

**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:

06/15/2016

Document Number:

684901517

Overall Inspection:

SATISFACTORY**FIELD INSPECTION FORM**

|                     |             |        |                 |                          |             |
|---------------------|-------------|--------|-----------------|--------------------------|-------------|
| Location Identifier | Facility ID | Loc ID | Inspector Name: | On-Site Inspection       | 2A Doc Num: |
|                     | 425596      | 425596 | Pesicka, Conor  | <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    |         |
| ,               |              | jeff.schneider@carrizo.com |         |

**Compliance Summary:**QtrQtr: Lot 1 Sec: 1 Twp: 9N Range: 59W**Inspector Comment:****Related Facilities:**

| Facility ID | Type | Status | Status Date | Well Class | API Num   | Facility Name          | Insp Status |                                     |
|-------------|------|--------|-------------|------------|-----------|------------------------|-------------|-------------------------------------|
| 425604      | WELL | PR     | 03/29/2012  | OW         | 123-34438 | Timbro Ranch 1-41-9-59 | PR          | <input checked="" type="checkbox"/> |

**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 Mortors: _____ | 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****Lease Road:**

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

**Signs/Marker:**

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

Inspector Name: Pesicka, Conor

|                      |              |   |  |  |
|----------------------|--------------|---|--|--|
| TANK LABELS/PLACARDS | SATISFACTORY |   |  |  |
| BATTERY              | SATISFACTORY |   |  |  |
| CONTAINERS           | SATISFACTORY | propane, engine oil, corrosion inhibitor, biocide |  |  |

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 |
|----------|------------------------------|--------------|-------------------|---------|
| WELLHEAD | SATISFACTORY                 | agricultural |                   |         |

**Equipment:**

|                               |  |                               |              |
|-------------------------------|--|-------------------------------|--------------|
| Type: Bird Protectors         | # 3  | Satisfactory/Action Required: | SATISFACTORY |
| Comment                       |  |                               |              |
| Corrective Action             |  |                               | Date:        |
| Type: Emission Control Device | # 2  | Satisfactory/Action Required: | SATISFACTORY |
| Comment                       |  |                               |              |
| Corrective Action             |  |                               | Date:        |
| Type: Gas Meter Run           | # 2  | Satisfactory/Action Required: | SATISFACTORY |
| Comment                       | 1 production, 1 flare  |                               |              |
| Corrective Action             |  |                               | Date:        |
| Type: Ancillary equipment     | # 5  | Satisfactory/Action Required: | SATISFACTORY |
| Comment                       | containers - 2 engine oil, 1 propane, 1 corrosion inhibitor, 1 biocide |                               |              |
| Corrective Action             |  |                               | Date:        |
| Type: Vertical Heater Treater | # 1  | Satisfactory/Action Required: | SATISFACTORY |
| Comment                       |  |                               |              |
| Corrective Action             |  |                               | Date:        |
| Type: Pump Jack               | # 1  | Satisfactory/Action Required: | SATISFACTORY |
| Comment                       |  |                               |              |
| Corrective Action             |  |                               | Date:        |
| Type: Prime Mover             | # 1  | Satisfactory/Action Required: | SATISFACTORY |
| Comment                       | ajax   |                               |              |

Inspector Name: Pesicka, Conor

|                          |     |                               |              |
|--------------------------|-----|-------------------------------|--------------|
| Corrective Action        |     | Date:                         |              |
| Type: Vertical Separator | # 1 | Satisfactory/Action Required: | SATISFACTORY |
| Comment                  |     |                               |              |
| Corrective Action        |     | Date:                         |              |

**Facilities:** ☐ New Tank Tank ID: \_\_\_\_\_

| Contents       | # | Capacity | Type           | SE GPS                |
|----------------|---|----------|----------------|-----------------------|
| PRODUCED WATER | 1 | 400 BBLS | FIBERGLASS AST | 40.786400,-103.918460 |

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

|                   |                       |                 |  |
|-------------------|-----------------------|-----------------|--|
| Corrective Action |                       | Corrective Date |  |
| Comment           | Shared with crude oil |                 |  |

**Facilities:** ☐ New Tank Tank ID: \_\_\_\_\_

| Contents  | # | Capacity | Type      | SE GPS                |
|-----------|---|----------|-----------|-----------------------|
| CRUDE OIL | 2 | 400 BBLS | STEEL AST | 40.786400,-103.918460 |

|                    |              |                  |  |
|--------------------|--------------|------------------|--|
| 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 Sufficient    | Base Sufficient     | Adequate    |

|                   |  |                 |  |
|-------------------|--|-----------------|--|
| Corrective Action |  | Corrective Date |  |
| Comment           |  |                 |  |

**Venting:**

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

**Flaring:**

|      |                   |                              |              |
|------|-------------------|------------------------------|--------------|
| Type | Ignitor/Combustor | Satisfactory/Action Required | SATISFACTORY |
|------|-------------------|------------------------------|--------------|

|                    |  |                      |  |
|--------------------|--|----------------------|--|
| Comment:           |  |                      |  |
| Corrective Action: |  | Correct Action Date: |  |

**Predrill**

Location ID: 425596

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

**S/AR:** \_\_\_\_\_

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

**Form 2A COAs:**

**S/AR:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

**CA:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Wildlife BMPs:**

| BMP Type                               | Comment  |
|--|--|
| Planning                               | A Form 15 Pit Report will be submitted within 30 days of construction of the fresh water storage pit.  |
| Pre-Construction                       | The COGCC to be notified 48 hours prior to construction of the Fresh Water Storage Pit.  |
| Material Handling and Spill Prevention | Operator shall not allow any fluids to flow back to the Fresh Water Storage Pit/Pond.  |
| Site Specific                          | Fresh Water Storage Pit shall contain fresh water only and signage prohibiting the use of the pit for any fluid that does not come from municipal, irrigation or surface water source.   |
| Construction                           | The location will be fenced and the fenced area will include the Fresh Water Storage Pit.  |
| Site Specific                          | Fresh water for the Fresh Water Storage Pit comes from water provider; water sources permitted for consumable industrial use.  |
| Storm Water/Erosion Control            | Operator has designed the well pad with insloping and a storm water control ditch to prevent storm water run-on/runoff and the release of fluids from the location. See attached Construction Layout Drawing.                                |
| Material Handling and Spill Prevention | Operator will ensure 110 percent secondary containment for any volume of fluids contained at the well site during drilling and completion. Operator will implement best management practices to contain any unintentional release of fluids. |

**S/AR:** \_\_\_\_\_ **Comment:** \_\_\_\_\_

**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:

Inspector Name: Pesicka, Conor

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

**Facility**

Facility ID: 425604 Type: WELL API Number: 123-34438 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Bradenhead plumbed to surface

CA:

CA Date:

**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): Y

Comment:

Pilot: ON 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? In Production areas stabilized ? Pass

1003c. Compacted areas have been cross ripped? \_\_\_\_\_

1003d. Drilling pit closed? Pass Subsidence over on drill pit? Pass

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 |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|---------|
| Ditches          | Pass            |                         |                       |               |                          |         |

Inspector Name: Pesicka, Conor

|        |      |        |      |  |  |  |
|--------|------|--------|------|--|--|--|
| Gravel | Pass | Gravel | Pass |  |  |  |
| Berms  | Pass |        |      |  |  |  |

S/A/V: SATISFACTOR                      Corrective Date: \_\_\_\_\_  
Y \_\_\_\_\_

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

CA: \_\_\_\_\_

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