

**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

Inspection Date:

07/05/2016

Document Number:

666802327

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

| | | | | | |
|---------------------|-------------|--------|-----------------|--------------------------|-------------|
| Location Identifier | Facility ID | Loc ID | Inspector Name: | On-Site Inspection | 2A Doc Num: |
| | 432277 | 432265 | Murray, Richard | <input type="checkbox"/> | |

Operator Information:OGCC Operator Number: 100185Name 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:**Compliance Summary:**QtrQtr: NWSE Sec: 6 Twp: 8S Range: 92W**Inspector Comment:**Shared facilities with location ID 324343**Related Facilities:**

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | Insp Status | |
|-------------|------|--------|-------------|------------|-----------|--------------------|-------------|-------------------------------------|
| 432268 | WELL | PR | 05/14/2014 | GW | 045-21936 | HMU 6-15A (J6SEB) | PR | <input checked="" type="checkbox"/> |
| 432269 | WELL | PR | 05/20/2014 | GW | 045-21937 | HMU 6-13AA (J6SEB) | PR | <input checked="" type="checkbox"/> |
| 432272 | WELL | PR | 05/16/2014 | GW | 045-21938 | HMU 6-11A (J6SEB) | PR | <input checked="" type="checkbox"/> |
| 432277 | WELL | PR | 05/17/2014 | GW | 045-21939 | HMU 6-12D (J6SEB) | PR | <input checked="" type="checkbox"/> |
| 432280 | WELL | PR | 05/27/2014 | GW | 045-21940 | HMU 6-15AA (J6SEB) | PR | <input checked="" type="checkbox"/> |
| 432281 | WELL | PR | 05/14/2014 | GW | 045-21941 | HMU 6-13A (J6SEB) | PR | <input checked="" type="checkbox"/> |
| 432282 | WELL | PR | 05/17/2014 | GW | 045-21942 | HMU 6-12DD (J6SEB) | PR | <input checked="" type="checkbox"/> |
| 432283 | WELL | PR | 05/12/2014 | GW | 045-21943 | HMU 6-13D (J6SEB) | PR | <input checked="" type="checkbox"/> |
| 432284 | WELL | PR | 05/20/2014 | GW | 045-21944 | HMU 6-15D (J6SEB) | PR | <input checked="" type="checkbox"/> |

Equipment:**Location Inventory**

| | | | |
|---------------------------------------|----------------------------------|-------------------------------|-----------------------------------|
| Special Purpose Pits: <u> </u> | Drilling Pits: <u> </u> | Wells: <u>18</u> | Production Pits: <u> </u> |
| Condensate Tanks: <u>6</u> | Water Tanks: <u> </u> | Separators: <u>18</u> | Electric Motors: <u> </u> |
| Gas or Diesel Motors: <u> </u> | Cavity Pumps: <u> </u> | LACT Unit: <u> </u> | Pump Jacks: <u> </u> |
| Electric Generators: <u> </u> | Gas Pipeline: <u>1</u> | Oil Pipeline: <u> </u> | Water Pipeline: <u> </u> |
| Gas Compressors: <u> </u> | VOC Combustor: <u> </u> | Oil Tanks: <u> </u> | Dehydrator Units: <u> </u> |
| Multi-Well Pits: <u> </u> | Pigging Station: <u> </u> | Flare: <u> </u> | Fuel Tanks: <u> </u> |

Location**Lease Road:**

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

Signs/Marker:

| Type | Satisfactory/Action Required | Comment | Corrective Action | CA Date |
|----------------------|------------------------------|----------------------|-------------------|---------|
| WELLHEAD | SATISFACTORY | | | |
| TANK LABELS/PLACARDS | SATISFACTORY | | | |
| BATTERY | SATISFACTORY | AIRS ID 045-2358-001 | | |
| CONTAINERS | 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 |
|------|------|--------|-------------------|---------|
|------|------|--------|-------------------|---------|

☐ Multiple Spills and Releases?**Fencing/:**

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

Equipment:

| | | | |
|-----------------------------------|----------------------------|-------------------------------|--------------|
| Type: Horizontal Heated Separator | # 1 | Satisfactory/Action Required: | SATISFACTORY |
| Comment | | | |
| Corrective Action | | | Date: |
| Type: Emission Control Device | # 1 | 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: Plunger Lift | # 9 | Satisfactory/Action Required: | SATISFACTORY |
| Comment | | | |
| Corrective Action | | | Date: |

Inspector Name: Murray, Richard

| | | | |
|---------------------------------|-----|-------------------------------|--------------|
| Type: Gas Meter Run | # 1 | Satisfactory/Action Required: | SATISFACTORY |
| Comment | | | |
| Corrective Action | | | Date: |
| Type: Pig Station | # 1 | Satisfactory/Action Required: | SATISFACTORY |
| Comment | | | |
| Corrective Action | | | Date: |
| Type: Vertical Heated Separator | # 9 | Satisfactory/Action Required: | SATISFACTORY |
| Comment | | | |
| Corrective Action | | | Date: |

Facilities: ☐ New Tank Tank ID: _____

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

S/AR SATISFACTORY Comment: Centralized battery

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 | 4 | 500 BBLS | STEEL AST | 39.387687,-107.706422 |

S/AR 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 Sufficent | Base Sufficient | Adequate |

Corrective Action: Corrective Date:

Comment

Venting:

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

Flaring:

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

Predrill

Location ID: 432277

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

S/AR: _____

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

Form 2A COAs:

| Group | User | Comment | Date |
|-------|-----------|--|------------|
| OGLA | kubeczkod | <p>SITE SPECIFIC COAs:</p> <p>Notify the COGCC 48 hours prior to start of pad construction, rig mobilization, spud, and start of hydraulic stimulation operations using Form 42 (the appropriate COGCC individuals will automatically be email notified, including the LGD for hydraulic stimulation operations).</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 110 percent secondary containment for any volume of fluids (excluding freshwater) contained at well site during drilling and completion operations (as shown on the Construction Layout Drawings attachment); 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, if drill cuttings are to remain/disposed of onsite, they must also meet the applicable standards of table 910-1.</p> <p>Flowback and stimulation fluids must be sent to tanks, separators, or other containment/filtering equipment before the fluids can be placed into any pipeline, storage vessel, or lined pit (only if an amended Form 2A has been submitted/approved and a Form 15 Earthen Pit Permitted has been submitted/approved) 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.</p> <p>Berms or other containment devices shall be constructed to be sufficiently impervious (preferably corrugated steel with poly liner) to contain any spilled or released material around crude oil, condensate, and produced water storage tanks.</p> | 03/06/2013 |

S/AR: SATISFACTORY **Comment:** No drilling or completions being performed at time of inspection, Cutting on NW side of location

CA: _____

Date: _____

Wildlife BMPs:

| BMP Type | Comment |
|-----------------------------|---|
| Construction | Not all are used all the time 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 |
| Wildlife | 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 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. Reclaim mule deer and elk habitats with native shrubs, grasses, and forbs appropriate to the ecological site disturbed. |
| Storm Water/Erosion Control | Wattles, Silt Fence, Vegetation Buffers, Slash, Topsoil Windrows (diversions & ROP's), Scheduling, Phased Construction |
| Interim Reclamation | Maintenance Revegetation Monitoring BMP maintenance & monitoring Weed Management |

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: 432268 Type: WELL API Number: 045-21936 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 432269 Type: WELL API Number: 045-21937 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 432272 Type: WELL API Number: 045-21938 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 432277 Type: WELL API Number: 045-21939 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 432280 Type: WELL API Number: 045-21940 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 432281 Type: WELL API Number: 045-21941 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 432282 Type: WELL API Number: 045-21942 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 432283 Type: WELL API Number: 045-21943 Status: PR Insp. Status: PR

Producing Well

Comment: Plunger lift

Facility ID: 432284 Type: WELL API Number: 045-21944 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

Inspector Name: Murray, Richard

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. 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? _____

Inspector Name: Murray, Richard

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 |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|---------|
| Rip Rap | Pass | | | | | |
| | | Culverts | Pass | | | |
| Gravel | Pass | | | | | |
| Berms | Pass | | | | | |
| Ditches | Pass | | | | | |
| | | Gravel | Pass | | | |
| | | Ditches | Pass | | | |
| Retention Ponds | Pass | | | | | |

S/A/V: SATISFACTOR
Y _____

Corrective Date: _____

Comment:

CA:

Pits: ☐ NO SURFACE INDICATION OF PIT

Attached Documents

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

| Document Num | Description | URL |
|--------------|---------------------|---|
| 666802327 | INSPECTION APPROVED | http://ogccwebblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3894444 |