

Inspector Name: Trujillo, Aaron

**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:  
11/04/2015Document Number:  
682500056

Overall Inspection:

**ACTION REQUIRED****FIELD INSPECTION FORM**

|                     |             |        |                 |                          |             |
|---------------------|-------------|--------|-----------------|--------------------------|-------------|
| Location Identifier | Facility ID | Loc ID | Inspector Name: | On-Site Inspection       | 2A Doc Num: |
|                     | 423033      | 423033 | Trujillo, Aaron | <input type="checkbox"/> |             |

**Operator Information:**OGCC Operator Number: 10439Name of Operator: CARRIZO NIOBRARA LLCAddress: 500 DALLAS STREET #2300City: HOUSTON State: TX Zip: 77002

- ☐ 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                |
|-----------------|--------------|-------------------------|------------------------|
| Lowery, Sheldon | 713-358-6492 | sheldon.lowery@crzo.net |                        |
| Johansson, Eric | 713-358-6227 | eric.johansson@crzo.net | Carrizo EHS Supervisor |

**Compliance Summary:**QtrQtr: SE SE Sec: 5 Twp: 5N Range: 60W**Inspector Comment:**

This is an interim reclamation and stormwater inspection. Any corrective actions from previous inspections that have not been addressed are still applicable.

**Related Facilities:**

| Facility ID | Type | Status | Status Date | Well Class | API Num   | Facility Name       | Insp Status |
|-------------|------|--------|-------------|------------|-----------|---------------------|-------------|
| 423029      | WELL | PR     | 10/13/2011  | OW         | 087-08161 | Wickstrom 5-44-5-60 | PR          |

**Equipment:**Location Inventory

|                             |                         |                      |                           |
|-----------------------------|-------------------------|----------------------|---------------------------|
| Special Purpose Pits: _____ | Drilling Pits: <u>2</u> | Wells: <u>1</u>      | Production Pits: _____    |
| Condensate Tanks: _____     | Water Tanks: <u>1</u>   | Separators: <u>2</u> | Electric Motors: <u>1</u> |
| Gas or Diesel Motors: _____ | Cavity Pumps: _____     | LACT Unit: _____     | Pump Jacks: _____         |
| Electric Generators: _____  | Gas Pipeline: <u>1</u>  | Oil Pipeline: _____  | Water Pipeline: _____     |
| Gas Compressors: _____      | VOC Combustor: _____    | Oil Tanks: <u>4</u>  | Dehydrator Units: _____   |
| Multi-Well Pits: _____      | Pigging Station: _____  | Flare: <u>1</u>      | Fuel Tanks: _____         |

**Location**

Emergency Contact Number (S/A/V): \_\_\_\_\_

Corrective Date: \_\_\_\_\_

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

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

| <b>Good Housekeeping:</b> |                              |   |   |            |
|---------------------------|------------------------------|---|---|------------|
| Type                      | Satisfactory/Action Required | Comment   | Corrective Action   | CA Date    |
| WEEDS                     | ACTION REQUIRED              | Weed debris in project area. See "COGCC Comments" | Remove and properly dispose of weed debris from project area. | 11/13/2015 |

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

|                 |         |  |
|-----------------|---------|--|
| <b>Venting:</b> |         |  |
| Yes/No          | Comment |  |
|                 |         |  |

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

**Predrill**

Location ID: 423033

**Site Preparation:**

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

**S/A/V:** \_\_\_\_\_

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

**Form 2A COAs:**

| Group | User   | Comment  | Date       |
|-------|--------|--|------------|
| OGLA  | youngr | Operator is prohibited from allowing any fluids to flow back to the freshwater storage pit.  | 04/14/2011 |
| OGLA  | youngr | The freshwater storage pit shall include signage that: identifies the pit use as a freshwater-only pit, prohibits placing E&P Waste in the pit, and lists each well that the pit will serve. | 04/14/2011 |
| OGLA  | youngr | The freshwater storage pit shall be constructed and maintained to prevent terrestrial wildlife or livestock entrapment.  | 04/14/2011 |

**S/A/V:** \_\_\_\_\_ **Comment:** \_\_\_\_\_**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_**Wildlife BMPs:****S/A/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: 0 Type: \_\_\_\_\_ API Number: - Status: \_\_\_\_\_ Insp. Status: \_\_\_\_\_

**Environmental****Spills/Releases:**

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|                                   |                              |                               |
|-----------------------------------|------------------------------|-------------------------------|
| Type of Spill: _____              | Description: _____           | Estimated Spill Volume: _____ |
| Comment: _____                    |                              |                               |
| Corrective Action: _____          |                              | Date: _____                   |
| Reportable: _____                 | GPS: Lat _____               | Long _____                    |
| Proximity to Surface Water: _____ | Depth to Ground Water: _____ |                               |

|                        |                   |             |            |
|------------------------|-------------------|-------------|------------|
| <b>Water Well:</b>     |                   | Lat _____   | Long _____ |
| DWR Receipt Num: _____ | Owner Name: _____ | GPS : _____ | _____      |

**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: DRY LAND

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

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Top soil replaced Pass

Recontoured Pass

Perennial forage re-established In

Non-Cropland

Top soil replaced \_\_\_\_\_

Recontoured \_\_\_\_\_

80% Revegetation \_\_\_\_\_

1003 f. Weeds Noxious weeds? \_\_\_\_\_

Comment: Revegetation is progressing within the interim reclamation area.

Overall Interim Reclamation In Process

**Final Reclamation/ Abandoned Location:**

Date Final Reclamation Started: \_\_\_\_\_

Date Final Reclamation Completed: \_\_\_\_\_

Final Land Use: DRY LAND

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 |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|---------|
|                  |                 |                         |                       |               |                          |         |

S/A/V: ACTION REQUIRED

Corrective Date: 11/30/2015

Comment: Rill erosion within location. See "COGCC Comments".

CA: Ensure storm water BMPs are installed and maintained to control erosion.

Pits: ☐ NO SURFACE INDICATION OF PIT

**COGCC Comments**

| Comment  | User       | Date       |
|--|------------|------------|
| <u>Rill erosion within location. Refer to photos 4, 5 and 6 in attached document #682500057.</u>         | trujilloam | 11/05/2015 |
| <u>Ensure storm water BMPs are installed and maintained to control erosion by CA date of 11/30/2015.</u> |            |            |

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|   |            |            |  |
|---|------------|------------|--|
| Russian thistle (Salsola sp.) located in project area. This is debris and will break and encroach upon adjacent lands.    | trujilloam | 11/05/2015 |  |
| Weed debris located in equipment. Refer to photos 4, 5, 8 and 9 in attached document #682500057.                          |            |            |  |
| Remove and properly dispose of debris by corrective action date of Nov. 13, 2015.   |            |            |  |
| Revegetation is progressing within the interim reclamation area. Refer to photos 2, and 6 in attached document #682500057 | trujilloam | 11/05/2015 |  |

**Attached Documents**

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

| Document Num | Description        | URL   |
|--------------|--------------------|---|
| 682500057    | Reclamation Photos | <a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3715686">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3715686</a> |

## **ACTION REQUIRED**

**ANY ACTION REQUIRED** items listed on this report indicate that the oil and gas facility or the oil and gas operations listed on the report may be in violation of the rules and regulations of the Colorado Oil and Conservation Commission (“COGCC”) and corrective action is required.

There is reasonable cause to believe that a violation of the Oil and Gas Conservation Act, or of any rule, regulation, or order of the Commission, or of any permit issued by the Commission, has occurred. The Operator’s compliance with this Inspection Report is required to resolve these alleged violations. This document requires the Operator to timely respond to the COGCC and to comply with directives as listed by the **Corrective Action Deadline Date**. Failure to do so will result in the issuance of a Notice of Alleged Violation and initiation of enforcement proceedings in which COGCC will seek monetary penalties for the alleged violations pursuant to § 34-60-121, C.R.S. and Rule 523, COGCC Rules of Practice and Procedure, 2 CCR 404-1. (Please note that the COGCC's penalty authority was recently increased to a maximum of \$15,000 per day and penalties are no longer capped at a maximum of \$10,000 per violation.)