

State of Colorado
Oil and Gas Conservation Commission



1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303)894-2100 Fax:(303)894-2109

FOR OGCC USE ONLY

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

FORM SUBMITTED FOR:

Pit Report Pit Permit

Oper OGCC

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|------------------------------|--|--|
| 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 | | |

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|--|---|
| OGCC Operator Number: <u>100322</u> | Contact Name and Telephone: <u>LINDA J PAVELKA</u> |
| Name of Operator: <u>NOBLE ENERGY INC.</u> | No: <u>303-228-4064</u> |
| Address: <u>1625 BROADWAY, SUITE 2200</u> | Fax: <u>3003-228-4264</u> |
| City: <u>DENVER</u> State: <u>Co</u> Zip: <u>80202</u> | |

API Number (of associated well): _____ OGCC Facility ID (of other associated facility): 288688

Pit Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSE, Sec. 1, T8S, R96W 1J Well Pad

Latitude: _____ Longitude: _____ County: Weld

Pit Use: Production Drilling (Attach mud program) Special Purpose (Describe Use): Processed Water

Pit Type: Lined Unlined Surface Discharge Permit: Yes No

Offsite disposal of pit contents: Injection Commercial Pit/Facility Name: _____ 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: 1600' ground water: n/a water wells: n/a

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 from USNRCS survey: Sheet No: _____ Soil Complex/Series No: 56

Soils Series Name: Potts Loam, 6-12% slopes Horizon thickness (in inches): A: _____ ; B: _____ ; C: _____

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

Attach detailed site plan and topo map with pit location.

Pit Design and Construction

Size of pit (feet): Length: 100' Width: 50' Depth: 15'

Calculated pit volume (bbls): 11576 Daily inflow rate (bbls/day): 10-20

Daily disposal rates (attach calculations): Evaporation: _____ bbls/day Percolation: _____ bbls/day

Type of liner material: GEONET Thickness: 200 ML

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: LINDA PAVELKA Signed: *Linda Pavelka*

Title: REGULATORY MANAGER Date: 10/13/2009

OGCC Approved: _____ Title: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY:

FACILITY NUMBER: _____