

State of Colorado
Oil and Gas Conservation Commission

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received 11/29/2011
Facility 426706
document 200331145

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.

**Complete the
Attachment Checklist**

Oper OGCC

Detailed Site Plan	✓	
Topo Map w/ Pit Location	✓	
Water Analysis (Form 25)	✓	
Source Wells (Form 26)		
Pit Design/Plan & Cross Sect	✓	
Design Calculations	✓	
Sensitive Area Determ.	✓	
Mud Program		
Form 2A	✓	

FORM SUBMITTED FOR:

☐ Pit Report

☒ Pit Permit

OGCC Operator Number: 10084

Name of Operator: Pioneer Natural Resources USA, Inc.

Address: 1401 17th St, Suite 1200

City: Denver State: CO Zip: 80202

Contact Name and Telephone:

David Castro

No: 303-298-8100

Fax: 303-298-7800

API Number (of associated well): 05-071-08713

OGCC Facility ID (of other associated facility):

Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): NENW SEC. 15, T33S, R67W, 6TH P.M.

Latitude: 37.17568 Longitude: -104.87586 County: Las Animas

Pit Use: ☒ Production ☐ Drilling (Attach mud program) ☐ Special Purpose (Describe Use):

Pit Type: ☒ Lined ☐ Unlined Surface Discharge Permit: ☒ Yes ☐ No

Offsite disposal of pit contents: ☒ Injection ☐ Commercial Pit/Facility Name: Erin 21-15 Pit/Facility No:

Attach Form 26 to identify Source Wells and Form 25 to provide Produced Water Analysis results.

Existing Site Conditions

Is the location in a "Sensitive Area?" ☐ Yes ☒ No **Attach data used for determination.**

Distance (in feet) to nearest surface water: 820' ground water: 220' water wells: 910'

LAND USE (or attach copy of Form 2A if previously submitted for associated well) Select one which best describes land use:

Crop Land: ☐ Irrigated ☐ Dry Land ☐ Improved Pasture ☐ Hay Meadow ☐ CRP

Non-Crop Land: ☐ Rangeland ☐ Timber ☐ Recreational ☐ Other (describe):

Subdivided: ☐ Industrial ☐ Commercial ☐ Residential

SOILS (or attach copy of Form 2A if previously submitted for associated well)

Soil map units form USNRCS survey: Sheet No: Soil Complex/Series No:

Soils Series Name: Horizon thickness (in inches): A: ; B: ; C:

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Attach detailed site plan and topo map with pit location.

Pit Design and Construction

Size of pit (feet): Length: 70' Width: 35' Depth: 6'

Calculated pit volume (bbls): 2617 Daily inflow rate (bbls/day): 8

Daily disposal rates (attach calculations): Evaporation: 3.5 bbls/day Percolation: n/a bbls/day

Type of liner material: PVCR Faille Finish Fabric Thickness: 30mil

Attach description of proposed design and construction (include sketches and calculations).

Method of treatment of produced water prior to discharge into pit (separator, heater treater, other): separator

Is pit fenced? ☒ Yes ☐ No Is pit netted? ☐ Yes ☒ No

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

Print Name: David Castro

Signed: **David Castro**

Digitally signed by David Castro
DN: cn=David Castro, o=Pioneer Natural Resources
USA, Inc., ou, email=david.castro@pdx.com, c=US
Date: 2011.11.29 09:25:09 -0700

Title: Environmental Coordinator

Date: 11/29/11

OGCC Approved: Title: Date:

CONDITIONS OF APPROVAL, IF ANY:

FACILITY NUMBER: 426706