



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

November 25, 2008

Noble Energy Inc.

804 Grand Avenue

Platteville

CO

80651

Marty Faraguna

Project Number: N/A

Project: Patriot B16 9-16

Attached are the analytical results for Patriot B16 9-16 received by Origins Laboratory, Inc. 11/21/2008 10:00:00AM. 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.
804 Grand Avenue
Platteville CO 80651

Marty Faraguna
Project Number: N/A
Project: Patriot B16 9-16

CROSS REFERENCE REPORT

Laboratory ID	Sample ID	Matrix	Sampled	Date Received
Sample N	X811084-01	Soil	11/20/2008 12:30:00PM	11/21/2008 10:00
Sample E	X811084-02	Soil	11/20/2008 12:30:00PM	11/21/2008 10:00
Sample W	X811084-03	Soil	11/20/2008 12:30:00PM	11/21/2008 10:00
Sample S	X811084-04	Soil	11/20/2008 12:30:00PM	11/21/2008 10:00
Sample B1	X811084-05	Soil	11/20/2008 12:30:00PM	11/21/2008 10:00
Sample B2	X811084-06	Soil	11/20/2008 12:30:00PM	11/21/2008 10:00

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.

Marty Faraguna
Project Number: N/A
Project: Patriot B16 9-16



CORTINA
LABORATORY, INC.

Client	Noble Energy	Project Manager	M. Faraguna
Address	804 Grand Ave. Patterson, CA 95651	Project Name	Patterson Bldg 9-16
Telephone Number	920 245-5000	Project Number	
E-Mail Address		Samples Collected by	myf

Sample ID - Description	Date Sampled	Time Sampled	Number of Containers	Preservative					Matrix			Analysis			Sample Instructions
				Unpreserved	HCl	HNO ₃	Other -	Groundwater	Soil	Air - Summa Canister #	Other -				
Sample N1	11-20-08	12:30P	1						X						1
Sample E	"	"	1						X						2
Sample W	"	"	1						X						3
Sample S	"	"	1						X						4
Sample B1	"	"	1						X						5
Sample B2	"	"	1						X						6
															7
															8
															9
															10
Requisitioned by: 	11-20-08		10:00A	Received by:				Date			Time			Temperature Upon Receipt: 31C	
Requisitioned by: 				Received by:				Date			Time			Turn Around Time: 24 hr	
														Same Day	
														48-hr	
														72-hr	
														Standard	

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

Naucke

Page 3 of 11

Noelle E Doyle, Laboratory Manager

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



Noble Energy Inc.
804 Grand Avenue
Platteville CO 80651

Marty Faraguna
Project Number: N/A
Project: Patriot B16 9-16

Sample N
X811084-01 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	ND	50.0	mg/kg	1	8K24001	11/24/2008	11/24/2008
-------------------	----	------	-------	---	---------	------------	------------

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.

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



Noble Energy Inc.
804 Grand Avenue
Platteville CO 80651

Marty Faraguna
Project Number: N/A
Project: Patriot B16 9-16

Sample E
X811084-02 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	ND	50.0	mg/kg	1	8K24001	11/24/2008	11/24/2008
-------------------	----	------	-------	---	---------	------------	------------

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.

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



Noble Energy Inc.
804 Grand Avenue
Platteville CO 80651

Marty Faraguna
Project Number: N/A
Project: Patriot B16 9-16

Sample W
X811084-03 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	ND	50.0	mg/kg	1	8K24001	11/24/2008	11/24/2008	
-------------------	----	------	-------	---	---------	------------	------------	--

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.

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



Noble Energy Inc.
804 Grand Avenue
Platteville CO 80651

Marty Faraguna
Project Number: N/A
Project: Patriot B16 9-16

Sample S
X811084-04 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	ND	50.0	mg/kg	1	8K24001	11/24/2008	11/24/2008
-------------------	----	------	-------	---	---------	------------	------------

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.

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



Noble Energy Inc.
804 Grand Avenue
Platteville CO 80651

Marty Faraguna
Project Number: N/A
Project: Patriot B16 9-16

Sample B1
X811084-05 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	ND	50.0	mg/kg	1	8K24001	11/24/2008	11/24/2008
-------------------	----	------	-------	---	---------	------------	------------

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.

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



Noble Energy Inc.
804 Grand Avenue
Platteville CO 80651

Marty Faraguna
Project Number: N/A
Project: Patriot B16 9-16

Sample B2
X811084-06 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	ND	50.0	mg/kg	1	8K24001	11/24/2008	11/24/2008
-------------------	----	------	-------	---	---------	------------	------------

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.

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



Noble Energy Inc.
804 Grand Avenue
Platteville CO 80651

Marty Faraguna
Project Number: N/A
Project: Patriot B16 9-16

Extractable Petroleum Hydrocarbons by 8015M – Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8K24001 – Default Prep GC-Semi										
Blank (8K24001-BLK1)					Prepared: 11/24/2008 Analyzed: 11/24/2008					
Gasoline (C6-C10)	ND	50.0	mg/kg							
LCS (8K24001-BS1)					Prepared: 11/24/2008 Analyzed: 11/24/2008					
Gasoline (C6-C10)	158	50.0	mg/kg	200		79.1	65-135			
LCS Dup (8K24001-BSD1)					Prepared: 11/24/2008 Analyzed: 11/24/2008					
Gasoline (C6-C10)	169	50.0	mg/kg	200		84.3	65-135	6.32	25	

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.

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



Noble Energy Inc.
804 Grand Avenue
Platteville CO 80651

Marty Faraguna
Project Number: N/A
Project: Patriot B16 9-16

Notes and Definitions

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