

**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:**  
**2223606**

**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: 436479

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

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

**ATTACHMENTS**

Detailed Site Plan	<input type="checkbox"/>
Design/Cross Sec	<input type="checkbox"/>
Topo Map	<input type="checkbox"/>
Calculations	<input type="checkbox"/>
Sensitive Area Info	<input type="checkbox"/>
Mud Program	<input type="checkbox"/>
Form 2A	<input type="checkbox"/>
Form 26	<input type="checkbox"/>
Water Analysis	<input type="checkbox"/>

**Pit Location Information**

Operator's Pit/Facility Name:	<u>MDP</u>	Operator's Pit/Facility Number:	<u>4</u>
API Number (associated well):	<u>05-00</u>		
OGCC Location ID (associated location):	<u>415116</u>	Or Form 2A #	<u>                    </u>
Pit Location (QtrQtr, Sec, Twp, Rng, Meridian):	<u>SENE-32-6S-91W-6</u>		
Latitude:	<u>39.486560</u>	Longitude:	<u>-107.568180</u>
		County:	<u>GARFIELD</u>

**Operation Information**

Pit Use/Type (Check all that apply):	Pit Type:	<input checked="" type="checkbox"/> Lined	<input type="checkbox"/> Unlined
<input type="checkbox"/> Drilling: (Ancillary, Completion, Flowback, Reserve Pits)	<input type="checkbox"/> Oil-based Mud;	<input type="checkbox"/> Salt Sections or High Chloride Mud	
<input checked="" type="checkbox"/> Production:	<input type="checkbox"/> Skimming/Settling;	<input checked="" type="checkbox"/> Produced Water Storage;	<input type="checkbox"/> Percolation; <input type="checkbox"/> Evaporation
<input type="checkbox"/> Special Purpose:	<input type="checkbox"/> Flare; <input type="checkbox"/> Emergency;	<input type="checkbox"/> Blowdown; <input type="checkbox"/> Workover;	<input type="checkbox"/> Plugging; <input type="checkbox"/> BS&W/Tank Bottoms
<input checked="" type="checkbox"/> Multi-Well Pit:	Construction Date:	<u>10/01/2010</u>	Actual or Planned: <u>Actual</u>
Method of treatment prior to discharge into pit: <u>separator, filter</u>			
Offsite disposal of pit contents:	<input checked="" type="checkbox"/> Injection;	<input type="checkbox"/> Commercial;	<input type="checkbox"/> Reuse/Recycle; <input type="checkbox"/> NPDES;    Permit Number: <u>                    </u>
Other Information:	<u>Converted to Multi-well use on 10/1/10.</u>		

**Site Conditions**

Distance (in feet) to the nearest surface water:	<u>292</u>	Ground Water (depth):	<u>150</u>	Water Well:	<u>2640</u>
Is this location in a Sensitive Area?	<u>Yes</u>	Existing Location?	<u>                    </u>		

**Pit Design and Construction**

Size of Pit (in feet):	Length:	<u>450</u>	Width:	<u>185</u>	Depth:	<u>20</u>	Calculated Working Volume (in barrels):	<u>23000</u> <u>0</u>
Flow Rates (in bbl/day):	Inflow:	<u>0</u>	Outflow:	<u>                    </u>	Evaporation:	<u>0</u>	Percolation:	<u>0</u>
Primary Liner. Type:	<u>Synthetic XR5</u>		Thickness (mil):	<u>30</u>				
Secondary Liner (if present):	Type:	<u>Synthetic E30WBS</u>		Thickness (mil):	<u>30</u>			
Is Pit Fenced?	<u>Yes</u>	Is Pit Netted?	<u>No</u>	Leak Detection?	<u>Yes</u>			
Other Information:	<p>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.</p>							

Operator Comments: Form 15 submitted in hardcopy by BBC on 10/12/10. Entered into eForms for review by COGCC May 5, 2012.

**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.