

**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:
400275766

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: 431406

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

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:	Debrine	Operator's Pit/Facility Number:	21-44-8-61
API Number (associated well):	05- 123 33958 00		
OGCC Location ID (associated location):	424270	Or Form 2A #	
Pit Location (QtrQtr, Sec, Twp, Rng, Meridian):	SESE-21-8N-61W-6		
Latitude:	40.640480	Longitude:	-104.204440
County:	WELD		

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 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:	05/20/2012	Actual or Planned: <u>Planned</u>
Method of treatment prior to discharge into pit: _____			
Offsite disposal of pit contents:	<input type="checkbox"/> Injection;	<input type="checkbox"/> Commercial;	<input checked="" type="checkbox"/> Reuse/Recycle; <input type="checkbox"/> NPDES; Permit Number: _____
Other Information:	Multi-Well Fresh Water Storage Pit		

Site Conditions

Distance (in feet) to the nearest surface water:	1825	Ground Water (depth):	50	Water Well:	3260
Is this location in a Sensitive Area?	No	Existing Location?	No		

Pit Design and Construction

Size of Pit (in feet):	Length:	270	Width:	140	Depth:	12	Calculated Working Volume (in barrels):	70884
Flow Rates (in bbl/day):	Inflow:	0	Outflow:		Evaporation:	0	Percolation:	0
Primary Liner. Type:	PPL 20		Thickness (mil):	20				
Secondary Liner (if present):	Type:		Thickness (mil):					
Is Pit Fenced?	Yes	Is Pit Netted?	Yes	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: 04/24/2012

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.
Material Handling and Spill Prevention	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.
Construction	The location will be fenced and the fenced area will include the Fresh Water Storage Pit.
Pre-Construction	The COGCC to be notified 48 hours prior to construction of the Fresh Water Storage Pit.
Planning	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:

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