

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:

2223614

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: 436478

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

OGCC Operator Number: 10071 Contact Name: Doug Dennison
 Name of Operator: BARRETT CORPORATION* BILL
 Address: 1099 18TH ST STE 2300 Phone: (970) 876-1959
 City: DENVER State: CO Zip: 80202 Email: ddennison@billbarrettcorp.com

Pit Location Information

Operator's Pit/Facility Name: Specialty Operator's Pit/Facility Number: 41A-28-692
 API Number (associated well): 05- 00
 OGCC Location ID (associated location): 383333 Or Form 2A #
 Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): NENE-28-6S-92W-6
 Latitude: 39.502487 Longitude: -107.666357 County: GARFIELD

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: 07/29/2010 Actual or Planned: Actual
 Method of treatment prior to discharge into pit: separator, filter
 Offsite disposal of pit contents: ☒ Injection; ☐ Commercial; ☐ Reuse/Recycle; ☐ NPDES; Permit Number:

Other Information: This pit was originally constructed and operated by BBC under the COGCC's rules prior to the rule changes that went into effect on April 1, 2009. Under the previous rules, it was unclear whether multi-well pits were subject to the pit permitting requirements. Through subsequent discussions between BBC and COGCC, BBC agreed to permit all existing multi-well pits. This pit was relined with a new liner and leak detection system, as described in Attachment B, on June 29, 2010. BBC is hereby requesting a variance from Rule 902.e so that the three year period for use of this pit begins on the date the pit was relined, June 29, 2010.


Distance (in feet) to the nearest surface water: 96 Ground Water (depth): 40 Water Well: 751
 Is this location in a Sensitive Area? Yes Existing Location?

Pit Design and Construction

Size of Pit (in feet): Length: 385 Width: 108 Depth: 20 Calculated Working Volume (in barrels): 10000
 0
 Flow Rates (in bbl/day): Inflow: 0 Outflow: Evaporation: 0 Percolation: 0
 Primary Liner. Type: Synthetic XR5 Thickness (mil): 30
 Secondary Liner (if present): Type: Synthetic Thickness (mil): 30
 Is Pit Fenced? Yes Is Pit Netted? No Leak Detection? Yes

Other Information: This pit is a component of BBC's water management and reuse system. This pit is not for the disposal of water. This pit will be used to store produced and flowback water for the reuse in well completions throughout BBC's operations. Water is transported to the pit via pipelines from producing well sites and flow-back of completed wells. The water stored in the pit and then transported to other well sites for completions via pipeline. Ultimately, when the water managed with this pit is no longer needed for reuse, the water is piped to one of BBC's injection well facilities for disposal. Currently, BBC has four injection wells that could be used for disposal of this water. Inflow and outflow will be variable during use of pit. Evaporation will not be a significant component, there will be no percolation through double-liner system.

Operator Comments:	Operator originally submitted Paper Form 15 10/19/10. COGCC data entered into eForms for review 5/1/12.		
Certification			
I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.			
Signed:	_____	Print Name:	Doug Dennison
Title:	Enviro/Govt Aff. Liaison	Email:	ddennison@billbarrettcorp.com
		Date:	03/27/2012

Approval			
Signed:		Title:	Director of Cogcc
		Date:	03/18/2014

Best Management Practices

<u>No</u>	<u>BMP/COA Type</u>	<u>Description</u>
1	Construction	Double-lined pit with leak detection

Total: 1 comment(s)

CONDITIONS OF APPROVAL:

<u>COA Type</u>	<u>Description</u>
	Operator must submit a Form 27 for closure of this pit within 90 days. Form 15 approved to generate a PIT ID Number.