



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

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April 15, 2009

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Noble Energy Inc.

804 Grand Avenue

Platteville CO 80651

Marty Faraguna

Project Number: [none]

Project: Wells Ranch USX AA 25-12,14

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Attached are the analytical results for Wells Ranch USX AA 25-12,14 received by Origins Laboratory, Inc. 4/14/2009 11:30:00AM. Please let us know if you have any questions, or if we can help with anything at all.

Noelle E Doyle  
Laboratory Manager

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: [none]  
Project: Wells Ranch USX AA  
25-12,14

#### CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Sampled	Date Received
Sample 1	X904035-01	Soil	4/13/2009 11:00:00AM	04/14/2009 11:30
Sample 2	X904035-02	Soil	4/13/2009 11:00:00AM	04/14/2009 11:30
Sample 3	X904035-03	Soil	4/13/2009 11:00:00AM	04/14/2009 11:30
Sample 4	X904035-04	Soil	4/13/2009 1:30:00PM	04/14/2009 11:30
Sample 5	X904035-05	Soil	4/13/2009 1:30:00PM	04/14/2009 11:30
Sample 6	X904035-06	Soil	4/13/2009 1:30:00PM	04/14/2009 11:30

Origins Laboratory, Inc.

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Noelle E Doyle, Laboratory Manager



Noble Energy Inc.  
 804 Grand Avenue  
 Platteville CO 80651

Marty Faraguna  
 Project Number: [none]  
 Project: Wells Ranch USX AA  
 25-12,14



originslaboratory.com

Client: Noble Energy  
 Address: 804 Grand Ave  
 Telephone Number: Platteville Co.  
 E-Mail Address: \_\_\_\_\_  
 Project Manager: m faraguna  
 Project Name: Wells Ranch USX AA 25-12,14  
 Project Number: \_\_\_\_\_  
 Samples Collected by: mje

Sample ID - Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix			Analysis	Sample Instructions	
				Unpreserved	HCl	HNO <sub>3</sub>	Other -	Groundwater	Soil	Air - Summa Canister #			Other -
Sample 1	4-13-09	11:00 A	1										1
Sample 2	"	"	1										2
Sample 3	"	"	1										3
Sample 4	"	1:30 P	1										4
Sample 5	"	"	1										5
Sample 6	"	"	1										6
													7
													8
													9
													10

Relinquished by: Marty Faraguna Date: 4-14-09 Time: 11:50  
 Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received by: DeDon A. 11/09 11:30 Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Temperature Upon Receipt: 26°C  
 Turn Around Time: 24-hr  
 Same Day: 48-hr  
 Standard: 72-hr

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

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Marty Faraguna  
Project Number: [none]  
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25-12,14

Sample 1  
X904035-01 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

TPH-Carbon Chain by EPA Method 8015M

Gasoline (C6-C10)	ND	50.0	mg/kg	1	9D14002	04/14/2009	04/14/2009
Diesel (C10-C28)	ND	50.0	"	"	"	"	"
Residual Range Organics (C28-C36)	ND	200	"	"	"	"	"
TPH - Carbon Chain Total	ND	50.0	"	"	"	"	"
Surrogate: o-Terphenyl	119 %	65-140			"	"	"

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25-12,14

Sample 2  
X904035-02 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

TPH-Carbon Chain by EPA Method 8015M

Gasoline (C6-C10)	ND	50.0	mg/kg	1	9D14002	04/14/2009	04/14/2009
Diesel (C10-C28)	ND	50.0	"	"	"	"	"
Residual Range Organics (C28-C36)	ND	200	"	"	"	"	"
TPH - Carbon Chain Total	ND	50.0	"	"	"	"	"

Surrogate: o-Terphenyl	117 %	65-140	"	"	"	"	"
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25-12,14

Sample 3  
X904035-03 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

TPH-Carbon Chain by EPA Method 8015M

Gasoline (C6-C10)	ND	50.0	mg/kg	1	9D14002	04/14/2009	04/14/2009
Diesel (C10-C28)	ND	50.0	"	"	"	"	"
Residual Range Organics (C28-C36)	ND	200	"	"	"	"	"
TPH - Carbon Chain Total	ND	50.0	"	"	"	"	"
Surrogate: o-Terphenyl	121 %	65-140			"	"	"

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25-12,14

Sample 4  
X904035-04 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

TPH-Carbon Chain by EPA Method 8015M

Gasoline (C6-C10)	ND	50.0	mg/kg	1	9D14002	04/14/2009	04/14/2009
Diesel (C10-C28)	ND	50.0	"	"	"	"	"
Residual Range Organics (C28-C36)	ND	200	"	"	"	"	"
TPH - Carbon Chain Total	ND	50.0	"	"	"	"	"
Surrogate: o-Terphenyl	117 %	65-140			"	"	"

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Project Number: [none]  
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25-12,14

Sample 5  
X904035-05 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

TPH-Carbon Chain by EPA Method 8015M

Gasoline (C6-C10)	ND	50.0	mg/kg	1	9D14002	04/14/2009	04/14/2009
Diesel (C10-C28)	ND	50.0	"	"	"	"	"
Residual Range Organics (C28-C36)	ND	200	"	"	"	"	"
TPH - Carbon Chain Total	ND	50.0	"	"	"	"	"
Surrogate: o-Terphenyl	119 %	65-140			"	"	"

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Sample 6  
X904035-06 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

TPH-Carbon Chain by EPA Method 8015M

Gasoline (C6-C10)	ND	50.0	mg/kg	1	9D14002	04/14/2009	04/15/2009
Diesel (C10-C28)	ND	50.0	"	"	"	"	"
Residual Range Organics (C28-C36)	ND	200	"	"	"	"	"
TPH - Carbon Chain Total	ND	50.0	"	"	"	"	"

Surrogate: o-Terphenyl	123 %	65-140	"	"	"
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**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
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**Batch 9D14002 – Default Prep GC-Semi**

**Blank (9D14002-BLK1)**

Prepared: 04/14/2009 Analyzed: 04/14/2009

Gasoline (C6-C10)	ND	50.0	mg/kg
Diesel (C10-C28)	ND	50.0	"
Residual Range Organics (C28-C36)	ND	200	"
TPH – Carbon Chain Total	ND	50.0	"

Surrogate: o-Terphenyl 57.5 g 50.0 115 65-140

**LCS (9D14002-BS1)**

Prepared: 04/14/2009 Analyzed: 04/14/2009

Gasoline (C6-C10)	500	50.0	mg/kg	500	100	65-140
Diesel (C10-C28)	135	50.0	"			60-140

Surrogate: o-Terphenyl 49.6 g 50.0 99.2 65-140

**Matrix Spike (9D14002-MS1)**

Source: X904034-01

Prepared: 04/14/2009 Analyzed: 04/14/2009

Gasoline (C6-C10)	526	50.0	mg/kg	500	ND	105	65-130
Diesel (C10-C28)	146	50.0	"		ND		60-140

Surrogate: o-Terphenyl 49.9 g 50.0 99.8 65-140

**Matrix Spike Dup (9D14002-MSD1)**

Source: X904034-01

Prepared: 04/14/2009 Analyzed: 04/14/2009

Gasoline (C6-C10)	524	50.0	mg/kg	500	ND	105	65-130	0.427	20
Diesel (C10-C28)	146	50.0	"		ND		60-140	0.0899	25

Surrogate: o-Terphenyl 49.0 g 50.0 98.1 65-140

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Noelle E Doyle, Laboratory Manager

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### Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit  
RPD Relative Percent Difference

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