

FORM  
15Rev  
10/11State 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:

400465671

## 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: \_\_\_\_\_

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

OGCC Operator Number: 10439

Contact Name: Carol Pruitt

Name of Operator: CARRIZO NIOBRARA LLC

Address: 500 DALLAS STREET #2300

Phone: (713) 828-1000

City: HOUSTON

State: TX

Zip: 77002

Email: carol.pruitt@crzo.net

## Pit Location Information

Operator's Pit/Facility Name: Konig

Operator's Pit/Facility Number: \_\_\_\_\_

API Number (associated well): 05- \_\_\_\_\_

OGCC Location ID (associated location): \_\_\_\_\_

Or Form 2A # 400440261

Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): LOT 4-31-11N-59W-6

Latitude: 40.873000

Longitude: -104.028160

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: 09/20/2013 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 Pit Only.

## Site Conditions

Distance (in feet) to the nearest surface water: 1885

Ground Water (depth): 153

Water Well: 3050

Is this location in a Sensitive Area? No

Existing Location? \_\_\_\_\_

## Pit Design and Construction

Size of Pit (in feet): Length: 300 Width: 315 Depth: 12 Calculated Working Volume (in barrels): 15070  
0

Flow Rates (in bbl/day): Inflow: 0 Outflow: \_\_\_\_\_ Evaporation: \_\_\_\_\_ Percolation: \_\_\_\_\_

Primary Liner. Type: PPL Thickness (mil): 24

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

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

Other Information: \_\_\_\_\_

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: Carol Pruitt

Title: Regulatory Compliance

Email: Carol.Pruitt@crzo.net

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

**Approval**

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

Title: \_\_\_\_\_ Director of Cogcc

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

**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 of the Fresh Water Storage Pit. A Form 15 Pit Report will be submitted within 30 days of construction of the Fresh Water 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/runoff 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 wellsite during drilling and completion. Operator will implement best management practices to contain any unintentional release of fluids.
4	Material Handling and Spill Prevention	Fresh water for the Fresh Water Storage Pit comes from water provider; water sources permitted for consumable industrial use. Operator shall not allow any fluids to flow back to the Fresh Water Storage Pit/Pond. 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.
5	Drilling/Completion Operations	The location will be fenced and fenced area will include the Fresh Water Storage Pit. Portions of the access road will cross highly erodible soil. The road will be built to the minimal width required and ditch vegetation will be established to prevent erosion. Production equipment will be painted with consideration to environmental colors to reduce visual contrast with the surrounding environment. Gas engines will be equipped with mufflers to reduce noise. The fresh water storage pit will be screened to reduce visibility.

Total: 5 comment(s)

**CONDITIONS OF APPROVAL:**

<b><u>COA Type</u></b>	<b><u>Description</u></b>