

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:

401074248

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: 447858

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) 328-1000
 City: HOUSTON State: TX Zip: 77002 Email: CAROL.PRUITT@CRZO.NET

Pit Location Information

Operator's Pit/Facility Name: SIEVERS 1-3-7-62 Operator's Pit/Facility Number: _____
 API Number (associated well): 05- 123 36557 00
 OGCC Location ID (associated location): 431322 Or Form 2A # _____
 Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): SWSE-3-7N-62W-6
 Latitude: 40.596230 Longitude: -104.302989 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: 05/16/2013 Actual or Planned: Actual
 Method of treatment prior to discharge into pit: _____
 Offsite disposal of pit contents: ☐ Injection; ☐ Commercial; ☒ Reuse/Recycle; ☐ NPDES; Permit Number: _____
 Other Information: THIS IS FOR A FRESHWATER ONLY PIT THAT HAS ALREADY BEEN CONSTRUCTED. THIS FORM IS ACTUALLY A PIT REPORT. CARRIZO WANTS TO KEEP THE PIT FOR CONTINUED USE.

Site Conditions

Distance (in feet) to the nearest surface water: 2386 Ground Water (depth): 145 Water Well: 795
 Is this location in a Sensitive Area? No Existing Location? _____

Pit Design and Construction

Size of Pit (in feet): Length: 200 Width: 235 Depth: 12 Calculated Working Volume (in barrels): 65347
 Flow Rates (in bbl/day): Inflow: 0 Outflow: _____ Evaporation: _____ Percolation: _____
 Primary Liner. Type: PPL20 Thickness (mil): 20
 Secondary Liner (if present): Type: _____ Thickness (mil): _____
 Is Pit Fenced? Yes Is Pit Netted? No Leak Detection? No
 Other Information: _____

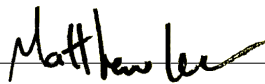
Operator Comments: THIS IS FOR A FRESHWATER ONLY PIT THAT HAS ALREADY BEEN CONSTRUCTED. THIS FORM IS ACTUALLY A PIT REPORT. CARRIZO WANTS TO KEEP THE PIT FOR FUTURE USE.

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: 07/11/2016
 T

Signed:

**Approval**

Title:

Director of COGCC

Date:

09/24/2016

Best Management Practices

No	<u>BMP/COA Type</u>	<u>Description</u>
1	General Housekeeping	FRESH WATER STORAGE PIT SHALL CONTAIN FRESH WATER ONLY AND SIGNAGE PROHIBITING THE USE OF THE PIT FOR ANY FLUIDS THAT DO NOT COME FROM MUNICIPAL, IRRIGATION OR SURFACE WATER SOURCE
2	General Housekeeping	THE LOCATION WILL BE FENCED AND THE FENCED AREA WILL INCLUDE THE FRESH WATER STORAGE PIT
3	Material Handling and Spill Prevention	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.
4	Drilling/Completion Operations	FRESH WATER FOR THE FRESH WATER STORAGE PIT COMES FROM WATER PROVIDER; WATER SOURCES PERMITTED FOR CONSUMABLE INDUSTRIAL USE
5	Drilling/Completion Operations	OPERATOR WILL ENSURE 110% SECONDARY CONTAINMENT FOR ANY VOLUME OF FLUIDS CONTAINED AT THE WELL SITE DURING DRILLING AND COMPLETION. OPERATOR WILL IMPLEMENT BEST MANAGEMENT PRACTICES TO CONTAIN UNINTENTIONAL RELEASE OF FLUIDS.
6	Drilling/Completion Operations	OPERATOR SHALL NOT ALLOW ANY FLUIDS TO FLOW BACK TO THE FRESH WATER PIT

Total: 6 comment(s)

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

--	--

Attachment Check List**Att Doc Num****Name**

401074248	PIT PERMIT SUBMITTED
401076677	TOPOGRAPHIC MAP
401076679	DETAILED SITE PLAN

Total Attach: 3 Files

General Comments**User Group****Comment****Comment Date**

Environmental	Pit Permit approved subject to Carrizo's pending Compliance Agreement.	9/24/2016 9:20:38 AM
Environmental	Changed SESE to SWSE per COGIS Maps.	9/24/2016 9:17:26 AM
Environmental	Updated lat/lon per operator.	8/22/2016 4:27:25 PM
Environmental	Need Lat/lon for SE Corner of Pit. (Operator contacted 8/15/16)	8/15/2016 8:22:59 AM

Total: 4 comment(s)