

**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:  
06/14/2016  
Document Number:  
674103268  
Overall Inspection:  
SATISFACTORY

**FIELD INSPECTION FORM**

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	432950	432951	Rickard, Jeff	<input type="checkbox"/>	

**Operator Information:**

OGCC Operator Number: 10439  
Name of Operator: CARRIZO NIOBRARA LLC  
Address: 500 DALLAS STREET #2300  
City: 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	

**Compliance Summary:**

QtrQtr: SWSW Sec: 26 Twp: 8N Range: 60W

**Inspector Comment:**

**Related Facilities:**

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
432950	WELL	PR	01/26/2014	OW	123-37372	Bailey 5-26-8-60	PR	<input checked="" type="checkbox"/>
432952	WELL	PR	01/26/2014	OW	123-37373	Bailey 8-26-8-60	PR	<input checked="" type="checkbox"/>
433843	WELL	PR	01/26/2014	OW	123-37812	Bailey 6-26-8-60	PR	<input checked="" type="checkbox"/>
433844	WELL	PR	01/26/2014	OW	123-37813	Bailey 7-26-8-60	PR	<input checked="" type="checkbox"/>

**Equipment:**

Location Inventory

Special Purpose Pits: <u>      </u>	Drilling Pits: <u>      </u>	Wells: <u>4</u>	Production Pits: <u>      </u>
Condensate Tanks: <u>      </u>	Water Tanks: <u>4</u>	Separators: <u>2</u>	Electric Motors: <u>      </u>
Gas or Diesel Mortors: <u>5</u>	Cavity Pumps: <u>      </u>	LACT Unit: <u>      </u>	Pump Jacks: <u>4</u>
Electric Generators: <u>      </u>	Gas Pipeline: <u>2</u>	Oil Pipeline: <u>      </u>	Water Pipeline: <u>      </u>
Gas Compressors: <u>      </u>	VOC Combustor: <u>2</u>	Oil Tanks: <u>12</u>	Dehydrator Units: <u>2</u>
Multi-Well Pits: <u>      </u>	Pigging Station: <u>      </u>	Flare: <u>1</u>	Fuel Tanks: <u>      </u>

**Location**

**Lease Road:**

Type	Satisfactory/Action Required	comment	Corrective Action	Date

<b>Signs/Marker:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Emergency Contact Number (S/AR): \_\_\_\_\_ Corrective Date: \_\_\_\_\_

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

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

<b>Good Housekeeping:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

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

<b>Fencing/:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

<b>Equipment:</b>					
Type: Compressor	# 1	Satisfactory/Action Required:	SATISFACTORY		
Comment					
Corrective Action				Date:	
Type: Pump Jack	# 1	Satisfactory/Action Required:	SATISFACTORY		
Comment					
Corrective Action				Date:	
Type: Gas Meter Run	# 2	Satisfactory/Action Required:	SATISFACTORY		
Comment					
Corrective Action				Date:	
Type: Plunger Lift	# 3	Satisfactory/Action Required:	SATISFACTORY		
Comment					
Corrective Action				Date:	
Type: Prime Mover	# 1	Satisfactory/Action Required:	SATISFACTORY		
Comment	Lease gas operated				
Corrective Action				Date:	
Type: Flare	# 1	Satisfactory/Action Required:	SATISFACTORY		
Comment					
Corrective Action				Date:	
Type: Vertical Heated Separator	# 4	Satisfactory/Action Required:	SATISFACTORY		
Comment					
Corrective Action				Date:	

Type: Emission Control Device	# 1	Satisfactory/Action Required: SATISFACTORY
Comment		
Corrective Action		Date:

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

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	4	400 BBLS	FIBERGLASS AST	,
S/AR SATISFACTORY		Comment:		
Corrective Action:			Corrective Date:	

Paint

Condition	
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
CRUDE OIL	12	400 BBLS	STEEL AST	40.627570,-104.063220
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	
Comment	

**Flaring:**

Type	Satisfactory/Action Required
Comment:	

Corrective Action: _____	Correct Action Date: _____
--------------------------	----------------------------

**Predrill**

Location ID: 432950

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
Construction	The location will be fenced and the fenced area will include 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 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. 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. Operator will participate in the Colorado Oil & Gas Association Voluntary Baseline Groundwater Quality Sampling Program. 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.
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.
Planning	A Form 15 Pit Report will be submitted within 30 days of 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:

Inspector Name: Rickard, Jeff

Summary of Operator Response to Landowner Issues:

Onsite Inspection Memorandum Summarizing Discussions at Inspection as Attachment:

**Facility**

Facility ID: 432950 Type: WELL API Number: 123-37372 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Braden head is exposed at surface.

CA:

CA Date:

Facility ID: 432952 Type: WELL API Number: 123-37373 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Braden head is exposed at surface.

CA:

CA Date:

Facility ID: 433843 Type: WELL API Number: 123-37812 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Braden head is exposed at surface.

CA:

CA Date:

Facility ID: 433844 Type: WELL API Number: 123-37813 Status: PR Insp. Status: PR

**Producing Well**

Comment: PR

**BradenHead**

Comment: Braden head is exposed at 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: \_\_\_\_\_  
Pilot: \_\_\_\_\_ 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? \_\_\_\_\_  
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 marked? \_\_\_\_\_  
CM \_\_\_\_\_  
CA \_\_\_\_\_ CA Date \_\_\_\_\_

1003b. Area no longer in use? Pass Production areas stabilized ? Pass

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 \_\_\_\_\_

Inspector Name: Rickard, Jeff

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
Gravel	Pass					

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

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

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

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

**Pits:**  NO SURFACE INDICATION OF PIT