

**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:**  
**400609122**

**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: 437295

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

OGCC Operator Number:	<u>10433</u>	Contact Name:	<u>Wayne P Bankert</u>
Name of Operator:	<u>PICEANCE ENERGY LLC</u>		
Address:	<u>1512 LARIMER STREET #1000</u>	Phone:	<u>(970) 812-5310</u>
City:	<u>DENVER</u>	State:	<u>CO</u> Zip: <u>80202</u> Email: <u>wbankert@laramie-energy.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>Federal</u>	Operator's Pit/Facility Number:	<u>31-01</u>
API Number (associated well):	<u>05-                      00</u>		
OGCC Location ID (associated location):	<u>335166</u>	Or Form 2A #	<u>400586579</u>
Pit Location (QtrQtr, Sec, Twp, Rng, Meridian):	<u>NENE-31-6S-93W-6</u>		
Latitude:	<u>39.489540</u>	Longitude:	<u>-107.811990</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 checked="" type="checkbox"/> Drilling: (Ancillary, Completion, Flowback, Reserve Pits)	<input type="checkbox"/> Oil-based Mud;	<input type="checkbox"/> Salt Sections or High Chloride Mud	
<input 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>05/19/2014</u>	Actual or Planned: <u>Planned</u>
Method of treatment prior to discharge into pit: _____			
Offsite disposal of pit contents:	<input type="checkbox"/> Injection;	<input checked="" type="checkbox"/> Commercial;	<input type="checkbox"/> Reuse/Recycle; <input type="checkbox"/> NPDES;    Permit Number: _____
Other Information:	<div style="border: 1px solid black; padding: 5px;"> <p>This form 15 is for re-opening and expanding a completion pit that was originally permitted and approved by the COGCC and BLM prior to 2009. This is a temporary combination produced water, freshwater storage pit to support completion of 5 wells on an adjacent Federal 2014 (Section 5). Once the completions are finished, the pit will be drained, the liner will be removed, and the pit will be backfilled. The location will return to its original state. 40 mil liner to be installed. Minimum 2' freeboard.</p> </div>		

Distance (in feet) to the nearest surface water:	<u>283</u>	Ground Water (depth):	<u>80</u>	Water Well:	<u>2725</u>
Is this location in a Sensitive Area?	<u>No</u>	Existing Location?	_____		

**Pit Design and Construction**

Size of Pit (in feet):	Length: <u>150</u>	Width: <u>130</u>	Depth: <u>15</u>	Calculated Working Volume (in barrels):	<u>40000</u>
Flow Rates (in bbl/day):	Inflow: <u>30000</u>	Outflow: _____	Evaporation: _____	Percolation: _____	
Primary Liner. Type:	<u>Poly</u>	Thickness (mil):	<u>24</u>		
Secondary Liner (if present):	Type: _____	Thickness (mil):	_____		
Is Pit Fenced?	<u>Yes</u>	Is Pit Netted?	<u>No</u>	Leak Detection?	<u>No</u>

Other Information:	<div style="border: 1px solid black; padding: 5px;"> <p>Pit will be fenced after construction. No netting is anticipated because of the limited time it will be in service and the amount of activity that will be on the site while the pit is in use. The pit will be filled from a temporary water line to be installed from an Encana water facility to the South. Piceance and Encana are working to amend their existing water use agreement to include this site. Also Piceance Energy intend to supplement water from Encana by hauling produced water from its field operations during the completion phase the The BLM is currently permitting the temporary line as a Right of Way and also approving the BLM Sundry for the pit. Flow Rates based on intermittent use during completion operations.</p> </div>
--------------------	--

Operator Comments: PIT IS TEMPORARY. RE-opening and expansion of original pit approved by BLM in original NEPA process. ANTICIPATED USAGE IS NOT TO EXCEED 3 MONTHS FROM FIRST STORAGE. PIT IS NEEDED TO SUPPORT COMPLETION OPERATIONS OF 5 WELLS ON ADJACENT PAD TO REDUCE TRUCKING AND ENVIRONMENTAL IMPACTS. PIT WILL BE MONITORED DURING TIMES OF USE WHEN >50% Full.

**Certification**

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

Signed: \_\_\_\_\_ Print Name: Wayne P. Bankert  
 Title: Snr. Reg. & Env. Coord. Email: wbankert@laramie-energy.com Date: 05/15/2014

**Approval**

Signed:  Title: Director of Cogcc Date: 05/23/2014

**Best Management Practices**

<b><u>No</u></b>	<b><u>BMP/COA Type</u></b>	<b><u>Description</u></b>
1	Wildlife	The pit is to be fenced to eliminate access by wildlife and or livestock. The pit will not be netted due to its short duration and also because the amount of activity that will be involved on location during its use.
2	Storm Water/Erosion Control	The Pit will be monitored and maintained under Piceance Energy's existing Helmer Gulch Stormwater Management plan for this area.
3	Construction	The pit will be constructed and lined by an operator with knowledge and experience of constructing these types of pits in the Piceance Basin.

Total: 3 comment(s)

**CONDITIONS OF APPROVAL:**

<b><u>COA Type</u></b>	<b><u>Description</u></b>
	Pit shall be closed in accordance with an approved Site Investigation and Remediation Workplan, Form 27, and in accordance with Rule 905. Closure of Pits, and Buried or Partially Buried Produced Water Vessels.
	The pit must be fenced. If the pit is not drained, or closure has not begun within 30 days after last use for well completion, the pit must be netted. The operator must maintain the fencing and netting until the pit is closed.