

**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:  
684901519  
Overall Inspection:  
SATISFACTORY

**FIELD INSPECTION FORM**

|                     |             |        |                 |                          |             |
|---------------------|-------------|--------|-----------------|--------------------------|-------------|
| Location Identifier | Facility ID | Loc ID | Inspector Name: | On-Site Inspection       | 2A Doc Num: |
|                     | 432518      | 432518 | Pesicka, Conor  | <input type="checkbox"/> |             |

**Operator Information:**

|                       |   |
|-----------------------|---|
| OGCC Operator Number: | <u>10439</u>                                      |
| Name of Operator:     | <u>CARRIZO NIOBRARA LLC</u>                       |
| Address:              | <u>500 DALLAS STREET #2300</u>                    |
| City:                 | <u>HOUSTON</u> State: <u>TX</u> Zip: <u>77002</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 |
|-----------------|--------------|----------------------------|---------|
| Lowery, Sheldon | 713-358-6492 | sheldon.lowery@crzo.net    |         |
|                 |              | jeff.schneider@carrizo.com |         |

**Compliance Summary:**

QtrQtr: SESE Sec: 31 Twp: 10N Range: 59W

**Inspector Comment:**

**Related Facilities:**

| Facility ID | Type | Status | Status Date | Well Class | API Num   | Facility Name           | Insp Status |                                     |
|-------------|------|--------|-------------|------------|-----------|-------------------------|-------------|-------------------------------------|
| 432517      | WELL | PR     | 06/21/2014  | OW         | 123-37144 | Timbro Ranch 1-31-10-59 | PR          | <input checked="" type="checkbox"/> |

**Equipment:**

Location Inventory

|                                      |                                |                             |                                |
|--------------------------------------|--------------------------------|-----------------------------|--------------------------------|
| Special Purpose Pits: <u>      </u>  | Drilling Pits: <u>  1  </u>    | Wells: <u>  1  </u>         | Production Pits: <u>      </u> |
| Condensate Tanks: <u>      </u>      | Water Tanks: <u>  1  </u>      | Separators: <u>  2  </u>    | Electric Motors: <u>      </u> |
| Gas or Diesel Mortors: <u>      </u> | Cavity Pumps: <u>      </u>    | LACT Unit: <u>      </u>    | Pump Jacks: <u>  1  </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>  2  </u>    | Oil Tanks: <u>  3  </u>     | Dehydrator Units: <u>  2  </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 |
|----------------------|------------------------------|---------|-------------------|---------|
| TANK LABELS/PLACARDS | SATISFACTORY                 |         |                   |         |

Inspector Name: Pesicka, Conor

|            |              |  |  |  |
|------------|--------------|--|--|--|
| CONTAINERS | SATISFACTORY | emulsion breaker,<br>engine oil, propane |  |  |
| BATTERY    | SATISFACTORY |  |  |  |
| WELLHEAD   | 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 |
|------|------------------------------|---------|-------------------|---------|
|      | SATISFACTORY                 |         |                   |         |

**Equipment:**

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

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

| Contents       | # | Capacity | Type           | SE GPS                |
|----------------|---|----------|----------------|-----------------------|
| PRODUCED WATER | 1 | 400 BBLs | FIBERGLASS AST | 40.786800,-104.015880 |

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 | 7 | 400 BBLs | STEEL AST | 40.786800,-104.015880 |

S/AR: SATISFACTORY Comment: \_\_\_\_\_

|                    |          |                     |                     |                 |
|--------------------|----------|---------------------|---------------------|-----------------|
| Corrective Action: |          | Corrective Date:    |                     |                 |
| <b>Paint</b>       |          |                     |                     |                 |
| Condition          | Adequate |                     |                     |                 |
| Other (Content)    | _____    |                     |                     |                 |
| Other (Capacity)   | _____    |                     |                     |                 |
| Other (Type)       | _____    |                     |                     |                 |
| <b>Berms</b>       |          |                     |                     |                 |
| 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 | <b>SATISFACTORY</b> |
| Comment:           | _____             |                              |                     |
| Corrective Action: | _____             | Correct Action Date:         | _____               |

|                    |        |                 |  |
|--------------------|--------|-----------------|--|
| <b>Predrill</b>    |        |                 |  |
| Location ID:       | 432518 |                 |  |
| Lease Road Adeq.:  | Pads:  | Soil Stockpile: |  |
| <b>S/AR:</b>       | _____  |                 |  |
| Corrective Action: | Date:  | CDP Num.:       |  |

**Form 2A COAs:**

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

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

**Wildlife BMPs:**

| BMP Type                               | Comment  |
|--|--|
| Site Specific                          | 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.  |
| Construction                           | The location will be fenced and the fenced area will include the Fresh Water Storage Pit.  |
| 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. Operator shall not allow any fluids to flow back to the Fresh Water Storage Pit/Pond. |

|                  |  |
|------------------|--|
| Site Specific    | Fresh water for the Fresh Water Storage Pit comes from water provider; water sources permitted for consumable industrial use.<br>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.<br>Operator will participate in the Colorado Oil & Gas Association Voluntary Baseline Groundwater Quality Sampling Program.<br>Operator will implement interim reclamation measures immediately after construction of the location to stabilize cut and fill slopes, stabilize the topsoil and spoil stockpiles, establish desirable vegetation and control weeds on the location. |
| 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.  |

**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:

\_\_\_\_\_

Summary of Operator Response to Landowner Issues:

\_\_\_\_\_

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

\_\_\_\_\_

**Facility**

Facility ID: 432517 Type: WELL API Number: 123-37144 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:** \_\_\_\_\_ Lat \_\_\_\_\_ Long \_\_\_\_\_  
 DWR Receipt Num: \_\_\_\_\_ Owner Name: \_\_\_\_\_ GPS : \_\_\_\_\_

**Field Parameters:** \_\_\_\_\_

Sample Location: \_\_\_\_\_

Emission Control Burner (ECB): Y  
 Comment: field flare is for upset conditions  
 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

Inspector Name: Pesicka, Conor

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 |
|------------------|-----------------|-------------------------|-----------------------|---------------|--------------------------|---------|
| Slope Roughening | Pass            |                         |                       |               |                          |         |
| Ditches          | Pass            |                         |                       |               |                          |         |
| Seeding          | Pass            |                         |                       |               |                          |         |
| Gravel           | Pass            | Gravel                  | Pass                  |               |                          |         |
| Berms            | Pass            |                         |                       |               |                          |         |

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

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

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

**Pits:**  NO SURFACE INDICATION OF PIT