

State of Colorado
Oil and Gas Conservation Commission
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Pit_Facility 412383
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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 SUBMITTED FOR:

 Pit Report X Pit Permit

**Complete the
Attachment Checklist**

		Oper	OGCC
OGCC Operator Number: <u>10084</u>	Contact Name and Telephone: <u>David Castro</u>	Detailed Site Plan	X
Name of Operator: <u>PIONEER NATURAL RESOURCES USA, Inc.</u>	No: <u>303-298-8100</u>	Topo Map with Pit Location	X
Address: <u>1401 17th STREET, SUITE 1200</u>	Fax: <u>303-298-7800</u>	Water Analysis (Form 25)	n/a
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>		Source Wells (Form 26)	n/a
		Pit Design Plan & Cross Sect.	X
		Design Calculations	X
		Sensitive Area Determination	X
		Mud Program	n/a
		Form 2A	X

API Number (of associated well): 05-071-08889 COGCC Facility ID (of other associated facility): _____

Pit Location (QtrQtr, Sec, Twp, Rng, Meridian) SWNW, SEC. 6, T32S, R66W, 6TH P.M.

Latitude: 37.290834 Longitude: -104.828351 County: LAS ANIMAS

Pit Use: Production Drilling (Attach mud program) X Special Purpose (Describe use): Injection Well Emergency Overflow Pit

Pit Type: X Lined Unlined Surface Discharge Permit: X Yes No

Offsite disposal of pit contents: X Injection Commercial Pit/Facility Name: Ferminia 12-6 WD Pit/Facility No: _____

Form 25 to provide Produced Water Analysis results. See COA

Existing Site Conditions

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

Distance (in feet) to nearest surface water: 540.17' ground water: 60' water wells: : 748.43'

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 X Timber Recreational Other (describe): _____

Subdivided: Industrial Commercial Residential **Form 2A Attached**

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

Soil map units from USNRCS survey: Sheet No: 40 Soil Complex/Series No: TgE

Soils Series Name: Trujillo Sandy Loam Horizon thickness (in inches): A: 0-5 B: BA: 5-8 C: Bt1: 8-19

Attach detailed site plan and topo map with pit location.

Pit Design and Construction

Size of pit (feet): Length: 110 Width: 70 Depth: 6

Calculated pit volume (bbls): 8227 Daily inflow rate (bbls/day): UNKNOWN*

Daily disposal rates (attach calculations): Evaporation 11* bbl/day Percolation: n/a bbls/day

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

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 X No Is pit netted? Yes X 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:  Title: Environmental Coordinator Date: 5/17/10

OGCC Approved: _____ Title: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY: * Pit for emergency overflow protection. Produced water
Will not be stored or disposed of at this facility. Upon discovery of overflow, contents of this pit will
Be removed and disposed of in the adjacent water injection well.

Facility Number: **412383**