

800 Airport Road  
Suite 3  
Rifle, CO 81650  
  
Tel: 970.625.1494  
Fax: 970.625.1654  
www.nobleenergyinc.com



November 12, 2010

Chris Canfield, P.G.  
Environmental Protection Specialist, Northwest Region  
Colorado Oil & Gas Conservation Commission  
707 Wapiti Court  
Suite 204  
Rifle, CO 81650

RE: Battlement Mesa 26K Well Pad  
Form 4 Sundry Notice  
Sec. 26 T7S R95W  
Garfield County, Colorado

Dear Mr. Canfield:

Please review and approve the attached Form 4 Sundry Notice regarding burying cuttings on location.

Noble Energy would like to claim business confidentiality protection for the information submitted in this letter, the supporting materials attached and all previous and subsequent correspondence related to this matter.

If you require any additional information please contact me at 970.625.1494.

Sincerely,

A handwritten signature in blue ink, appearing to read 'BDanforth', with a long horizontal flourish extending to the right.

Brandon Danforth  
Environmental Specialist

Attachments



DE	ET	OE	ES

SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form.) Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b.)

1. OGCC Operator Number: <u>100322</u>	4. Contact Name <u>Brandon Danforth</u>	Complete the Attachment Checklist  OP OGCC
2. Name of Operator: <u>Noble Energy Inc.</u>	970-420-5184	
3. Address: <u>800 Airport Road, Suite 3</u> City: <u>Rifle</u> State: <u>CO</u> Zip: <u>81650</u>	Fax: <u>970-625-1654</u>	
5. API Number <u>05- (multiple - see pg 2)</u>	OGCC Facility ID Number	Survey Plat
6. Well/Facility Name: <u>BM 26K Pad</u>	7. Well/Facility Number	Directional Survey
8. Location (Qtr/Tr, Sec, Twp, Rng, Meridian): <u>NWSW 26 7S 95W 6 PM</u>		Surface Eqpmt Diagram
9. County: <u>Garfield</u>	10. Field Name:	Technical Info Page
11. Federal, Indian or State Lease Number:		Other Lab Report

General Notice

CHANGE OF LOCATION: Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)

Change of Surface Footage from Exterior Section Lines:	<input type="checkbox"/>	FNL/FSL	<input type="checkbox"/>	FEL/FWL	<input type="checkbox"/>
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/>				
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/>				
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/>				

Bottomhole location Qtr/Tr, Sec, Twp, Rng, Mer \_\_\_\_\_  
 Latitude \_\_\_\_\_ Distance to nearest property line \_\_\_\_\_ Distance to nearest bldg, public rd, utility or RR \_\_\_\_\_  
 Longitude \_\_\_\_\_ Distance to nearest lease line \_\_\_\_\_ Is location in a High Density Area (rule 603b)? Yes/No   
 Ground Elevation \_\_\_\_\_ Distance to nearest well same formation \_\_\_\_\_ Surface owner consultation date: \_\_\_\_\_

attach directional survey

GPS DATA:  
 Date of Measurement \_\_\_\_\_ PDOP Reading \_\_\_\_\_ Instrument Operator's Name \_\_\_\_\_

CHANGE SPACING UNIT

Formation	Formation Code	Spacing order number	Unit Acreage	Unit configuration

Remove from surface bond  
Signed surface use agreement attached

CHANGE OF OPERATOR (prior to drilling):  
 Effective Date: \_\_\_\_\_  
 Plugging Bond:  Blanket  Individual

CHANGE WELL NAME NUMBER  
 From: \_\_\_\_\_  
 To: \_\_\_\_\_  
 Effective Date: \_\_\_\_\_

ABANDONED LOCATION:  
 Was location ever built?  Yes  No  
 Is site ready for inspection?  Yes  No  
 Date Ready for Inspection: \_\_\_\_\_

NOTICE OF CONTINUED SHUT IN STATUS  
 Date well shut in or temporarily abandoned: \_\_\_\_\_  
 Has Production Equipment been removed from site?  Yes  No  
 MIT required if shut in longer than two years. Date of last MIT \_\_\_\_\_

SPUD DATE: \_\_\_\_\_

REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)

SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK \*submit cbl and cement job summaries

Method used	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom	Date

RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.  
 Final reclamation will commence on approximately \_\_\_\_\_  Final reclamation is completed and site is ready for inspection.

Technical Engineering/Environmental Notice

Notice of Intent Approximate Start Date: \_\_\_\_\_

Report of Work Done Date Work Completed: \_\_\_\_\_

Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)

<input type="checkbox"/> Intent to Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Disposal
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input type="checkbox"/> Status Update/Change of Remediation Plans
<input type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other: <u>T910-1 footnote 1</u>	for Spills and Releases

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

Signed: Brandon Danforth Date: 11-12-2010 Email: bdanforth@nobleenergyinc.com  
Print Name: Brandon Danforth Title: Environmental Specialist

COGCC Approved: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number: <u>100322</u> API Number: <u>(multiple - see below)</u>
2. Name of Operator: <u>Noble Energy Inc.</u> OGCC Facility ID # _____
3. Well/Facility Name: <u>BM 26K Pad</u> Well/Facility Number: _____
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>NWSW 26 7S 95W 6 PM</u>

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS**

Per footnote 1 in Table 910-1, which states that "Consideration shall be given to background concentration levels in native soils and ground water," Noble Energy, Inc., would like to request the application of this footnote to drill cuttings on the Battlement Mesa 26K pad (location information listed above). Multiple wells are associated with these cuttings and are listed below with API numbers.

- BM 26-12B, API # 0504516075
- BM 26-12C, API # 0504516076
- BM 26-12D, API # 0504516077
- BM 26-13A, API # 0504516078
- BM 26-13B, API # 0504516079
- BM 26-13C, API # 0504516080
- BM 26-13D, API # 0504516081
- BM 26-14A, API # 0504516082
- BM 26-22B, API # 0504516086
- BM 26-22C, API # 0504516087
- BM 26-22D, API # 0504516074
- BM 26-23A, API # 0504516083
- BM 26-23B, API # 0504516084
- BM 26-23C, API # 0504516085
- BM 26-34C, API # 0504515741

Concentrations of arsenic (As) in the drill cuttings (7.01 mg/kg) from this pad are higher than the Table 910-1 threshold (0.39 mg/kg), but are lower than the average background concentration (7.37 mg/kg, average of 6.39 mg/kg (BG1) and 8.34 mg/kg (BG2)). The cuttings sample collected for analysis was a composite, collected from several points within the cuttings. The background samples were grab samples, collected from several inches within the cut slope (BG1) and the fill slope (BG2) on location. Attached is the laboratory report with the cuttings and background As concentrations. Based on the results, Noble Energy, Inc., would like to request COGCC approval for application of footnote 1 in regards to As for the burial of these cuttings on location.

7/16/2010

Noble Energy Inc.  
Brandon Danforth  
804 Grand Avenue  
Platteville CO 80651

Project Name- 26K Cuttings

Project Number- N/A

Attached are your analytical results for 26K Cuttings received by Origins Laboratory, Inc. June 30, 2010 2:00 pm. This project is associated with Origins project number X006216-01

The analytical results in the following report were analyzed under the guidelines of EPA Methods specified in SW-846. The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.  
303.433.1322  
o-squad@oelabinc.com



Noble Energy Inc.  
804 Grand Avenue  
Platteville CO 80651

Brandon Danforth  
Project Number: N/A  
Project: 26K Cuttings

**CROSS REFERENCE REPORT**

Sample ID	Laboratory ID	Matrix	Sampled	Date Received
26K-1	X006216-01	Soil	6/29/2010 1:50:00PM	06/30/2010 14:00
26K-LM	X006216-02	Soil	6/29/2010 2:10:00PM	06/30/2010 14:00
26K-BG1	X006216-03	Soil	6/29/2010 2:20:00PM	06/30/2010 14:00
26K-BG2	X006216-04	Soil	6/29/2010 2:25:00PM	06/30/2010 14:00

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

\_\_\_\_\_  
Noelle E Doyle.



Noble Energy Inc.  
804 Grand Avenue  
Platteville CO 80651

Brandon Danforth  
Project Number: N/A  
Project: 26K Cuttings

26K-1

6/29/2010 1:50:00PM

Analyte	Result	Minimum Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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XENCO

X006216-01 (Soil)

**Metals by SW6020**

Arsenic	7.01	0.119	0.661	mg/kg	1	813924	07/06/2010	07/08/2010	v
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Origins Laboratory, Inc.



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\_\_\_\_\_  
Noelle E Doyle.

Noble Energy Inc.  
804 Grand Avenue  
Platteville CO 80651

Brandon Danforth  
Project Number: N/A  
Project: 26K Cuttings

**26K-BG1**

6/29/2010 2:20:00PM

Analyte	Result	Minimum Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**XENCO**

X006216-03 (Soil)

**Metals by SW6020**

Arsenic	6.39	0.101	0.564	mg/kg	1	813924	07/06/2010	07/08/2010	v
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Origins Laboratory, Inc.



Noelle E Doyle.

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Noble Energy Inc.  
804 Grand Avenue  
Platteville CO 80651

Brandon Danforth  
Project Number: N/A  
Project: 26K Cuttings

**26K-BG2**

6/29/2010 2:25:00PM

Analyte	Result	Minimum Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**XENCO**

X006216-04 (Soil)

**Metals by SW6020**

Arsenic	8.34	0.098	0.542	mg/kg	1	813924	07/06/2010	07/08/2010	V. J
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Origins Laboratory, Inc.



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\_\_\_\_\_  
Noelle E Doyle.

Noble Energy Inc.  
 804 Grand Avenue  
 Platteville CO 80651

Brandon Danforth  
 Project Number: N/A  
 Project: 26K Cuttings

## Metals by SW6020 - Quality Control XENCO

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 813924 - SW3050B</b>										
<b>MS (379755-004 S)</b>		Source: 379755-004 S			Prepared: 07/06/2010 Analyzed: 07/08/2010					
Arsenic	28	0.542	mg/kg	3250	8.34	1	75-125	0	30	
<b>MSD (379755-004 SD)</b>		Source: 379755-004 SD			Prepared: 07/06/2010 Analyzed: 07/08/2010					
Arsenic	27.4	0.542	mg/kg	3250	8.34	1	75-125	2	30	
<b>LCS (567346-1-BKS)</b>		Source: 567346-1-BKS			Prepared: 07/06/2010 Analyzed: 07/08/2010					
Arsenic	18.7	0.5	mg/kg	20.0	0.14	94	75-125	0	30	
<b>BLANK (567346-1-BLK)</b>		Source: 567346-1-BLK			Prepared: 07/06/2010 Analyzed: 07/08/2010					
Arsenic	0.14	0.5	mg/kg	20.0			-	0	30	I

Origins Laboratory, Inc.



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Noelle E Doyle.

Noble Energy Inc.  
804 Grand Avenue  
Platteville CO 80651

Brandon Danforth  
Project Number: N/A  
Project: 26K Cuttings

**TCLP Metals by SW1311/6010B - Quality Control  
XENCO**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 813922 - SW3010A</b>										
<b>LCS (567453-1-BKS)</b> Source: 567453-1-BKS Prepared: 07/07/2010 Analyzed: 07/08/2010										
Arsenic	1.04	0.01	mg/L	1.00	0.006	104	75-125	0	20	
<b>BLANK (567453-1-BLK)</b> Source: 567453-1-BLK Prepared: 07/07/2010 Analyzed: 07/08/2010										
Arsenic	0.006	0.01	mg/L	1.00			-	0	20	I

Origins Laboratory, Inc.



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Noelle E Doyle,

Noble Energy Inc.  
804 Grand Avenue  
Platteville CO 80651

Brandon Danforth  
Project Number: N/A  
Project: 26K Cuttings

**Notes and Definitions**

- V detected in sample and blank
- J % recovery for compound failed low in the MS and/or MSD. LCS passed. Compound on parent sample flagged with "J"
- I Sample result was found between MDL and RL
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Origins Laboratory, Inc.



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\_\_\_\_\_  
Noelle E Doyle.