

FORM  
15Rev  
10/11

## State of Colorado

## Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



OGCC RECEPTION

Document Number:

400549850

## EARTHEN PIT REPORT / PERMIT

This form is to be used for both reporting and permitting pits. Rule 903 describes when a Permit with prior approval, or a Report within 30 days is required for pits. Submit required attachments and forms.

Form Type: ☒ PERMIT ☐ REPORT

OGCC PIT NUMBER: 436238

NOTE: Operator to provide OGCC Pit Number only if available on an existing pit for pit report

OGCC Operator Number: 10439

Contact Name: Cynthia Pinel

Name of Operator: CARRIZO NIOBRARA LLC

Address: 500 DALLAS STREET #2300

Phone: (713) 358-6210

City: HOUSTON

State: TX

Zip: 77002

Email: cynthia.pinel@crzo.net

## Pit Location Information

Operator's Pit/Facility Name: Bringelson Ranch

Operator's Pit/Facility Number: 1-20-9-58

API Number (associated well): 05- 00

OGCC Location ID (associated location): 423722

Or Form 2A #

Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): SWNW-20-9N-58W-6

Latitude: 40.739580

Longitude: -103.895170

County: WELD

## Operation Information

Pit Use/Type (Check all that apply): Pit Type: ☒ Lined ☐ Unlined☒ Drilling: (Ancillary, Completion, Flowback, Reserve Pits) ☐ Oil-based Mud; ☐ Salt Sections or High Chloride Mud☐ Production: ☐ Skimming/Settling; ☐ Produced Water Storage; ☐ Percolation; ☐ Evaporation☐ Special Purpose: ☐ Flare; ☐ Emergency; ☐ Blowdown; ☐ Workover; ☐ Plugging; ☐ BS&W/Tank Bottoms☒ Multi-Well Pit: Construction Date: 03/10/2014 Actual or Planned: Planned

Method of treatment prior to discharge into pit:

Offsite disposal of pit contents: ☐ Injection; ☐ Commercial; ☒ Reuse/Recycle; ☐ NPDES; Permit Number:

Other Information: FRESHWATER STORAGE ONLY

## Site Conditions

Distance (in feet) to the nearest surface water: 4750

Ground Water (depth): 90

Water Well: 3450

Is this location in a Sensitive Area? No

Existing Location?

## Pit Design and Construction

Size of Pit (in feet): Length: 320 Width: 400 Depth: 12 Calculated Working Volume (in barrels): 365

Flow Rates (in bbl/day): Inflow: 15360 Outflow: Evaporation: Percolation:

Primary Liner. Type: LLHDPE Thickness (mil): 30

Secondary Liner (if present): Type: Thickness (mil):

Is Pit Fenced? Yes Is Pit Netted? Yes Leak Detection? No

Other Information: NO LEAK DETECTION BUT WILL BE DOUBLE WELDED AND AIR TESTED.

Operator  
Comments:

## Certification

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: Print Name: Cynthia Pinel

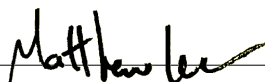
Title: Regulatory Comp. Analyst

Email: cynthia.pinel@crzo.net

Date: 02/04/2014

**Approval**

Signed: \_\_\_\_\_



Title: \_\_\_\_\_

Director of Cogcc

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

02/24/2014

**Best Management Practices**

<b><u>No</u></b>	<b><u>BMP/COA Type</u></b>	<b><u>Description</u></b>
1	Planning	The COGCC to be notified 48 hours prior to construction for the Freshwater Storage Pit.
2	Pre-Construction	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
3	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. Freshwater for the Freshwater Storage Pit comes from water provider; water sources. Permitted for consumable industrial use Operator shall not allow any fluids to flow back to the Freshwater Storage Pit/Pond. Freshwater Storage Pit shall contain freshwater only and signage prohibiting the use of the pit for any fluid that does not come from municipal, irrigation or surface water source.
4	Drilling/Completion Operations	The location will be fenced and fenced area will include the Freshwater Storage Pit. This pit will be built next to existing freshwater pit on the Bringelson Ranch 20-11-9-58 pad. Access to this pit will be utilized via the existing road from the before mentioned pad. The Freshwater Storage Pit will be screened off.

Total: 4 comment(s)

**CONDITIONS OF APPROVAL:****COA Type****Description**

	Form 2A COAs apply to this Fresh Water Storage Pit.
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