

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:

400396408

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: _____

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

OGCC Operator Number: 100185 Contact Name: Heather Mitchell

Name of Operator: ENCANA OIL & GAS (USA) INC

Address: 370 17TH ST STE 1700 Phone: (720) 876-3070

City: DENVER State: CO Zip: 80202-5632 Email: heather.mitchell@encana.com

ATTACHMENTS

Detailed Site Plan

Design/Cross Sec

Topo Map

Calculations

Sensitive Area Info

Mud Program

Form 2A

Form 26

Water Analysis

Pit Location Information

Operator's Pit/Facility Name: Hunter Mesa Upper Pond Operator's Pit/Facility Number: _____

API Number (associated well): 05- _____ 00

OGCC Location ID (associated location): 149011 Or Form 2A # 400394003

Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): NESE-1-7S-93W-6

Latitude: 39.472219 Longitude: -107.717734 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: 07/01/2013 Actual or Planned: Planned

Method of treatment prior to discharge into pit: Filter at Pad, DAF at facility

Offsite disposal of pit contents: ☒ Injection; ☐ Commercial; ☒ Reuse/Recycle; ☐ NPDES; Permit Number: _____

Other Information: _____

Site Conditions

Distance (in feet) to the nearest surface water: 2040 Ground Water (depth): 60 Water Well: 1010

Is this location in a Sensitive Area? No Existing Location? _____

Pit Design and Construction

Size of Pit (in feet): Length: 750 Width: 120 Depth: 24 Calculated Working Volume (in barrels): 20000
0

Flow Rates (in bbl/day): Inflow: 15000 Outflow: 40000 Evaporation: 0 Percolation: 0

Primary Liner. Type: HDPE Thickness (mil): 60

Secondday Liner (if present): Type: HDPE Thickness (mil): 60

Is Pit Fenced? Yes Is Pit Netted? Yes Leak Detection? Yes

Other Information: Pit will be covered

Operator Comments:	This form 15 is part of a modification sundry to the Hunter Mesa Water Facility.
Certification	
I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.	
Signed: _____	Print Name: <u>Heather Mitchell</u>
Title: <u>Regulatory Analyst</u>	Email: <u>heather.mitchell@encana.com</u> Date: _____

Approval		
Signed: _____	Title: <u>Director of Cogcc</u>	Date: _____

<u>BMP</u>	
<u>Type</u>	<u>Comment</u>
Construction	<p>PRECONSTRUCTION Wattles, Silt Fence, Vegetation Buffers, Slash, Topsoil Windrows (diversions & ROP's), Scheduling, Phased Construction</p> <p>CONSTRUCTION/RECLAMATION (Not all are used all the time) Terminal Containment, Diversions, Run-On Protection, Tracking, Benching, Terracing, ECM (Erosion Control Mulch), ECB (Erosion Control Blanket), Check Dams, Seeding, Mulching, Water Bars, Stabilized Unpaved Surfaces (Gravel), Stormwater & Snow Storage Containment, Scheduling, Phased Construction, Temporary Flumes, Culverts with inlet & outlet protection, Rip Rap, TRM (Turf Reinforcement Mats), Maintenance, Scheduling, Phased Construction, Fueling BMP's, Waste Management BMP's, Materials Handling BMP's</p> <p>POST CONSTRUCTION/RECLAMATION Maintenance Revegetation Monitoring BMP maintenance & monitoring Weed Management</p>
Wildlife	<p>Minimize the number, length and footprint of oil & gas development roads Use existing routes where possible Combine utility infrastructure planning (gas, electric & water) when possible with roadway planning to avoid separate utility corridors Coordinate Employee transport when possible</p>
Total: 2 comment(s)	
CONDITIONS OF APPROVAL:	