

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: SGV 2O Well Pad  
Hyurp 2-34A Well (API # 05-045-14066)  
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 Danforth'.

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>	5. API Number <u>05-045-14066</u>	
3. Address: <u>800 Airport Road, Suite 3</u> City: <u>Rifle</u> State: <u>CO</u> Zip: <u>81650</u>	6. Well/Facility Name: <u>Hyrup 2-34A</u>	
7. Well/Facility Number: _____	8. Location (Qtr/Sec, Twp, Rng, Meridian): <u>SWSE 2 8S 96W 6 PM</u>	9. County: <u>Garfield</u>
10. Field Name: _____	11. Federal, Indian or State Lease Number: _____	

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"/> FNL/FSL <input type="checkbox"/> FEL/FWL
Change of Surface Footage to Exterior Section Lines:	<input type="checkbox"/> FNL/FSL <input type="checkbox"/> FEL/FWL
Change of Bottomhole Footage from Exterior Section Lines:	<input type="checkbox"/> FNL/FSL <input type="checkbox"/> FEL/FWL
Change of Bottomhole Footage to Exterior Section Lines:	<input type="checkbox"/> FNL/FSL <input type="checkbox"/> FEL/FWL attach directional survey
Bottomhole location Qtr/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 <input type="checkbox"/>
Ground Elevation _____	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	<input type="checkbox"/> Remove from surface bond
Formation _____ Spacing order number _____ Unit Acreage _____ Unit configuration _____	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 NUMBER From: _____ 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 *submit cbl and cement job summaries	
Method used _____	Cementing tool setting/perf depth _____ Cement volume _____ Cement top _____ Cement bottom _____ Date _____
<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 Approximate Start Date: _____	<input type="checkbox"/> 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:  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>05-045-14066</u>
2. Name of Operator: <u>Noble Energy Inc.</u> OGCC Facility ID # _____
3. Well/Facility Name: <u>Hyrup 2-34A</u> Well/Facility Number: _____
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>SWSE 2 8S 96W 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 South Grand Valley 2O pad (location information listed above). One well (Hyrup 2-34A, API # 05-045-14066) is associated with the cuttings.

Concentrations of arsenic (As) in the drill cuttings (8.14 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 composite, collected from several points within 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.



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.

*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.*

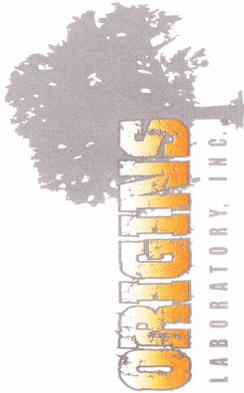
Noelle E Doyle, Laboratory Manager



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

Sample ID - Description	Date Sampled	Time Sampled	Preservative				Matrix				Analysis	Date	Time	Temperature Upon Receipt:					
			Unpreserved	HCl	HNO <sub>3</sub>	Other	Groundwater	Soil	Air - Summa Canister #	Other				Same Day	48-hr	72-hr			
20 - preclosure	1-15-10	1400	X				X					X	1-15-10	1600			X		
20 - BG	1-15-10	1340	X				X					X	1-15-10	1600					ASAP
X001084 COGCC T910-1 soil PH, EC, SAR As COGCC T910-1 soil analysis																			
Relinquished by: <u>[Signature]</u> Relinquished by: <u>[Signature]</u>																			

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

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Noble Energy, Inc. – Rifle  
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Rifle CO 81650

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

**20–Preclosure**  
**X001084–01 (Soil)**

Analyte	Result	MDL	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
			Limit							

**GENAPURE**

**Metals by SW6020**

Arsenic	<b>8.14</b>	0.125	0.694	mg/kg	1	790246	01/18/2010	01/21/2010
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**Percent Moisture by D2216**

Percent Moisture	<b>28</b>	1	1	mg/kg	1	789820	01/18/2010	01/18/2010
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Origins Laboratory, Inc.

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Noelle E Doyle, Laboratory Manager



Noble Energy, Inc. – Rifle  
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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	<b>9.87</b>	0.13	0.721	mg/kg	1	790246	01/18/2010	01/21/2010
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**Percent Moisture by D2216**

Percent Moisture	<b>30.7</b>	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



Noble Energy, Inc. – Rifle  
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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>			Prepared: 01/18/2010 Analyzed: 01/21/2010					
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>			Prepared: 01/18/2010 Analyzed: 01/21/2010					
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>			Prepared: 01/18/2010 Analyzed: 01/21/2010					
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>			Prepared: 01/18/2010 Analyzed: 01/21/2010					
Arsenic	ND	0.5	MG/KG	20.0			–	0	30	

Origins Laboratory, Inc.

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Noble Energy, Inc. – Rifle  
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Brandon Danforth  
Project Number: [none]  
Project: 20–Preclosure

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### 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.

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Noelle E Doyle, Laboratory Manager