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

## FIELD INSPECTION FORM

| DE | ET | OE | ES |
|---|---|---|---|
| | | | |

Inspection Date: 08/01/2013

Document Number: 663801380

Overall Inspection: Satisfactory

| Location Identifier | Facility ID | Loc ID | Inspector Name: | On-Site Inspection | 2A Doc Num: |
|---|---|---|---|---|---|
| | 383339 | 383339 | LONGWORTH, MIKE | ☐ | |

**Operator Information:**

OGCC Operator Number: 66571 Name of Operator: OXY USA WTP LP

Address: P O BOX 27757

City: HOUSTON State: TX Zip: 77227

**Contact Information:**

| Contact Name | Phone | Email | Comment |
|---|---|---|---|
| WESTERDALE, BARBARA | | barbara.westerdale@state.co.us | |
| Clark, Chris | | Chris_Clark@oxy.com | |
| KELLERBY, SHAUN | | shaun.kellerby@state.co.us | |

**Compliance Summary:**

QtrQtr: SWNE Sec: 17 Twp: 6S Range: 97W

**Inspector Comment:**

No evidence of AL wells being drilled. Concrete cellar on pad set up for 20 wells.

**Related Facilities:**

| Facility ID | Type | Status | Status Date | Well Class | API Num | Facility Name | |
|---|---|---|---|---|---|---|---|
| 260061 | WELL | AL | 02/18/2004 | LO | 045-07809 | CASCADE CREEK 617-33 | X |
| 338409 | WELL | XX | 12/29/2010 | LO | 045-18368 | Cascade Creek 697-17-29B | |
| 338412 | WELL | XX | 12/29/2010 | LO | 045-18369 | Cascade Creek 697-17-31B | |
| 338414 | WELL | XX | 12/29/2010 | LO | 045-18370 | Cascade Creek 697-17-37B | |
| 338416 | WELL | XX | 12/29/2010 | LO | 045-18371 | Cascade Creek 697-17-23B | |
| 338417 | WELL | XX | 12/29/2010 | LO | 045-18372 | Cascade Creek 697-17-29A | |
| 338419 | WELL | AL | 11/16/2010 | GW | 045-18373 | CASCADE CREEK 697-17-23A | X |
| 338421 | WELL | AL | 02/18/2011 | GW | 045-18374 | CASCADE CREEK 697-17-14 | X |
| 338423 | WELL | XX | 12/29/2010 | LO | 045-18375 | Cascade Creek 697-17-21A | |
| 338424 | WELL | XX | 12/29/2010 | LO | 045-18376 | Cascade Creek 697-17-21B | |
| 338425 | WELL | XX | 12/29/2010 | LO | 045-18377 | Cascade Creek 697-17-31A | |
| 338426 | WELL | XX | 12/29/2010 | LO | 045-18378 | Cascade Creek 697-17-37A | |
| 338427 | WELL | AL | 06/15/2011 | GW | 045-18379 | CASCADE CREEK 697-17-15 | X |
| 338428 | WELL | XX | 12/29/2010 | LO | 045-18380 | Cascade Creek 697-17-39A | |
| 338429 | WELL | XX | 12/29/2010 | LO | 045-18381 | Cascade Creek 697-17-29C | |
| 338430 | WELL | XX | 12/29/2010 | LO | 045-18382 | Cascade Creek 697-17-39B | |
| 421224 | WELL | XX | 01/21/2011 | LO | 045-20327 | Cascade Creek 697-17-46B | |
| 421236 | WELL | XX | 01/21/2011 | LO | 045-20328 | Cascade Creek 697-17-62A | |
| 421245 | WELL | XX | 01/21/2011 | LO | 045-20329 | Cascade Creek 697-17-56A | |

Inspector Name: LONGWORTH, MIKE

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 421250 | WELL | XX | 01/21/2011 | LO | 045-20330 | Cascade Creek 697-17-48B | |
| 421252 | WELL | XX | 01/21/2011 | LO | 045-20331 | Cascade Creek 697-17-48A | |
| 421256 | WELL | XX | 01/21/2011 | LO | 045-20332 | Cascade Creek 697-17-46A | |
| 421258 | WELL | XX | 01/21/2011 | LO | 045-20333 | Cascade Creek 697-17-54 | |

**Equipment:** Location Inventory

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Special Purpose Pits: | | Drilling Pits: | 1 | Wells: | 19 | Production Pits: | |
| Condensate Tanks: | 1 | Water Tanks: | 3 | Separators: | 5 | Electric Motors: | 1 |
| Gas or Diesel Mortors: | 1 | Cavity Pumps: | | LACT Unit: | | Pump Jacks: | |
| Electric Generators: | 1 | Gas Pipeline: | 1 | Oil Pipeline: | | Water Pipeline: | 1 |
| Gas Compressors: | | VOC Combustor: | 1 | Oil Tanks: | | Dehydrator Units: | |
| Multi-Well Pits: | | Pigging Station: | 1 | Flare: | | Fuel Tanks: | |

## Location

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

Comment:

Corrective Action:

**Spills:**

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

☐ Multilple Spills and Releases?

**Venting:**

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

**Flaring:**

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

## Predrill

Location ID: 383339

**Site Preparation:**

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

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

**Form 2A COAs:**

| Group | User | Comment | Date |
|---|---|---|---|
| OGLA | kubeczkod | 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)). Under unforeseen upset conditions during flowback operations, operator may discharge flowback fluids directly into the pit, as needed (notice of intent to directly discharge into the pit must be sent to Dave Kubeczko; email dave.kubeczko@state.co.us). | 01/01/2011 |

| | | | |
|---|---|---|---|
| OGLA | kubeczkod | No portion of any pit that will be used to hold liquids shall be constructed on fill material, unless the pit and fill slope are designed and certified by a professional engineer, subject to review and approval by the director prior to construction of the pit. The construction and lining of the pit shall be supervised by a professional engineer or their agent. The entire base of the pit must be in cut. | 01/01/2011 |
| OGLA | kubeczkod | Berms or other containment devices shall be constructed in compliance with Rule 604.a.(4) around crude oil, condensate, and produced water storage tanks. | 01/05/2011 |
| OGLA | kubeczkod | The nearby hillside must be monitored for any day-lighting of drilling fluids throughout the drilling of the surface casing interval. | 01/01/2011 |
| OGLA | kubeczkod | Operator must ensure 110 percent 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. | 01/01/2011 |
| OGLA | kubeczkod | Operator must implement best management practices to contain any unintentional release of fluids, including any fluids conveyed via temporary surface pipelines. | 01/01/2011 |
| OGLA | kubeczkod | Notice to Operators (NTO) Drilling Wells on the Roan Plateau in Garfield County: Comply with all provisions of the June 12, 2008 Notice to Operators (NTO) Drilling Wells Within ¾ Mile of the Rim of the Roan Plateau in Garfield County – Pit Design, Construction, and Monitoring Requirements. At a minimum, the following condition of approval (COA) will apply:<br>COA 6 - All pits must be lined. | 01/01/2011 |
| OGLA | kubeczkod | Any pit constructed to hold fluids (reserve pit, production pit, frac pit; except for flare pit, if built) must be lined. | 01/01/2011 |
| OGLA | kubeczkod | 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. | 01/01/2011 |

**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: | 260061 | Type: | WELL | API Number: | 045-07809 | Status: | AL | Insp. Status: | AL |
| Facility ID: | 338419 | Type: | WELL | API Number: | 045-18373 | Status: | AL | Insp. Status: | AL |
| Facility ID: | 338421 | Type: | WELL | API Number: | 045-18374 | Status: | AL | Insp. Status: | AL |
| Facility ID: | 338427 | Type: | WELL | API Number: | 045-18379 | Status: | AL | Insp. Status: | AL |

## 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

DWR Receipt Num: Owner Name: GPS :

**Field Parameters:**

Sample Location:

Emission Control Burner (ECB):

Comment:

Inspector Name: LONGWORTH, MIKE

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 _____

Inspector Name: LONGWORTH, MIKE

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 |
| | | | | | | |

S/U/V: _____ Corrective Date: _____

Comment:

CA:

**COGCC Comments**

| Comment | User | Date |
|---|---|---|
| No evidence of AL wells being drilled. Concrete cellar on pad set up for 20 wells. | longworm | 08/01/2013 |