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June 05, 2009

Noble Energy Inc.
804 Grand Avenue
Platteville CO 80651

Marty Faraguna
Project Number: [none]
Project: Well Ranch USX AA 13-9

Attached are the analytical results for Well Ranch USX AA 13-9 received by Origins Laboratory, Inc. 6/2/2009 2:00:00PM. Please let us know if you have any questions, or if we can help with anything at all.

A handwritten signature in black ink, appearing to read "Noelle E Doyle".

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.

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Marty Faraguna
Project Number: [none]
Project: Well Ranch USX AA 13-9

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Sampled	Date Received
S1	X906008-01	Soil	6/1/2009 10:00:00AM	06/02/2009 14:00
S2	X906008-02	Soil	6/1/2009 10:00:00AM	06/02/2009 14:00
S3	X906008-03	Soil	6/1/2009 10:00:00AM	06/02/2009 14:00
S4	X906008-04	Soil	6/1/2009 10:30:00AM	06/02/2009 14:00
S5	X906008-05	Soil	6/1/2009 10:30:00AM	06/02/2009 14:00
S6	X906008-06	Soil	6/1/2009 10:30:00AM	06/02/2009 14:00
S7	X906008-07	Soil	6/1/2009 10:30:00AM	06/02/2009 14:00

Origins Laboratory, Inc.

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Noelle E Doyle, Laboratory Manager

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Marty Faraguna
 Project Number: [none]
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S1
X906008-01 (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	9F03001	06/03/2009	06/03/2009
Diesel (C10-C28)	ND	50.0	"	"	"	"	"
Residual Range Organics (C28-C36)	ND	200.0	"	"	"	"	"
TPH - Carbon Chain Total	ND	50.0	"	"	"	"	"

Surrogate: o-Terphenyl 105 % 65-140 " " "

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Marty Faraguna
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 Project: Well Ranch USX AA 13-9

S2
X906008-02 (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	9F03001	06/03/2009	06/03/2009	
Diesel (C10-C28)	ND	50.0	"	"	"	"	"	
Residual Range Organics (C28-C36)	ND	200.0	"	"	"	"	"	
TPH - Carbon Chain Total	ND	50.0	"	"	"	"	"	

<i>Surrogate: o-Terphenyl</i>	106 %	65-140	"	"	"	"	"	
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Marty Faraguna
 Project Number: [none]
 Project: Well Ranch USX AA 13-9

S3
X906008-03 (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	9F03001	06/03/2009	06/03/2009	
Diesel (C10-C28)	ND	50.0	"	"	"	"	"	
Residual Range Organics (C28-C36)	ND	200.0	"	"	"	"	"	
TPH - Carbon Chain Total	ND	50.0	"	"	"	"	"	

Surrogate: o-Terphenyl 106 % 65-140 " " "

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Marty Faraguna
 Project Number: [none]
 Project: Well Ranch USX AA 13-9

S4
X906008-04 (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	9F03001	06/03/2009	06/03/2009	
Diesel (C10-C28)	ND	50.0	"	"	"	"	"	
Residual Range Organics (C28-C36)	ND	200.0	"	"	"	"	"	
TPH - Carbon Chain Total	ND	50.0	"	"	"	"	"	

<i>Surrogate: o-Terphenyl</i>	106 %	65-140			"	"	"	
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Noelle E Doyle, Laboratory Manager



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Marty Faraguna
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 Project: Well Ranch USX AA 13-9

S5
X906008-05 (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	9F03001	06/03/2009	06/04/2009	
Diesel (C10-C28)	ND	50.0	"	"	"	"	"	
Residual Range Organics (C28-C36)	ND	200.0	"	"	"	"	"	
TPH - Carbon Chain Total	ND	50.0	"	"	"	"	"	

<i>Surrogate: o-Terphenyl</i>	<i>103 %</i>	<i>65-140</i>			<i>"</i>	<i>"</i>	<i>"</i>	
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Marty Faraguna
 Project Number: [none]
 Project: Well Ranch USX AA 13-9

S6
X906008-06 (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	9F03001	06/03/2009	06/04/2009	
Diesel (C10-C28)	ND	50.0	"	"	"	"	"	
Residual Range Organics (C28-C36)	ND	200.0	"	"	"	"	"	
TPH - Carbon Chain Total	ND	50.0	"	"	"	"	"	

Surrogate: o-Terphenyl 104 % 65-140 " " "

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Marty Faraguna
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 Project: Well Ranch USX AA 13-9

S7
X906008-07 (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	9F03001	06/03/2009	06/04/2009
Diesel (C10-C28)	ND	50.0	"	"	"	"	"
Residual Range Organics (C28-C36)	ND	200.0	"	"	"	"	"
TPH - Carbon Chain Total	ND	50.0	"	"	"	"	"

<i>Surrogate: o-Terphenyl</i>	<i>103 %</i>	<i>65-140</i>			"	"	"
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 Project: Well Ranch USX AA 13-9

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 9F03001 – Default Prep GC-Semi										
Blank (9F03001-BLK1)					Prepared: 06/03/2009 Analyzed: 06/03/2009					
Gasoline (C6-C10)	ND	50.0	mg/kg				65-140			
Diesel (C10-C28)	ND	50.0	"				60-140			
Residual Range Organics (C28-C36)	ND	200.0	"							
TPH – Carbon Chain Total	ND	50.0	"							
<i>Surrogate: o-Terphenyl</i>	<i>55.7</i>		<i>g</i>	<i>50.0</i>		<i>111</i>	<i>65-140</i>			
LCS (9F03001-BS1)					Prepared: 06/03/2009 Analyzed: 06/03/2009					
Gasoline (C6-C10)	ND	50.0	mg/kg				65-140			
Diesel (C10-C28)	169.9	50.0	"	200		85.0	60-140			
<i>Surrogate: o-Terphenyl</i>	<i>43.7</i>		<i>g</i>	<i>50.0</i>		<i>87.3</i>	<i>65-140</i>			
Matrix Spike (9F03001-MS1)					Source: X906008-01		Prepared: 06/03/2009 Analyzed: 06/03/2009			
Gasoline (C6-C10)	ND	50.0	mg/kg		ND		65-130			
Diesel (C10-C28)	180.1	50.0	"	200	ND	90.0	60-140			
<i>Surrogate: o-Terphenyl</i>	<i>44.3</i>		<i>g</i>	<i>50.0</i>		<i>88.6</i>	<i>65-140</i>			
Matrix Spike Dup (9F03001-MSD1)					Source: X906008-01		Prepared: 06/03/2009 Analyzed: 06/03/2009			
Gasoline (C6-C10)	ND	50.0	mg/kg		ND		65-130		20	
Diesel (C10-C28)	182.1	50.0	"	200	ND	91.0	60-140	1.10	25	
<i>Surrogate: o-Terphenyl</i>	<i>43.6</i>		<i>g</i>	<i>50.0</i>		<i>87.2</i>	<i>65-140</i>			

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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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