

**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:

04/13/2016

Document Number:

684900922

Overall Inspection:

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

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	432951	432951	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
		jeff.schneider@carrizo.com	
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: _____	Drilling Pits: _____	Wells: <u>4</u>	Production Pits: _____
Condensate Tanks: _____	Water Tanks: <u>4</u>	Separators: <u>2</u>	Electric Motors: _____
Gas or Diesel Motors: <u>5</u>	Cavity Pumps: _____	LACT Unit: _____	Pump Jacks: <u>4</u>
Electric Generators: _____	Gas Pipeline: <u>2</u>	Oil Pipeline: _____	Water Pipeline: _____
Gas Compressors: _____	VOC Combustor: <u>2</u>	Oil Tanks: <u>12</u>	Dehydrator Units: <u>2</u>
Multi-Well Pits: _____	Pigging Station: _____	Flare: <u>1</u>	Fuel Tanks: _____

**Location**

<b>Lease Road:</b>				
Type	Satisfactory/Action Required	comment	Corrective Action	Date

<b>Signs/Marker:</b>				
Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
BATTERY	SATISFACTORY			
CONTAINERS	ACTION REQUIRED	Unlabeled pumps (probably emulsion breaker and corrosion inhibitor)	Install sign to comply with rule 210.	06/13/2016
WELLHEAD	SATISFACTORY			
TANK LABELS/PLACARDS	ACTION REQUIRED	Damaged placard on produced water tank	Install sign to comply with rule 210.	06/13/2016

Emergency Contact Number (S/AR): SATISFACTORY

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
PUMP JACK	SATISFACTORY	wire panel		
WELLHEAD	SATISFACTORY	agricultural		

<u>Equipment:</u>				
Type: Plunger Lift	# 3	Satisfactory/Action Required:	SATISFACTORY	
Comment				
Corrective Action				Date:
Type: Bird Protectors	# 5	Satisfactory/Action Required:	SATISFACTORY	
Comment				
Corrective Action				Date:
Type: Vertical Separator	# 4	Satisfactory/Action Required:	SATISFACTORY	
Comment				
Corrective Action				Date:
Type: Pump Jack	# 1	Satisfactory/Action Required:	SATISFACTORY	
Comment				

Corrective Action		Date:
Type: Veritcal Heater Treater	# 4	Satisfactory/Action Required: SATISFACTORY
Comment		
Corrective Action		Date:
Type: Flare	# 1	Satisfactory/Action Required: SATISFACTORY
Comment		
Corrective Action		Date:
Type: Compressor	# 1	Satisfactory/Action Required: SATISFACTORY
Comment gas lift		
Corrective Action		Date:
Type: Emission Control Device	# 1	Satisfactory/Action Required: SATISFACTORY
Comment		
Corrective Action		Date:
Type: Gas Meter Run	# 14	Satisfactory/Action Required: SATISFACTORY
Comment 4 sales, 4 flare, 6 gas lift		
Corrective Action		Date:
Type: Ancillary equipment	# 4	Satisfactory/Action Required: SATISFACTORY
Comment containers- methanol, engine oil, coolant		
Corrective Action		Date:
Type: Ancillary equipment	# 12	Satisfactory/Action Required: SATISFACTORY
Comment 2 biocide, 4 emulsion breaker, 4 corrosion inhibitor, 2 unlabeled		
Corrective Action		Date:
Type: Ancillary equipment	# 2	Satisfactory/Action Required: SATISFACTORY
Comment propane tanks		
Corrective Action		Date:

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

Contents	#	Capacity	Type	SE GPS
PRODUCED WATER	4	400 BBLS	FIBERGLASS AST	40.627460,-104.063250

S/AR	SATISFACTORY	Comment:	
Corrective Action:		Corrective Date:	

Paint

Condition	Adequate
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Other (Content) \_\_\_\_\_

Other (Capacity) \_\_\_\_\_

Other (Type) \_\_\_\_\_

Berms

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance

Inspector Name: Pesicka, Conor

Corrective Action					Corrective Date	
Comment	Shared with crude oil					
<b>Facilities:</b> <input type="checkbox"/> New Tank Tank ID: _____						
Contents	#	Capacity	Type	SE GPS		
CRUDE OIL	12	400 BBLS	STEEL AST	40.627460,-104.063250		
S/AR	SATISFACTORY		Comment:			
Corrective Action:					Corrective Date:	
<u>Paint</u>						
Condition	Adequate					
Other (Content) _____						
Other (Capacity) _____						
Other (Type) _____						
<u>Berms</u>						
Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance		
Metal	Adequate	Walls Sufficient	Base Sufficient	Adequate		
Corrective Action					Corrective Date	
Comment						
<u>Venting:</u>						
Yes/No	NO					
Comment						
<u>Flaring:</u>						
Type			Satisfactory/Action Required			
Comment:						
Corrective Action:					Correct Action Date:	
<b><u>Predrill</u></b>						
Location ID: 432951						
<u>Site Preparation:</u>						
Lease Road Adeq.:		Pads:		Soil Stockpile:		
<u>S/AR:</u>						
Corrective Action:		Date:		CDP Num.:		
<u>Form 2A COAs:</u>						
<u>S/AR:</u>		<u>Comment:</u>				
<u>CA:</u>						<u>Date:</u>
<u>Wildlife BMPs:</u>						
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.					

Inspector Name: Pesicka, Conor

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:

\_\_\_\_\_

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: Bradenhead plumbed to surface

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

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

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

**Producing Well**

Comment: PR

**BradenHead**

Comment: Bradenhead plumbed to surface

CA:

CA Date:

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

**Producing Well**

Comment: PR

**BradenHead**

Comment: Bradenhead plumbed to surface

CA:

CA Date:

Facility ID: 433844 Type: WELL API Number: 123-37813 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? InProduction areas stabilized ? Pass

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

1003d. Drilling pit closed? PassSubsidence 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 \_\_\_\_\_

Inspector Name: Pesicka, Conor

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					
Berms	Pass	Gravel	Pass			
Gravel	Pass					
Seeding	Pass					
Ditches	Pass	Culverts	Pass			

S/A/V: SATISFACTOR  
Y

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

Comment:

CA:

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

**Attached Documents**

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

Document Num	Description	URL
684900923	Stained soil beneath pipe	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3831901">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3831901</a>
684900924	Stained soil beneath pipe	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3831902">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3831902</a>
684900925	Stained soil beneath pipe	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3831903">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3831903</a>
684900926	Damaged safety placard on produced water	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3831904">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3831904</a>
684900927	Unlabeled pumps	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3831905">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3831905</a>