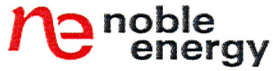


800 Airport Road  
Suite 3  
Rifle, CO 81650



Tel: 970.625.1494  
Fax: 970.625.1654  
www.nobleenergyinc.com

December 15, 2010

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

RE: SGV 2O Well Pad  
COGCC Location ID # 334103  
Form 4 Sundry Notice  
Sec. 2 T8S R96W  
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 'Brandon', with a long horizontal flourish extending to the right.

Brandon Danforth  
Environmental Specialist

Attachments

State of Colorado  
Oil and Gas Conservation Commission

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



SGV 20

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: 100322	4. Contact Name: Brandon Danforth	Complete the Attachment Checklist OP OGCC
2. Name of Operator: Noble Energy Inc.	970-420-5184	
3. Address: 800 Airport Road, Suite 3 City: Rifle State: CO Zip: 81650	Fax: 970-625-1654	
5. API Number: 05- (multiple - see pg 2)	OGCC Facility ID Number: 334103	Survey Plat
6. Well/Facility Name: SGV 20 Well Pad	7. Well/Facility Number	Directional Survey
8. Location (Qtr/Sec. Twp. Rng. Meridian): SWSE 2 8S 96W 6 PM		Surface Equip Diagram
9. County: Garfield	10. Field Name	Technical Info Page
11. Federal, Indian or State Lease Number		Other Lab Report

General Notice

<input type="checkbox"/> 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"/> FNU/SL <input type="checkbox"/> FEL/FWL
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"/> attach directional survey
Bottomhole location Qtr/Sec. Twp. Rng. Mer	
Latitude	Distance to nearest property line
Longitude	Distance to nearest bldg, public rd, utility or RR
Ground Elevation	Distance to nearest lease line
	Is location in a High Density Area (rule 603b)? Yes/No
	Distance to nearest well same formation
	Surface owner consultation date:
GPS DATA:	
Date of Measurement	PDOP Reading
	Instrument Operator's Name
<input type="checkbox"/> CHANGE SPACING UNIT	
Formation	Formation Code
Spacing order number	Unit Acreage
Unit configuration	<input type="checkbox"/> Remove from surface bond
	Signed surface use agreement attached
<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling):	
Effective Date:	
Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual	
<input type="checkbox"/> CHANGE WELL NAME	
From:	NUMBER
To:	
Effective Date:	
<input type="checkbox"/> ABANDONED LOCATION:	
Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date Ready for Inspection:	
<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS	
Date well shut in or temporarily abandoned:	
Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No	
MIT required if shut in longer than two years. Date of last MIT	
<input type="checkbox"/> SPUD DATE:	
<input type="checkbox"/> REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)	
<input type="checkbox"/> SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK	
Method used	Cementing tool setting/perf depth
Cement volume	Cement top
Cement bottom	Date
*submit cbl and cement job summaries	
<input type="checkbox"/> RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.	
Final reclamation will commence on approximately	
<input type="checkbox"/> Final reclamation is completed and site is ready for inspection.	

Technical Engineering/Environmental Notice

<input type="checkbox"/> Notice of Intent		<input type="checkbox"/> Report of Work Done
Approximate Start Date:		Date Work Completed:
Details of work must be described in full on Technical Information Page 1 (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: T910-1 footnote 1	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: 12-15-2010 Email: bdanforth@nobleenergyinc.com  
Print Name: Brandon Danforth Title: Environmental Specialist

OGCC Approved: for Chris Camfield Title: Date: 12/21/2010  
CONDITIONS OF APPROVAL IF ANY

EPS NW Region

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

1. OGCC Operator Number:	100322	API Number:	multiple - see below
2. Name of Operator:	Noble Energy Inc.	OGCC Facility ID #	334103
3. Well/Facility Name:	SGV 2O Well Pad	Well/Facility Number:	
4. Location (QtrQtr, Sec, Twp, Rng, Meridian):	SWSE 2 8S 96W 6 PM		

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 SGV 2O well pad (location information listed above). Multiple wells are associated with these cuttings and are listed below with API numbers.

- Hyrup 2-34B, API # 05-045-14067
- Hyrup 2-34C, API # 05-045-14035
- Hyrup 11-31A, API # 05-045-14059
- Hyrup 11-41B, API # 05-045-14061

Concentrations of arsenic (As) in the drill cuttings (4.2 mg/kg) from this pad are higher than the Table 910-1 threshold (0.39 mg/kg), but are lower than the background concentration (9.87 mg/kg). The cuttings sample collected for analysis was a composite, collected from several points within the cuttings. The background sample was a grab sample, collected from several inches into the cut slope 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.



12/03/2010

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

Project Name- 8D/20 Cut

Project Number- N/A

Attached are your analytical results for 8D/20 Cut received by Origins Laboratory, Inc. November 18, 2010 1:00 pm. This project is associated with Origins project number X011125-01.

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: 8D/20 Cut

**CROSS REFERENCE REPORT**

Sample ID	Laboratory ID	Matrix	Sampled	Date Received
20 Cut	X011125-01	Soil	11/17/2010 10:45:00AM	11/18/2010 13:00

Origins Laboratory, Inc.



Noelle E Doyle,

*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.*

Brandon Danforth  
Project Number: N/A  
Project: 8D/20 Cut

[www.originslaboratory.com](http://www.originslaboratory.com)

Page 7 of 7

# ORIGINS

Client:	Noble Energy	Project Manager:	T. DeLorenzo
Address:	800 Airport Rd Ste 3	Project Name:	SD/20 Cat
	Rt 10 CO 81650	Project Number:	
Telephone Number:	970-420-5184	Samples Collected By:	B.D.
Email Address:			

[illegible]

**Note Results Needed**

1725 Elk Place | Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Origins Laboratory, Inc.

Noelle E Doyle,

*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.*

Noble Energy Inc.  
804 Grand Avenue  
Platteville CO 80651

Brandon Danforth  
Project Number: N/A  
Project: 8D/20 Cut

## 20 Cut

11/17/2010 10:45:00AM

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

X011125-01 (Soil)

### Metals by SW6010B

Arsenic	4.2	0.909	1.82	mg/kg	1	833533	11/26/2010	11/29/2010	
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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: 8D/20 Cut

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

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: 8D/20 Cut

---

Notes and Definitions

IV [Undefined]

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

Origins Laboratory, Inc.



\_\_\_\_\_  
Noelle E Doyle,

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4640 Pecos Street | Unit C | Denver, Colorado 80211  
303.433.1322 Phone 303.265.9645 Fax

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January 21, 2010

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Noble Energy, Inc. – Rifle

800 Airport Road, Suite 3

Rifle CO 81650

Brandon Danforth

Project Number: [none]

Project: 20-Preclosure

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Attached are the analytical results for 20-Preclosure received by Origins Laboratory, Inc. 1/16/2010 11:58:00AM. Please let us know if you have any questions, or if we can help with anything at all.

Laboratory Manager

Noelle E Doyle

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. This laboratory report is intended solely for the above addressee and it is only to be used and or reproduced in its entirety.

4640 Pecos Street | Unit C  
Denver, Colorado 80211  
303.433.1322 | Laboratory  
303.265.9645 | Fax



Noble Energy, Inc. – Rifle  
800 Airport Road, Suite 3  
Rifle CO 81650

Brandon Danforth  
Project Number: [none]  
Project: 20-Preclosure

#### CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Sampled	Date Received
20-Preclosure	X001084-01	Soil	1/15/2010 2:00:00PM	01/16/2010 11:58
20-BG	X001084-02	Soil	1/15/2010 1:40:00PM	01/16/2010 11:58

Origins Laboratory, Inc.

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in accordance with the chain of custody document. This  
analytical report must be reproduced in its entirety.*

Noelle E Doyle, Laboratory Manager

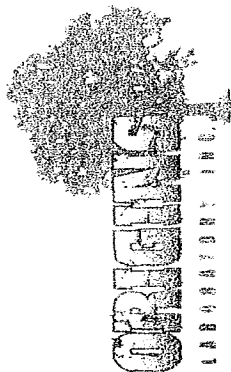
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303.265.9645 | Fax



Noble Energy, Inc. - Rifle  
800 Airport Road, Suite 3  
Rifle CO 81650

Brandon Danforth  
Project Number: [none]  
Project: 20-Preclosure

X001084  
page 1 of 1



originslaboratory.com

Client	Noble Energy	Project Manager	B. Danforth
Address	800 Airport Rd Ste 3	Project Name	20 - preclosure
	Rifle CO 81635	Project Number	
Telephone Number	970-420-5184	Samples Collected by	B. Danforth
E-Mail Address	bdanforth@nobleenergyinc.com		

Sample ID - Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix			Analysis																				
				Unpreserved	HCl	HNO <sub>3</sub>	Other	Groundwater	Soil	Air - Summa Canister #	Other	COGCC T910-1	As	PH, EC, SAR																	
20 - preclosure	1-15-10	1400	8	X						X																					
20 - BG	1-15-10	1340	1	X						X																					

Relinquished by	Date	Time	Received by	Date	Time	Temperature Upon Receipt
	1-15-10	1600	FedEx	1-15-10	1606	
Relinquished by	Date	Time	Received by	Date	Time	Turn Around Time
				1-15-10	1654	24-hr 48-hr 72-hr ASAP

4640 North Pecos Street | Unit C | Denver, Colorado 80211 | Laboratory - 303.433.1322 | Fax - 303.265.9645

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

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Denver, Colorado 80211  
303.433.1322 | Laboratory  
303.265.9645 | Fax



Noble Energy, Inc. – Rifle  
800 Airport Road, Suite 3  
Rifle CO 81650

Brandon Danforth  
Project Number: [none]  
Project: 20-Preclosure

20-BG  
X001084-02 (Soil)

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
			Limit							

GENAPURE

Metals by SW6020

Arsenic	9.87	0.13	0.721	mg/kg	1	790246	01/18/2010	01/21/2010
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Percent Moisture by D2216

Percent Moisture	30.7	1	1	mg/kg	1	790299	01/21/2010	01/21/2010
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Origins Laboratory, Inc.

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Noelle E Doyle, Laboratory Manager

4640 Pecos Street | Unit C  
Denver, Colorado 80211  
303.433.1322 | Laboratory  
303.265.9645 | Fax



Noble Energy, Inc. – Rifle  
800 Airport Road, Suite 3  
Rifle CO 81650

Brandon Danforth  
Project Number: [none]  
Project: 20-Preclosure

**Metals by SW6020 – Quality Control**  
**GENAPURE**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
<b>Batch 790246 – SW3050B</b>										
<b>MS (358902–009 S)</b>		<b>Source: 358902–009 S</b>			<b>Prepared: 01/18/2010 Analyzed: 01/21/2010</b>					
Arsenic	18.8	0.5	MG/KG	20.0	0.45	92	75–125	0	30	
<b>MSD (358902–009 SD)</b>		<b>Source: 358902–009 SD</b>			<b>Prepared: 01/18/2010 Analyzed: 01/21/2010</b>					
Arsenic	18.8	0.5	MG/KG	20.0	0.45	92	75–125	0	30	
<b>LCS (547830–1–BKS)</b>		<b>Source: 547830–1–BKS</b>			<b>Prepared: 01/18/2010 Analyzed: 01/21/2010</b>					
Arsenic	19.2	0.5	MG/KG	20.0	<0.090	96	75–125	0	30	
<b>BLANK (547830–1–BLK)</b>		<b>Source: 547830–1–BLK</b>			<b>Prepared: 01/18/2010 Analyzed: 01/21/2010</b>					
Arsenic	ND	0.5	MG/KG	20.0			–	0	30	

Origins Laboratory, Inc.

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in accordance with the chain of custody document. This  
analytical report must be reproduced in its entirety.*

Noelle E Doyle, Laboratory Manager

4640 Pecos Street | Unit C  
Denver, Colorado 80211  
303.433.1322 | Laboratory  
303.265.9645 | Fax



Noble Energy, Inc. – Rifle  
800 Airport Road, Suite 3  
Rifle CO 81650

Brandon Danforth  
Project Number: [none]  
Project: 20-Preclosure

### Notes and Definitions

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.

*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, Laboratory Manager