

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

Oper OGCC

FORM SUBMITTED FOR:

☐ Pit Report☐ Pit Permit

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		

OGCC Operator Number: 100322

Name of Operator: NOBLE ENERGY INC.

Address: 1625 BROADWAY, SUITE 2200

City: DENVER State: Co Zip: 80202

Contact Name and Telephone:

LINDA J PAVELKA

No: 303-228-4064

Fax: 3003-228-4264

API Number (of associated well): OGCC Facility ID (of other associated facility): 288687

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

Latitude: Longitude: County: Weld

Pit Use: ☐ Production ☐ Drilling (Attach mud program) ☒ Special Purpose (Describe Use): Processed WaterPit Type: ☒ Lined ☐ Unlined Surface Discharge Permit: ☐ Yes ☒ NoOffsite 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: 4000' 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 ☐ CRPNon-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: 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:

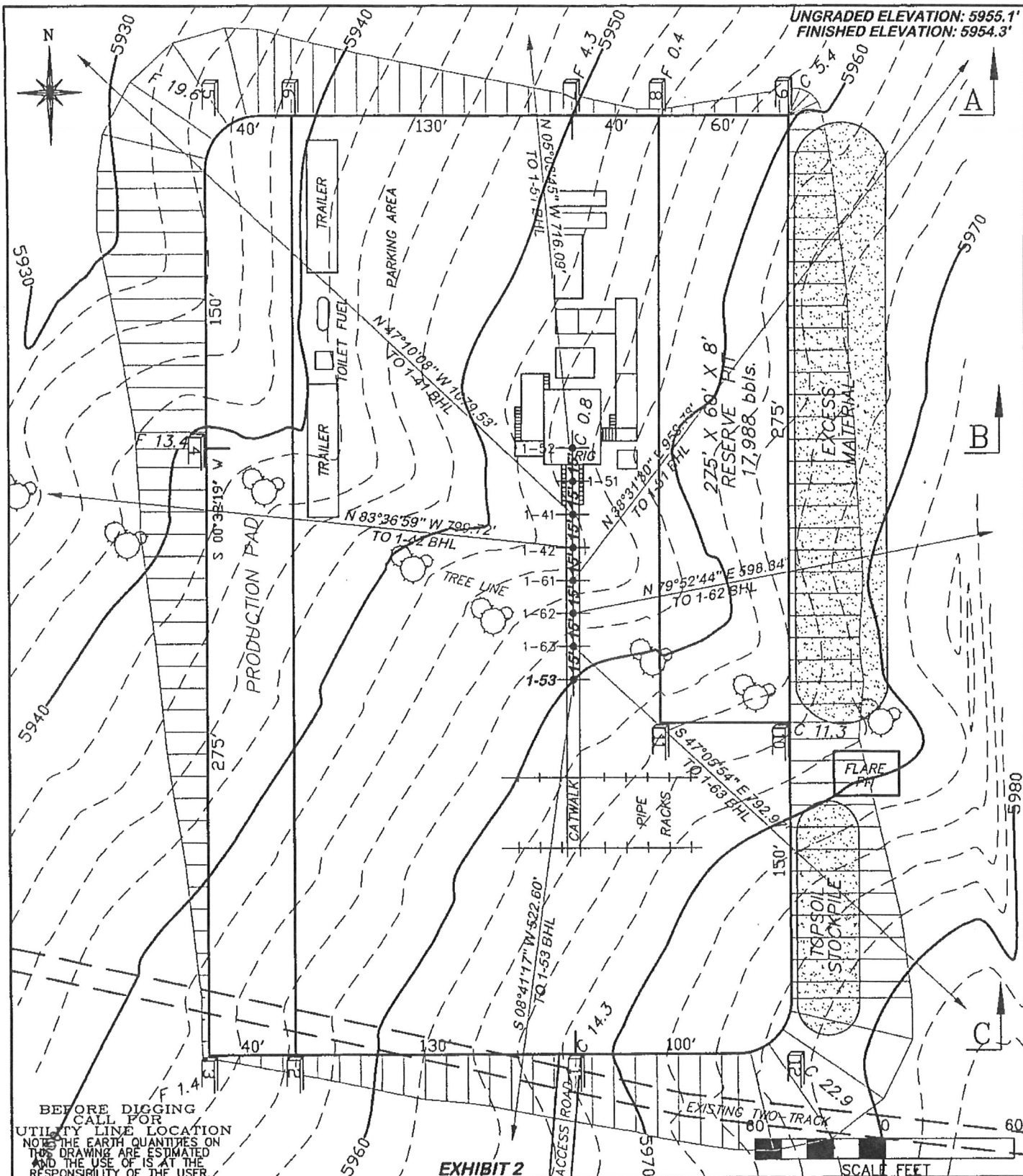
Title: REGULATORY MANAGER

Date: 10/13/2009

OGCC Approved: Title: Date:

CONDITIONS OF APPROVAL, IF ANY:

FACILITY NUMBER:



DRIFFIN & ASSOCIATES, INC.

1414 ELK ST., SUITE 202
ROCK SPRINGS, WY 82901
(307) 362-5028

SCALE: 1" = 60'

JOB No. 12054

DATE: 3/21/05

NOBLE ENERGY INC. 1B PAD

Section 1, T. 8 S., R. 96 W., Garfield County, Colorado

Page 1 of 1

GPS Readings Of As Drilled Conductor Locations
GPS Operator: Frank Collins On October 20, 2006
D. R. GRIFFIN & ASSOCIATES, Inc. #12054

Well Name	Surface Hole Location NAD27 North Latitude	Surface Hole Location NAD27 West Longitude	Surface Hole Location NAD83 North Latitude	Surface Hole Location NAD83 West Longitude	DISTANCE FROM NORTH LINE SECTION 1	DISTANCE FROM EAST LINE SECTION 1	ASHTECH Z- SURVEYOR PDOP Reading
CASS DUNCAN 1-32B	39.383812	108.055835	39.383790	108.056465	1091'	2241'	2.0
CASS DUNCAN 1-32A	39.383834	108.055834	39.383813	108.056464	1082'	2241'	2.0
CASS GARBER 1-31C	39.383857	108.055832	39.383835	108.056462	1074'	2240'	2.0
CASS GARBER 1-31B	39.383878	108.055831	39.383856	108.056462	1066'	2240'	2.0
CASS GARBER 1-31A	39.383901	108.055830	39.383879	108.056461	1058'	2240'	2.0
CASS NOCKS 1-41	39.383944	108.055829	39.383922	108.056460	1042'	2239'	2.0
CASS GARBER 1-52	39.383987	108.055828	39.383965	108.056458	1027'	2238'	2.0



Ext.

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Complete the
Attachment Checklist

FORM SUBMITTED FOR:

☐ Pit Report ☐ Pit Permit

OGCC Operator Number 100322
Name of Operator Noble Energy, Inc
Address 1625 Broadway, Suite 2000
City Denver State CO Zip 80202

Contact Name and Telephone
Jennifer Head
No 303-228-4036
Fax 303-228-4186

	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		

API Number (of associated well) 05-045-10886 OGCC Facility ID (of other associated facility) _____
Pit Location (QtrQtr, Sec, Twp, Rng, Meridian) NWNE Section 1, T8S, R96W (1B Pad - Cass Garber)
Latitude 39 3839 Longitude 108 056484 County Garfield
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 _____ 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 est 4200 ground water _____ water wells _____
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 _____
Soils Series Name _____ 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, Temporary Pit bbls/day Percolation _____ bbls/day
Type of liner material: reinforced polyethylene Thickness 12 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, Jennifer Head Signed _____
Title, Agent for Noble Energy, Inc Date, 12-27-06

OGCC Approved _____ Title: EPS Date: 1/4/07

CONDITIONS OF APPROVAL, IF ANY:

FACILITY NUMBER: 288684

COMPLY WITH ALL 900 SERIES
RULES WITH REGARDS TO PIT
CLOSURE

still existing 1/11/07