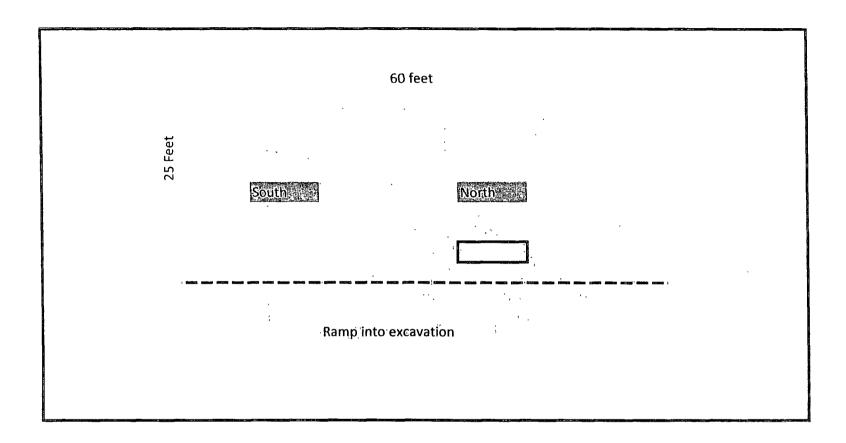
10 Mile Unit #1

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	SAMPLE	BTEX	GRO 👾	DRO	TPH		SAMPLE	BTEX	GRO, 2	DRO	TPH	
Removed	North 3'	3.952	293	2050	2343		South 3'	6.113	226	899	1125	
	North 5'	3.546	83.7	435	518.7	Removed	South 5	5.919	277	956	1233	
	North 7'	4.065	145	608	753		South 7'	6.591	59.7	287	346.7	
							' • • • •		•	• • •	•	Sampling
	North 9'	1.637	54.7	264	318.7		South 9!	· . 56.2	· .1060	<u>.</u> 2090	3150	error
	North 11 [!]	0.418	ND	51.2	51.2		South 11		13	57.2	70.2	
	North 13'	ND	ND	23	23		South 13'	1.119	ND	69.6	69.6	



August 15, 2012

AMANDA TRUJILLO Yates Energy Petroleum Corp 105 S 4th Street Artesia, NM 88210

RE: TEN MILE UNIT #1

Enclosed are the results of analyses for samples received by the laboratory on 08/08/12 12:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celez D. Keine

Celey D. Keene Lab Director/Quality Manager

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Analytical Results For:

Yates Energy Petroleum Corp AMANDA TRUJILLO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/15/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SOUTH - 3' (H201837-01)

BTEX 8021B	mg/	kg	Analyze	d By: AP					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.084	0.050	08/13/2012	ND	1.75	87.4	2.00	3.35	
Toluene*	0.819	0.150	08/13/2012	ND	1.99	99.7	2.00	3.71	
Ethylbenzene*	1.08	0.050	08/13/2012	ND	1.98	99.0	2.00	3.87	
Total Xylenes*	4.13	0.150	08/13/2012	ND	5.92	98.7	6.00	4.16	
Surrogate 4-Bromofluorobenzene (PIL	216 9	% 89 4-12	6						
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	226	10.0	08/10/2012	ND	191	95.5	200	0.752	
DRO >C10-C28	899	10.0	08/10/2012	ND	192	96.1	200	3.08	
Surrogate 1-Chlorooctane	111 9	65 2-14	0					•	
Surrogate 1-Chlorooctadecane	103 9	63 6-15	4						

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PLEASE NOTE Liability and Damages Cardinal's liability and clent's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of uses of loss of profits incurred by client, it's subsidianes, affiliates or successors ansing out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims based upon any of the babilit Laboratories.

Celeg Di Keine

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Yates Energy Petroleum Corp AMANDA TRUJILLO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/15/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jod: Henson
Project Location:	NOT GIVEN		

Sample ID: SOUTH - 5' (H201837-02)

BTEX 8021B	mg/	'kg	Analyze	d By: AP					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.107	0.050	08/13/2012	ND	1.75	87.4	2.00	3.35	
Toluene*	0.782	0.150	08/13/2012	ND	1.99	99.7	2.00	3.71	
Ethylbenzene*	1.11	0.050	08/13/2012	ND	1.98	99.0	2.00	3.87	
Total Xylenes*	3.92	0.150	08/13/2012	ND	5.92	98.7	6.00	4.16	
Surrogate ⁺ 4-Bromofluorobenzene (PIE	194 9	% 89 4-12	6						
трн 8015м	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	277	10.0	08/10/2012	ND	191	95.5	200	0.752	
DRO >C10-C28	956	10.0	08/10/2012	ND	192	96.1	200	3.08	
Surrogate: 1-Chlorooctane	108 5	% 65.2-14	0						
Surrogate 1-Chlorooctadecane	104 9	63 6-15	4						

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PLLASE NOTE Llabelity and Damages Cardinal's labelity and client's exclusive remedy for any claim ansing, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including these for negligence and any other cause whatsoever shall be deemed waved unless made in writing and received by Cardinal writinity (30) days after completion of the applicable service. In no event shall Cardinal be lable for incidental or consequential damages, including, without limitation, business interruptions, loss of juster of loss of profits incidentified by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims based unloss rather descinges or otherwise. Results relate only to the sample unlife thort. Its exploration in full with mitten approval of Cardinal Laborations.

Celeg Di Keine

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Yates Energy Petroleum Corp AMANDA TRUJILLO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/15/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SOUTH - 7' (H201837-03)

BTEX 8021B	mg,	kg	Analyze	d By: AP	i				S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.121	0.050	08/14/2012	ND	1,75	87.4	2.00	3.35	
Toluene*	1.26	0.150	08/14/2012	ND	1.99	99.7	2.00	3.71	
Ethylbenzene*	1.08	0.050	08/14/2012	ND	1.98	99.0	2.00	3.87	
Total Xylenes*	4.13	0.150	08/14/2012	ND	5.92	98.7	6.00	4.16	
Surrogate 4-Bromofluorobenzene (PIE	193	% 89 4-12	6			<u></u>			
TPH 8015M	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	59.7	10.0	08/10/2012	ND	191	95.5	200	0.752	
DRO >C10-C28	287	10.0	08/10/2012	ND	192	96.1	200	3.08	
Surrogate 1-Chlorooctane	95 7	% 65 2-14	0						
Surrogate ⁺ 1-Chlorooctadecane	864	% 63 6-15	4						

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Celeg Di Keine

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Yates Energy Petroleum Corp AMANDA TRUJILLO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/15/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SOUTH - 9' (H201837-04)

BTEX 8021B	mg/	kg	Analyze	d By: AP					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.15	0.200	08/14/2012	ND	1.75	87.4	2.00	3.35	
Toluene*	15.5	0.600	08/14/2012	ND	1.99	99.7	2.00	3.71	
Ethylbenzene*	6.45	0.200	08/14/2012	ND	1.98	99.0	2.00	3.87	
Total Xylenes*	33.1	0.600	08/14/2012	ND	5.92	98.7	6.00	4.16	
Surrogate 4-Bromofluorobenzene (PIE	164 %	6 89 4-12	6			* _			
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1060	10.0	08/10/2012	ND	191	95.5	200	0.752	
DRO >C10-C28	2090	10.0	08/10/2012	ND	192	96.1	200	3.08	
Surrogate 1-Chlorooctane	135 %	65 2-14	0						
Surrogate 1-Chlorooctadecane	122 %	63 6-15	4						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Yates Energy Petroleum Corp AMANDA TRUJILLO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/15/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SOUTH - 11' (H201837-05)

BTEX 80218	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2012	ND	1.75	87.4	2.00	3.35	
Toluene*	0.322	0.150	08/14/2012	ND	1.99	99.7	2.00	3.71	
Ethylbenzene*	0.157	0.050	08/14/2012	ND	1.98	99.0	2.00	3.87	
Total Xylenes*	0.787	0.150	08/14/2012	ND	5.92	98.7	6.00	4.16	
Surrogate 4-Bromofluorobenzene (PIE	123 9	89 4-12	6						
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	13.0	10.0	08/10/2012	ND	191	95.5	200	0.752	
DRO >C10-C28	57.2	10.0	08/10/2012	ND	192	96.1	200	3.08	
Surrogate 1-Chlorooctane	92 7	% 65 2-14	0	·					
Surrogate 1-Chlorooctadecane	938	% 63 6-15	4						

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Celeg Li Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Yates Energy Petroleum Corp AMANDA TRUJILLO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/15/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SOUTH - 13' (H201837-06)

BTEX 8021B	mg,	′kg	Analyze	d By: AP				····	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/14/2012	ND	1.75	87.4	2.00	3.35	
Toluene*	0.270	0.150	08/14/2012	ND	1.99	99.7	2.00	3.71	
Ethylbenzene*	0.154	0.050	08/14/2012	ND	1.98	99.0	2.00	3.87	
Total Xylenes*	0.695	0.150	08/14/2012	ND	5.92	98.7	6.00	4.16	
Surrogate 4-Bromofluorobenzene (PIL	120 5	89 4-12	6						
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/10/2012	ND	191	95.5	200	0.752	
DRO >C10-C28	69.6	10.0	08/10/2012	ND	192	96.1	200	3.08	
Surrogate 1-Chlorooctane	88 0	% 65 2-14	0						
Surrogate 1-Chlorooctadecane	897	% 63 6-15	4						

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
1	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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	Project Manager:	and, Hobbs, NM 882 Amanda Trujillo	40			(505) 393-2326	FAX (505) 393-	-247	<u>6</u>							-			Proj	ject	Nan	ne:				<u></u>	Геп	Mile	<u>• Uı</u>	<u>nit</u> ≢	<u>≠1</u>				_
	Comp: (505) 393-232	e Yates Petroleum C	orporation	·	·····															Pro	oject	t #: _													
	Company Address:	105 South 4th Stre	et									_							Р	roje	ct L	oc: _													
	City/State/Zip [.]	Artesia, NM 8821	0)#:													
	Telephone No:	575-748-1471					Fax No:										_	Rep	port	For	mat	- :	x	Star				T			_	_	PDE		
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LAB # (lab use only)	FIE	LD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	lco	HNO	HCI	H ₂ SO,	NaOH	Na ₂ S ₂ O ₃	None	Uther (Specify)	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	TPH 418.1 8015M	TPH- TX 1005 1X 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkatinity)	SAR / ESP / CEC	Molals As Ag Ba Cd Cr Pb Hg Sc	Voiatiles	Sernivolatiles	PTEX 0021 G/5030 or BTEX 8260 PCI	RCI	N.O.R M	Chlorides	SAK	RUSH TAT (Pre-Schedule)	Standard TAT	
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August 13, 2012

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AMANDA TRUJILLO Yates Energy Petroleum Corp 105 S 4th Street Artesia, NM 88210

RE: TEN MILE UNIT #1

Enclosed are the results of analyses for samples received by the laboratory on 08/08/12 12:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

Yates Energy Petroleum Corp AMANDA TRUJILLO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/13/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: NORTH - 3' (H201836-01)

BTEX 8021B	mg,	/kg	Analyze	d By: AP					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2012	ND	1.75	87.4	2.00	3.35	
Toluene*	0.290	0.150	08/13/2012	ND	1.99	99.7	2.00	3.71	
Ethylbenzene*	0.512	0.050	08/13/2012	ND	1.98	99.0	2.00	3.87	
Total Xylenes*	3.15	0.150	08/13/2012	ND	5.92	98.7	6.00	4.16	
Surrogate 4-Bromofluorobenzene (PIE	173	% 89 4-12	6	· · · · ·					
ТРН 8015м	mg,	/kg	Analyze	d By: MS			<u></u>		5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	293	10.0	08/10/2012	ND	191	95.5	200	0.752	
DRO >C10-C28	2050	10.0	08/10/2012	ND	192	96.1	200	3.08	
Surrogate 1-Chlorooctane	154	% 65 2-14	0						
Surrogate 1-Chlorooctadecane	155	63 6-15	4						

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Celeg Li Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Yates Energy Petroleum Corp AMANDA TRUJILLO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/13/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: NORTH - 5' (H201836-02)

BTEX 8021B	mg/	kg	Analyze	d By: AP					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.137	0.050	08/13/2012	ND	1.75	87.4	2.00	3.35	
Toluene*	0.770	0.150	08/13/2012	ND	1.99	99.7	2.00	3.71	
Ethylbenzene*	0.569	0.050	08/13/2012	ND	` 1.98	99.0	2.00	3.87	
Total Xylenes*	2.07	0.150	08/13/2012	ND	5.92	98.7	6.00	4.16	
Surrogate 4-Bromofluorobenzene (PIE	141 9	% 89 4-12	6						
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	83.7	10.0	08/10/2012	ND	191	95.5	200	0.752	
DRO >C10-C28	435	10.0	08/10/2012	ND	192	96.1	200	3.08	
Surrogate: 1-Chlorooctane	122 9	% 65 2-14	0						
Surrogate 1-Chlorooctadecane	122	63,6-15	4						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Yates Energy Petroleum Corp AMANDA TRUJILLO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/13/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: NORTH - 7' (H201836-03)

BTEX 8021B	mg,	/kg	Analyze	d By: AP		<u>.</u>			S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.064	0.050	08/13/2012	ND	1.75	87.4	2.00	3.35	
Toluene*	0.789	0.150	08/13/2012	ND	1.99	99.7	2.00	3.71	
Ethylbenzene*	0.842	0.050	08/13/2012	ND	1.98	99.0	2.00	3.87	
Total Xylenes*	2.37	0.150	08/13/2012	ND	5.92	98.7	6.00	4.16	
Surrogate 4-Bromofluorobenzene (PIL	151	% 89 4-12	6						
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	145	10.0	08/10/2012	ND	191	95.5	200	0.752	
DRO >C10-C28	608	10.0	08/10/2012	ND	192	96.1	200	3.08	
Surrogate 1-Chlorooctane	128	% 65 2-14	0						
Surrogate 1-Chlorooctadecane	137	% 63 6-15	4						

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Yates Energy Petroleum Corp AMANDA TRUJILLO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/13/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jod: Henson
Project Location:	NOT GIVEN		

Sample ID: NORTH - 9' (H201836-04)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2012	ND	1.75	87.4	2.00	3.35	
Toluene*	0.323	0.150	08/13/2012	ND	1.99	99.7	2.00	3.71	
Ethylbenzene*	0.284	0.050	08/13/2012	ND	1.98	99.0	2.00	3.87	
Total Xylenes*	1.03	0.150	08/13/2012	ND	5.92	98.7	6.00	4.16	
Surrogate 4-Bromofluorobenzene (PIE	123 %	6 89 4-12	6						
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	54.7	10.0	08/10/2012	ND	191	95.5	200	0.752	
DRO >C10-C28	264	10.0	08/10/2012	ND	192	96.1	200	3.08	
Surrogate 1-Chlorooctane	134 9	65 2-14	0						
Surrogate I-Chlorooctadecane	135 9	63 6-15	4						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Yates Energy Petroleum Corp AMANDA TRUJILLO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/13/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: NORTH - 11' (H201836-05)

BTEX 8021B	mg/	kg	Analyze	d By: AP		<u> </u>	······		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/13/2012	ND	1.75	87.4	2.00	3.35	
Toluene*	<0.150	0.150	08/13/2012	ND	1.99	99.7	2.00	3,71	
Ethylbenzene*	0.073	0.050	08/13/2012	ND	1.98	99.0	2.00	3.87	
Total Xylenes*	0.345	0.150	08/13/2012	ND	5.92	98.7	6.00	4.16	
Surrogate 4-Bromofluorobenzene (PIE	107 9	% 89 4-12	6	· · · · · ·					
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/10/2012	ND	191	95.5	200	0.752	
DRQ >C10-C28	51.2	10.0	08/10/2012	ND	192	96.1	200	3.08	
Surrogate 1-Chlorooctane	125 9	65 2-14	0						
Surrogate 1-Chlorooctadecane	126 9	63 6-15	4						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Yates Energy Petroleum Corp AMANDA TRUJILLO 105 S 4th Street Artesia NM, 88210 Fax To: (505) 748-4635

Received:	08/08/2012	Sampling Date:	08/07/2012
Reported:	08/13/2012	Sampling Type:	Soil
Project Name:	TEN MILE UNIT #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: NORTH - 13' (H201836-06)

BTEX 8021B	mg/	kg	Analyze	d By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/13/2012	ND	ND	1.75	87.4	2.00	3.35	
Toluene*	<0.150	0,150	08/13/2012	ND	1.99	99.7	2.00	3.71		
Ethylbenzene*	<0.050	0.050	08/13/2012	ND	1.98	99.0	2.00	3.87		
Total Xylenes*	<0.150	0.150	08/13/2012	ND	5.92	98.7	6.00	4.16		
Surrogate 4-Bromofluorobenzene (PIE	101 %	6 89 4-12	6							
TPH 8015M	mg/	kg	Апајуze	d By: MS			· · · · ·			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	08/10/2012	ND	191	95.5	200	0.752		
DRO >C10-C28	23.0	10.0	08/10/2012	ND	192	96.1	200	3.08		
Surrogate 1-Chlorooctane	113 %	65 2-14	0			~				
Surrogate 1-Chlorooctadecane	113 %	6 63 6-15	4							

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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	Company Address: 10	5 South 4th Street														-		Proj	ect L	.oc: .											
	City/State/Zip: Ar	tesia, NM 88210														-			P) #: .			_				u				
	Telephone No: 57	5-748-1471	· · <u></u>			Fax No:										_ '	Repo	rt Fo	orma	t:	x	Stan	dard]TR	RP	[<u> </u> N	PDE	s
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	North - 7' North - 9'	CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. cf Containers		-CONH	ΥC H	H2SO4	NaOH	N325903	Note (Specify)	DW=Drinking Water SL=Studge	CV' = Groundwater S=SolifSolid	> > > ; ;	X X X X 1005	Cations (Ca. Mg, Na. K)	Anions (Cl. SO4, Alkalinity)	SAR / ESP / CEC	Mccials: As Ag Ba Cd Cr Pb Hg	Volaties	x x x x x 8000,000 or BTEX 8		N.O.R.M	Chlorides	SAR	RUSH TAT (Pro-schedule) 2	X X X X X X X Standard TAT
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