



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

April 09, 2009

Noble Energy Inc.
804 Grand Avenue
Platteville CO 80651

Marty Faraguna
Project Number: N/A
Project: Kehn USX AD 19-11

Attached are the analytical results for Kehn USX AD 19-11 received by Origins Laboratory, Inc. 4/7/2009 10:30:00AM. 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.

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



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CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Sampled	Date Received
1	X904018-01	Soil	4/6/2009 10:30:00AM	04/07/2009 10:30
2	X904018-02	Soil	4/6/2009 10:30:00AM	04/07/2009 10:30
3	X904018-03	Soil	4/6/2009 10:30:00AM	04/07/2009 10:30
4	X904018-04	Soil	4/6/2009 10:45:00AM	04/07/2009 10:30
5	X904018-05	Soil	4/6/2009 10:45:00AM	04/07/2009 10:30
6	X904018-06	Soil	4/6/2009 10:45:00AM	04/07/2009 10:30

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Noelle E Doyle, Laboratory Manager

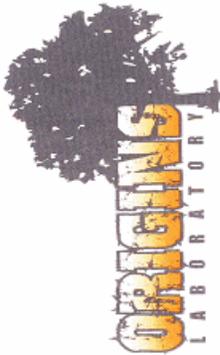
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X904018
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originslaboratory.com

Client: Noble Energy
 Address: _____
 Telephone Number: _____
 E-Mail Address: _____

Project Manager: M. Faraguna
 Project Name: Kehn USX AD 19-11
 Project Number: _____
 Samples Collected by: MJF

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 -	Date	Time			Temperature Upon Receipt:
1	4-6-09	10:30A	1												
2	4-6-09	1030	1												
3	4-6-09	1030	1												
4	4-6-09	1045	1												
5	4-6-09	1045	1												
6	4-6-09	1045	1												
Relinquished by: <u>Marty Faraguna</u> Date: <u>4-7-09</u> Time: <u>10:30</u> Received by: <u>[Signature]</u> Date: <u>4-7-09</u> Time: <u>10:30</u> Turn Around Time: <u>24-Hr</u> <input checked="" type="checkbox"/> 48-Hr <input type="checkbox"/> 72-Hr <input type="checkbox"/> Standard Temperature Upon Receipt: <u>5.0</u>															

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1
X904018-01 (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	9D07001	04/07/2009	04/07/2009
Diesel (C10-C28)	ND	50.0	"	"	"	"	"
Residual Range Organics (C28-C36)	ND	200	"	"	"	"	"
TPH - Carbon Chain Total	ND	50.0	"	"	"	"	"

<i>Surrogate: o-Terphenyl</i>	<i>92.3 %</i>	<i>65-140</i>			<i>"</i>	<i>"</i>	<i>"</i>
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X904018-02 (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	9D07001	04/07/2009	04/07/2009
Diesel (C10-C28)	ND	50.0	"	"	"	"	"
Residual Range Organics (C28-C36)	ND	200	"	"	"	"	"
TPH - Carbon Chain Total	ND	50.0	"	"	"	"	"

Surrogate: o-Terphenyl	103 %	65-140	"	"	"	"	"
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3
 X904018-03 (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	9D07001	04/07/2009	04/07/2009
Diesel (C10-C28)	ND	50.0	"	"	"	"	"
Residual Range Organics (C28-C36)	ND	200	"	"	"	"	"
TPH - Carbon Chain Total	ND	50.0	"	"	"	"	"

Surrogate: o-Terphenyl	103 %	65-140	"	"	"	"	"
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X904018-04 (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	9D07001	04/07/2009	04/07/2009
Diesel (C10-C28)	ND	50.0	"	"	"	"	"
Residual Range Organics (C28-C36)	ND	200	"	"	"	"	"
TPH - Carbon Chain Total	ND	50.0	"	"	"	"	"

<i>Surrogate: o-Terphenyl</i>	<i>104 %</i>	<i>65-140</i>			<i>"</i>	<i>"</i>	<i>"</i>
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Noelle E Doyle, Laboratory Manager



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5
 X904018-05 (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	9D07001	04/07/2009	04/07/2009
Diesel (C10-C28)	ND	50.0	"	"	"	"	"
Residual Range Organics (C28-C36)	ND	200	"	"	"	"	"
TPH - Carbon Chain Total	ND	50.0	"	"	"	"	"

Surrogate: o-Terphenyl	104 %	65-140	"	"	"	"	"
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6
 X904018-06 (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	9D07001	04/07/2009	04/07/2009
Diesel (C10-C28)	ND	50.0	"	"	"	"	"
Residual Range Organics (C28-C36)	ND	200	"	"	"	"	"
TPH - Carbon Chain Total	ND	50.0	"	"	"	"	"

Surrogate: o-Terphenyl	102 %	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
Batch 9D07001 – Default Prep GC-Semi										
Blank (9D07001-BLK1)					Prepared: 04/07/2009 Analyzed: 04/07/2009					
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	"							
<i>Surrogate: o-Terphenyl</i>	<i>47.4</i>		<i>g</i>	<i>50.0</i>		<i>94.9</i>	<i>65-140</i>			
LCS (9D07001-BS1)					Prepared: 04/07/2009 Analyzed: 04/07/2009					
Gasoline (C6-C10)	615	50.0	mg/kg	500		123	65-140			
Diesel (C10-C28)	ND	50.0	"				60-140			
<i>Surrogate: o-Terphenyl</i>	<i>49.7</i>		<i>g</i>	<i>50.0</i>		<i>99.4</i>	<i>65-140</i>			
Matrix Spike (9D07001-MS1)					Source: X904019-10		Prepared: 04/07/2009 Analyzed: 04/07/2009			
Gasoline (C6-C10)	566	50.0	mg/kg	500	ND	113	65-130			
Diesel (C10-C28)	ND	50.0	"		ND		60-140			
<i>Surrogate: o-Terphenyl</i>	<i>49.5</i>		<i>g</i>	<i>50.0</i>		<i>99.0</i>	<i>65-140</i>			
Matrix Spike Dup (9D07001-MSD1)					Source: X904019-10		Prepared: 04/07/2009 Analyzed: 04/07/2009			
Gasoline (C6-C10)	606	50.0	mg/kg	500	ND	121	65-130	6.75	20	
Diesel (C10-C28)	ND	50.0	"		ND		60-140		25	
<i>Surrogate: o-Terphenyl</i>	<i>49.9</i>		<i>g</i>	<i>50.0</i>		<i>99.8</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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