEDERAL 31-11 (PF31) | PR | <input checked="" type="checkbox"/> |
| 277614 | WELL | AL | 04/13/2010 | LO | 045-10732 | FEDERAL 31-6 (PF31) | AL | <input type="checkbox"/> |
| 277615 | WELL | PR | 07/09/2014 | GW | 045-10733 | FEDERAL 31-7 (PF31) | PR | <input checked="" type="checkbox"/> |
| 277616 | WELL | AL | 04/13/2010 | LO | 045-10734 | FEDERAL 31-5BB (PF31) | AL | <input type="checkbox"/> |
| 277617 | WELL | AL | 04/13/2010 | GW | 045-10735 | FEDERAL 31-12BB (PF31) | AL | <input type="checkbox"/> |
| 277788 | WELL | AL | 04/13/2010 | LO | 045-10777 | FEDERAL 31-3BB (PF31) | AL | <input type="checkbox"/> |
| 422180 | WELL | PR | 11/11/2014 | OG | 045-20513 | Federal 31-2B (PF31) | PR | <input checked="" type="checkbox"/> |

| | | | | | | | | |
|--------|------|----|------------|----|-----------|-----------------------|----|---|
| 422181 | WELL | PR | 11/11/2014 | OW | 045-20514 | Federal 31-7A (PF31) | PR | ✗ |
| 422182 | WELL | PR | 01/19/2015 | OG | 045-20515 | Federal 31-5AA (PF31) | PR | ✗ |
| 422183 | WELL | PR | 11/11/2014 | OG | 045-20516 | Federal 31-2C (PF31) | PR | ✗ |
| 422184 | WELL | PR | 09/02/2014 | OG | 045-20517 | Federal 31-5A (PF31) | PR | ✗ |
| 422185 | WELL | PR | 08/04/2014 | OG | 045-20518 | Federal 31-4D (PF31) | PR | ✗ |
| 422186 | WELL | PA | 10/26/2013 | LO | 045-20519 | Federal 31-2CC (PF31) | PA | ✗ |
| 422189 | WELL | PR | 08/15/2014 | GW | 045-20521 | Federal 31-7B (PF31) | PR | ✗ |

Equipment: Location Inventory

| | | | |
|------------------------------|---------------------------|-----------------------|-------------------------|
| Special Purpose Pits: _____ | Drilling Pits: _____ | Wells: <u>12</u> | Production Pits: _____ |
| Condensate Tanks: <u>4</u> | Water Tanks: _____ | Separators: <u>12</u> | Electric Motors: _____ |
| Gas or Diesel Mortors: _____ | Cavity Pumps: _____ | LACT Unit: _____ | Pump Jacks: _____ |
| Electric Generators: _____ | Gas Pipeline: <u>12</u> | Oil Pipeline: _____ | Water Pipeline: _____ |
| Gas Compressors: _____ | VOC Combustor: _____ | Oil Tanks: _____ | Dehydrator Units: _____ |
| Multi-Well Pits: _____ | Pigging Station: <u>1</u> | Flare: _____ | Fuel Tanks: _____ |

Location

Lease Road:

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

Signs/Marker:

| Type | Satisfactory/Action Required | Comment | Corrective Action | CA Date |
|----------------------|------------------------------|---------|-------------------|---------|
| TANK LABELS/PLACARDS | SATISFACTORY | | | |
| CONTAINERS | SATISFACTORY | | | |
| WELLHEAD | SATISFACTORY | | | |

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

Comment: 800-791-7691

Corrective Action: _____

Good Housekeeping:

| Type | Satisfactory/Action Required | Comment | Corrective Action | CA Date |
|-----------------|------------------------------|--|-----------------------|------------|
| STORAGE OF SUPL | ACTION REQUIRED | Hoses at tank battery. See attached photos. | Store in containment. | 05/20/2015 |
| STORAGE OF SUPL | SATISFACTORY | Concrete barriers, chem totes, and an excavator. | | |

Spills:

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

Multiple Spills and Releases?

| Equipment: | | | | | |
|---------------------------|----|------------------------------|---------------------------------------|-------------------|---------|
| Type | # | Satisfactory/Action Required | Comment | Corrective Action | CA Date |
| Pig Station | 1 | SATISFACTORY | | | |
| Gas Meter Run | 2 | SATISFACTORY | | | |
| Ancillary equipment | 9 | SATISFACTORY | Chem unit w/ containment | | |
| Bird Protectors | 4 | SATISFACTORY | | | |
| Horizontal Separator | 1 | SATISFACTORY | | | |
| Plunger Lift | 11 | SATISFACTORY | | | |
| Emission Control Device | 1 | SATISFACTORY | Being serviced at time of inspection. | | |
| Vertical Heated Separator | 12 | SATISFACTORY | | | |

Facilities: New Tank Tank ID: _____

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

S/A/V: SATISFACTORY Comment: _____

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 **Same**

Facilities: New Tank Tank ID: _____

| Contents | # | Capacity | Type | SE GPS |
|------------|---|----------|-----------|--------|
| CONDENSATE | 6 | 300 BBLs | STEEL AST | , |

S/A/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 | | | | | |

| | |
|-----------------|---------|
| Venting: | |
| Yes/No | Comment |
| NO | |

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

Predrill

Location ID: 334085

Site Preparation:

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

S/A/V: _____

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

Form 2A COAs:

| Group | User | Comment | Date |
|-------|-----------|--|------------|
| OGLA | kubeczkod | <p>GENERAL SITE COAs:</p> <p>Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines.</p> <p>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.</p> <p>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.</p> <p>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)).</p> <p>Berms or other containment devices shall be constructed in compliance with Rule 604.a.(4) around crude oil, condensate, and produced water storage tanks.</p> | 03/09/2011 |

S/A/V: _____ **Comment:** Secondary containment around fluids. No cuttings on location.

CA: _____ **Date:** _____

Wildlife BMPs:

| BMP Type | Comment |
|---------------------|--|
| Wildlife | <p>Minimize the number, length and footprint of oil & gas development roads Use existing routes where possible Combine utility infrastructure planning (gas, electric & water) when possible with roadway Planning to avoid separate utility corridors Coordinate Employee transport when possible</p> <p>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.</p> <p>Reclaim mule deer and elk habitats with native shrubs, grasses, and forbs appropriate to the ecological site disturbed.</p> |
| Pre-Construction | <p>Wattles Silt Fence Vegetation Buffers Slash Topsoil Windrows (diversions & ROP's) Scheduling Phased Construction</p> |
| Interim Reclamation | <p>Maintenance Revegetation Monitoring BMP maintenance & monitoring Weed Management</p> |
| Construction | <p>Terminal Containment Diversions Run-On Protection Tracking Benching Terracing ECM (Erosion Control Mulch) ECB (Erosion Control Blanket) Check Dams Seeding Mulching Water Bars Stabilized Unpaved Surfaces (Gravel) Stormwater & Snow Storage Containment Scheduling Phased Construction Temporary Flumes Culverts with inlet & outlet protection Rip Rap TRM (Turf Reinforcement Mats) Maintenance Scheduling Phased Construction Fueling BMP's Waste Management BMP's Materials Handling BMP's</p> |

S/AV: _____ **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: 271023 Type: WELL API Number: 045-09827 Status: PR Insp. Status: PR

Producing Well

Comment: **PR w/ plunger**

Facility ID: 277612 Type: WELL API Number: 045-10730 Status: PR Insp. Status: PR

Producing Well

Comment: **PR w/ plunger**

Facility ID: 277613 Type: WELL API Number: 045-10731 Status: PR Insp. Status: PR

Producing Well

Comment: **PR w/ plunger**

Facility ID: 277615 Type: WELL API Number: 045-10733 Status: PR Insp. Status: PR

Producing Well

Comment: **PR w/ plunger**

Facility ID: 422180 Type: WELL API Number: 045-20513 Status: PR Insp. Status: PR

Producing Well

Comment: **PR w/ plunger**

Facility ID: 422181 Type: WELL API Number: 045-20514 Status: PR Insp. Status: PR

Producing Well

Comment: **PR w/ plunger**

Facility ID: 422182 Type: WELL API Number: 045-20515 Status: PR Insp. Status: PR

Producing Well

Comment: **PR w/ plunger**

Facility ID: 422183 Type: WELL API Number: 045-20516 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

Facility ID: 422184 Type: WELL API Number: 045-20517 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

Facility ID: 422185 Type: WELL API Number: 045-20518 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

Facility ID: 422186 Type: WELL API Number: 045-20519 Status: PA Insp. Status: PA

Facility ID: 422189 Type: WELL API Number: 045-20521 Status: PR Insp. Status: PR

Producing Well

Comment: PR w/ plunger

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: _____

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 |
| Gravel | Pass | Gravel | Pass | | | |
| Compaction | Pass | Ditches | Pass | | | |
| | | Rip Rap | Pass | | | |
| | | Culverts | Pass | | | |
| Berms | Pass | Compaction | Pass | | | |

S/A/V: SATISFACTOR Corrective Date: _____
 Y _____

Comment: Rilling and sediment migration present on recently reclaimed area. See attached photo.

CA: _____

Pits: NO SURFACE INDICATION OF PIT

Attached Documents

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

| Document Num | Description | URL |
|--------------|---------------------------|---|
| 675201465 | Hoses | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3593831 |
| 675201466 | Rilling on reclaimed area | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3593832 |