

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:

400329189

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: 431407

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

OGCC Operator Number: 10338

Contact Name: Tina Taylor

Name of Operator: CARRIZO OIL & GAS INC

Address: 500 DALLAS STREET #2300

Phone: (713) 328-1000

City: HOUSTON

State: TX

Zip: 77002

Email: tina.taylor@crzo.net

Pit Location Information

Operator's Pit/Facility Name: Castor

Operator's Pit/Facility Number: 36-31-9-59

API Number (associated well): 05-

OGCC Location ID (associated location): 427480

Or Form 2A #

Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): NWNW-36-9N-59W-6

Latitude: 40.711740

Longitude: -103.928820

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: 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: Fresh Water Storage only

Site Conditions

Distance (in feet) to the nearest surface water: 3145

Ground Water (depth): 170

Water Well: 2730

Is this location in a Sensitive Area? No

Existing Location? No

Pit Design and Construction

Size of Pit (in feet): Length: 240 Width: 210 Depth: 12 Calculated Working Volume (in barrels): 96786

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

Primary Liner. Type: PPL 20 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:

Certification

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

Signed: Print Name: Tina Taylor

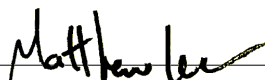
Title: Regulatory Compliance

Email: tina.taylor@crzo.net

Date: 09/21/2012

Approval

Signed: _____



Title: _____

Director of Cogcc

Date: _____

01/18/2013

BMP

<u>Type</u>	<u>Comment</u>
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.
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.
Site Specific	Fresh water for the Fresh Water Storage Pit comes from water provider; water sources permitted for consumable industrial use.
Site Specific	Operator shall not allow any fluids to flow back to the Fresh Water Storage Pit/Pond.
Site Specific	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.
Site Specific	The location will be fenced and the fenced area will include the Fresh Water Storage Pit.
Planning	The COGCC to be notified 48 hours prior to construction of the Fresh Water Storage Pit.
Drilling/Completion Operations	A Form 15 Pit Report will be submitted within 30 days of construction of the fresh water storage pit.

Total: 8 comment(s)

CONDITIONS OF APPROVAL: