

FORM
INSPRev
05/11State of Colorado
Oil and Gas Conservation Commission1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109

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Inspection Date:

08/25/2015

Document Number:

673901073

Overall Inspection:

ACTION REQUIRED

FIELD INSPECTION FORM

Location Identifier	Facility ID	Loc ID	Inspector Name:	On-Site Inspection	2A Doc Num:
	436812	436809	Rains, Bill	<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: SESE Sec: 26 Twp: 8N Range: 60W

Inspector Comment:

Related Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status	
436811	WELL	DG	10/20/2014		123-39277	Hemberger 5-26-8-60	WO	<input checked="" type="checkbox"/>
436812	WELL	DG	10/10/2014		123-39278	Hemberger 6-26-8-60	WO	<input checked="" type="checkbox"/>
436920	WELL	DG	11/01/2014		123-39331	Hemberger 4-26-8-60	WO	<input checked="" type="checkbox"/>

Equipment:

Location Inventory

Special Purpose Pits:	Drilling Pits:	Wells:	3	Production Pits:
Condensate Tanks:	Water Tanks:	3	Separators:	4
Gas or Diesel Mortors:	3	Cavity Pumps:	LACT Unit:	Pump Jacks:
Electric Generators:	Gas Pipeline:	Oil Pipeline:	Water Pipeline:	
Gas Compressors:	VOC Combustor:	1	Oil Tanks:	9
Multi-Well Pits:	Pigging Station:	Flare:	1	Fuel Tanks:

Location

Lease Road:

Type	Satisfactory/Action Required	comment	Corrective Action	Date
Main	SATISFACTORY			

Signs/Marker:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
BATTERY	SATISFACTORY	signs at entrance		

Inspector Name: Rains, Bill

WELLHEAD	ACTION REQUIRED	no signs at wellhead	Install sign to comply with rule 210.	09/15/2015
TANK LABELS/PLACARDS	ACTION REQUIRED	Placarding on tanks are incomplete	Install sign to comply with rule 210.	09/08/2015

Emergency Contact Number (S/A/V): SATISFACTORY

Corrective Date: _____

Comment: _____

Corrective Action: _____

Good Housekeeping:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
WEEDS	ACTION REQUIRED	Weeds on well and battery sites/weeds on south edge of battery site on topsoil pile/ weeds around perimeter and center of location.	Control weeds	09/04/2015

Spills:

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

Fencing/:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date
LOCATION	SATISFACTORY	Wire		

Equipment:

Type	#	Satisfactory/Action Required	Comment	Corrective Action	CA Date
Veritcal Heater Treater	3	SATISFACTORY			
Bird Protectors	3	SATISFACTORY			
Gas Meter Run	1	SATISFACTORY	meter from well to the southeast		
Other	3	SATISFACTORY	wellheads are set up for fracing with valve accomodations		
Vertical Separator	6	SATISFACTORY	2 phase seperator		

Facilities:☐ New Tank

Tank ID: _____

Contents	#	Capacity	Type	SE GPS
			CENTRALIZED PAD	,
S/A/V:		Comment:		
Corrective Action:				Corrective Date:

Paint

Condition	
Other (Content)	_____
Other (Capacity)	_____
Other (Type)	_____

Berms

Inspector Name: Rains, Bill

Type	Capacity	Permeability (Wall)	Permeability (Base)	Maintenance		
Corrective Action					Corrective Date	
Comment						

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS		
PRODUCED WATER	3	400 BBLS	FIBERGLASS AST	,		
S/A/V:			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	
Metal	Adequate	Walls Sufficent	Base Sufficient	Adequate	
Corrective Action				Corrective Date	
Comment					

Facilities: ☐ New Tank Tank ID: _____

Contents	#	Capacity	Type	SE GPS		
CRUDE OIL	13	400 BBLS	STEEL AST	,		
S/A/V:	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	
Metal	Adequate	Walls Sufficent	Base Sufficient	Adequate	
Corrective Action				Corrective Date	
Comment					

Venting:

Yes/No	Comment
NO	

Flaring:

Type	Satisfactory/Action Required	Comment	Corrective Action	CA Date

Predrill

Location ID: 436812

Site Preparation:

Lease Road Adeq.: _____ Pads: _____ Soil Stockpile: _____

S/A/V: _____

Corrective Action: _____ Date: _____ CDP Num.: _____

Form 2A COAs:**S/A/V:** _____ **Comment:** _____**CA:** _____ **Date:** _____**Wildlife BMPs:**

BMP Type	Comment
Storm Water/Erosion Control	Operator has designed the well pad with insloping and a storm water control ditch to prevent storm water run-on/run-off and the release of fluids from the location. See attached Construction Layout Drawing.
Drilling/Completion Operations	Operator will implement interim reclamation measure 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. An Open Hole Resistivity log will be provided for one well on this pad, preferably the number 6 well.
Construction	The construction location will be fenced.
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 Freshwater Storage Pit/Pond.

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: 436811 Type: WELL API Number: 123-39277 Status: DG Insp. Status: WO

Idle WellPurpose: ☒ Shut In ☐ Temporarily Abandoned Reminder: _____

S/A/V: _____ CA Date: 09/08/2015

CA: _____

Comment: Well has been drilled. Current status shows drilling/ visual status shows that it has been drilled and is Shut in. Update well status to reflect current status.

Facility ID: 436812 Type: WELL API Number: 123-39278 Status: DG Insp. Status: WO

Idle WellPurpose: ☒ Shut In ☐ Temporarily Abandoned Reminder: _____

S/A/V: _____ CA Date: 09/08/2015

CA: _____

Comment: Well has been drilled. Current status shows drilling/ visual status shows that it has been drilled and is Shut in. Update well status to reflect current status.

Facility ID: 436920 Type: WELL API Number: 123-39331 Status: DG Insp. Status: WO

Idle WellPurpose: ☒ Shut In ☐ Temporarily Abandoned Reminder: _____

S/A/V: SATISFACTORY CA Date: 09/08/2015

CA: _____

Comment: Well has been drilled. Current status shows drilling/ visual status shows that it has been drilled and is Shut in. Update well status to reflect current status.

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): _____

Comment: _____

Pilot: _____ Wildlife Protection Devices (fired vessels): _____

Reclamation - Storm Water - Pit**Interim Reclamation:**

Inspector Name: Rains, Bill

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: RANGELAND

Comment: _____

1003a. Debris removed? Pass CM _____
CA _____ CA Date _____
Waste Material Onsite? 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 removed? Pass 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? 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 _____

Inspector Name: Rains, Bill

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					
Berms	Pass	Gravel	Pass	SI	Pass	
Ditches	Pass	Drains	Pass			

S/A/V: _____ Corrective Date: **09/22/2015**

Comment: **grading on location causing water collection in various spots when a stormwater event occurs**

CA: **grade location to remove large accumulated mudpuddles**

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
673901074	Tank placarding	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3669973
673901075	Wellhead signs	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3669974
673901076	Weeds and stormwater	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3669975
673901077	Stormwater	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=3669976

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.)