

Analytical Report H202544 H202664	Sample Date	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
*S1 3'	10/17/2012	3'	.24	ND	ND	ND	13200
*S1 5'	10/17/2012	5'	ND	ND	ND	ND	9800
*S1 7'	10/17/2012	7'	ND	ND	ND	ND	6500

*S2 3'	10/17/2012	3'	116.78	778	263	1041	6800
*S2 5'	10/17/2012	5'	ND	ND	ND	ND	2240
*S2 7'	10/17/2012	7'	ND	ND	ND	ND	6400

S3 3'	10/31/2012	3'	.236	ND	ND	ND	2080
S3 5'	10/31/2012	5'	ND	ND	ND	ND	6640
S3 7'	10/31/2012	7'	.050	ND	ND	ND	5760

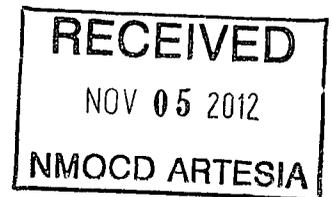
S4 3'	10/31/2012	3'	ND	ND	2450	2450	192
S4 5'	10/31/2012	5'	ND	ND	ND	ND	112
S4 7'	10/31/2012	7'	ND	ND	ND	ND	144

Site Ranking is Zero (10). Depth to Ground Water <100' (approx. 72', per NMOSE).

All results are ppm.Chlorides for documentation.

Released: 450 B/PW; Recovered: 400 B/PW. Release Date: 9/22/2012

* Removed and Hauled.



November 02, 2012

JEREMY HAASS

Yates Energy Petroleum Corp

105 S 4th Street

Artesia, NM 88210

RE: NIX GP BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 11/01/12 14:53.

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/ga/lab_accred_certif.html.

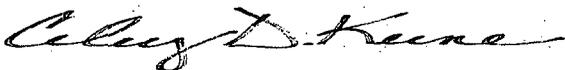
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received:	11/01/2012	Sampling Date:	10/31/2012
Reported:	11/02/2012	Sampling Type:	Soil
Project Name:	NIX GP BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY		

Sample ID: S3 3' (H202664-01)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.083	0.050	11/02/2012	ND	1.91	95.6	2.00	19.9		
Toluene*	0.153	0.050	11/02/2012	ND	2.09	104	2.00	18.6		
Ethylbenzene*	<0.050	0.050	11/02/2012	ND	2.10	105	2.00	17.8		
Total Xylenes*	<0.150	0.150	11/02/2012	ND	6.34	106	6.00	17.7		
Total BTEX	<0.300	0.300	11/02/2012	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 108 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2080	16.0	11/02/2012	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/02/2012	ND	192	95.8	200	2.44		
DRO >C10-C28	<10.0	10.0	11/02/2012	ND	200	100	200	4.46		

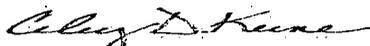
Surrogate: 1-Chlorooctane 86.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 96.2 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 11/01/2012
 Reported: 11/02/2012
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: EDDY

 Sampling Date: 10/31/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S3 5' (H202664-02)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2012	ND	1.91	95.6	2.00	19.9	
Toluene*	<0.050	0.050	11/02/2012	ND	2.09	104	2.00	18.6	
Ethylbenzene*	<0.050	0.050	11/02/2012	ND	2.10	105	2.00	17.8	
Total Xylenes*	<0.150	0.150	11/02/2012	ND	6.34	106	6.00	17.7	
Total BTEX	<0.300	0.300	11/02/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 108 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6640	16.0	11/02/2012	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/02/2012	ND	192	95.8	200	2.44	
DRO >C10-C28	<10.0	10.0	11/02/2012	ND	200	100	200	4.46	

Surrogate: 1-Chlorooctane 88.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.1 % 63.6-154

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*=Accredited Analyte

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 JEREMY HAASS
 105 S 4th Street
 Artesia NM, 88210
 Fax To: (505) 748-4635

 Received: 11/01/2012
 Reported: 11/02/2012
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: EDDY

 Sampling Date: 10/31/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S3 7' (H202664-03)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.050	0.050	11/02/2012	ND	1.91	95.6	2.00	19.9	
Toluene*	<0.050	0.050	11/02/2012	ND	2.09	104	2.00	18.6	
Ethylbenzene*	<0.050	0.050	11/02/2012	ND	2.10	105	2.00	17.8	
Total Xylenes*	<0.150	0.150	11/02/2012	ND	6.34	106	6.00	17.7	
Total BTEX	<0.300	0.300	11/02/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 108 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5760	16.0	11/02/2012	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/02/2012	ND	192	95.8	200	2.44	
DRO >C10-C28	<10.0	10.0	11/02/2012	ND	200	100	200	4.46	

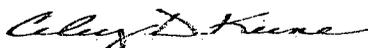
Surrogate: 1-Chlorooctane 81.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 88.1 % 63.6-154

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*=Accredited Analyte

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Celest D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	11/01/2012	Sampling Date:	10/31/2012
Reported:	11/02/2012	Sampling Type:	Soil
Project Name:	NIX GP BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY		

Sample ID: S4 3' (H202664-04)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2012	ND	1.91	95.6	2.00	19.9		
Toluene*	<0.050	0.050	11/02/2012	ND	2.09	104	2.00	18.6		
Ethylbenzene*	<0.050	0.050	11/02/2012	ND	2.10	105	2.00	17.8		
Total Xylenes*	<0.150	0.150	11/02/2012	ND	6.34	106	6.00	17.7		
Total BTEX	<0.300	0.300	11/02/2012	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 108 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	11/02/2012	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10	<50.0	50.0	11/02/2012	ND	192	95.8	200	2.44			
DRO >C10-C28	2450	50.0	11/02/2012	ND	200	100	200	4.46			

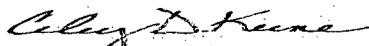
Surrogate: 1-Chlorooctane 84.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 164 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 11/01/2012
 Reported: 11/02/2012
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: EDDY

 Sampling Date: 10/31/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S4 5' (H202664-05)

BTEX 8021B			Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2012	ND	1.91	95.6	2.00	19.9	
Toluene*	<0.050	0.050	11/02/2012	ND	2.09	104	2.00	18.6	
Ethylbenzene*	<0.050	0.050	11/02/2012	ND	2.10	105	2.00	17.8	
Total Xylenes*	<0.150	0.150	11/02/2012	ND	6.34	106	6.00	17.7	
Total BTEX	<0.300	0.300	11/02/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 106 % 89.4-126

Chloride, SM4500Cl-B			Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/02/2012	ND	416	104	400	0.00	

TPH 8015M			Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/02/2012	ND	192	95.8	200	2.44	
DRO >C10-C28	<10.0	10.0	11/02/2012	ND	200	100	200	4.46	

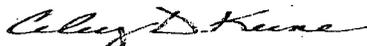
Surrogate: 1-Chlorooctane 93.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 103 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	11/01/2012	Sampling Date:	10/31/2012
Reported:	11/02/2012	Sampling Type:	Soil
Project Name:	NIX GP BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY		

Sample ID: S4 7' (H202664-06)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2012	ND	1.91	95.6	2.00	19.9	
Toluene*	<0.050	0.050	11/02/2012	ND	2.09	104	2.00	18.6	
Ethylbenzene*	<0.050	0.050	11/02/2012	ND	2.10	105	2.00	17.8	
Total Xylenes*	<0.150	0.150	11/02/2012	ND	6.34	106	6.00	17.7	
Total BTEX	<0.300	0.300	11/02/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 107 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/02/2012	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/02/2012	ND	192	95.8	200	2.44	
DRO >C10-C28	<10.0	10.0	11/02/2012	ND	200	100	200	4.46	

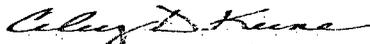
Surrogate: 1-Chlorooctane 88.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 98.2 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

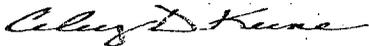
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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- 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



Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: YPC				BILL TO				ANALYSIS REQUEST															
Project Manager: Jeremy Haass				P.O. #: 103-2636																			
Address:				Company: YPC																			
City: Artesia		State: NM		Zip: 88210		Attn: Jeremy Haass																	
Phone #:		Fax #:		Address:																			
Project #:		Project Owner: Jeremy Haass		City: Artesia																			
Project Name: Nix 'GP' Battery				State: NM																Zip: 88210			
Project Location: E22Y				Phone #:																			
Sampler Name: Jeremy Haass				Fax #:																			
FOR LAB USE ONLY																							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.			SAMPLING		TPH	Chlorides							
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME									
H2021664																							
	S3 3'		1			X					X			10/31		X							
	S3 5'		1			X					X			10/31		X							
	S3 7'		1			X					X			10/31		X							
	S4 3'		1			X					X			10/31		X							
	S4 5'		1			X					X			10/31		X							
	S4 7'		1			X					X			10/31		X							

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Relinquished By: J Haass	Date: 11/1 Time: 2:53	Received By: Jodi Benson	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:			Sample Condition Cool / Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) JH
Rush				

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

October 24, 2012

JEREMY HAASS

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

RE: NIX GP BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/18/12 12:12.

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 accredited 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,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received:	10/18/2012	Sampling Date:	10/17/2012
Reported:	10/24/2012	Sampling Type:	Soil
Project Name:	NIX GP BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	EDDY		

Sample ID: S1 3' (H202544-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.150	0.050	10/23/2012	ND	1.98	99.0	2.00	2.23		
Toluene*	0.090	0.050	10/23/2012	ND	2.15	108	2.00	2.85		
Ethylbenzene*	<0.050	0.050	10/23/2012	ND	2.16	108	2.00	2.30		
Total Xylenes*	<0.150	0.150	10/23/2012	ND	6.54	109	6.00	2.75		

Surrogate: 4-Bromofluorobenzene (PIC) 103 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	13200	16.0	10/19/2012	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<50.0	50.0	10/19/2012	ND	166	83.2	200	5.81		
DRO >C10-C28	<50.0	50.0	10/19/2012	ND	159	79.4	200	9.04		

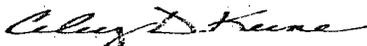
Surrogate: 1-Chlorooctane 75.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 83.1 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	10/18/2012	Sampling Date:	10/17/2012
Reported:	10/24/2012	Sampling Type:	Soil
Project Name:	NIX GP BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	EDDY		

Sample ID: S1 5' (H202544-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2012	ND	1.76	88.1	2.00	0.795	
Toluene*	<0.050	0.050	10/23/2012	ND	1.93	96.6	2.00	1.35	
Ethylbenzene*	<0.050	0.050	10/23/2012	ND	1.93	96.7	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/23/2012	ND	5.85	97.6	6.00	2.00	

Surrogate: 4-Bromofluorobenzene (PIE) 103 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9800	16.0	10/19/2012	ND	416	104	400	0.00	

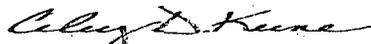
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/19/2012	ND	166	83.2	200	5.81	
DRO >C10-C28	<10.0	10.0	10/19/2012	ND	159	79.4	200	9.04	

Surrogate: 1-Chlorooctane 76.8 % 65.2-140
Surrogate: 1-Chlorooctadecane 80.3 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	10/18/2012	Sampling Date:	10/17/2012
Reported:	10/24/2012	Sampling Type:	Soil
Project Name:	NIX GP BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	EDDY		

Sample ID: S1 7' (H202544-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2012	ND	1.76	88.1	2.00	0.795	
Toluene*	<0.050	0.050	10/23/2012	ND	1.93	96.6	2.00	1.35	
Ethylbenzene*	<0.050	0.050	10/23/2012	ND	1.93	96.7	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/23/2012	ND	5.85	97.6	6.00	2.00	

Surrogate: 4-Bromofluorobenzene (PIE) 103 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6500	16.0	10/19/2012	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/19/2012	ND	166	83.2	200	5.81	
DRO >C10-C28	<10.0	10.0	10/19/2012	ND	159	79.4	200	9.04	

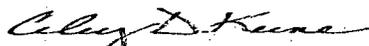
Surrogate: 1-Chlorooctane 74.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 78.1 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 10/18/2012
 Reported: 10/24/2012
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: EDDY

 Sampling Date: 10/17/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: S2 3' (H202544-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	10.3	1.00	10/24/2012	ND	1.76	88.1	2.00	0.795	
Toluene*	53.3	1.00	10/24/2012	ND	1.93	96.6	2.00	1.35	
Ethylbenzene*	9.98	1.00	10/24/2012	ND	1.93	96.7	2.00	1.60	
Total Xylenes*	43.2	3.00	10/24/2012	ND	5.85	97.6	6.00	2.00	

Surrogate: 4-Bromofluorobenzene (PIC) 107 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6800	16.0	10/19/2012	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	778	50.0	10/20/2012	ND	166	83.2	200	5.81	
DRO >C10-C28	263	50.0	10/20/2012	ND	159	79.4	200	9.04	

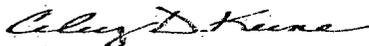
Surrogate: 1-Chlorooctane 88.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 102 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 10/18/2012
 Reported: 10/24/2012
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: EDDY

 Sampling Date: 10/17/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: S2 5' (H202544-05)
BTEX 8021B

mg/kg

Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2012	ND	1.76	88.1	2.00	0.795	
Toluene*	<0.050	0.050	10/23/2012	ND	1.93	96.6	2.00	1.35	
Ethylbenzene*	<0.050	0.050	10/23/2012	ND	1.93	96.7	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/23/2012	ND	5.85	97.6	6.00	2.00	

Surrogate: 4-Bromofluorobenzene (PIE) 105 % 89.4-126

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	10/19/2012	ND	416	104	400	0.00	

TPH 8015M

mg/kg

Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/20/2012	ND	166	83.2	200	5.81	
DRO >C10-C28	<10.0	10.0	10/20/2012	ND	159	79.4	200	9.04	

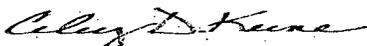
Surrogate: 1-Chlorooctane 79.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 84.4 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 10/18/2012
 Reported: 10/24/2012
 Project Name: NIX GP BATTERY
 Project Number: NONE GIVEN
 Project Location: EDDY

 Sampling Date: 10/17/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: S2 7' (H202544-06)

BTEX 8021B			Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2012	ND	1.76	88.1	2.00	0.795	
Toluene*	<0.050	0.050	10/23/2012	ND	1.93	96.6	2.00	1.35	
Ethylbenzene*	<0.050	0.050	10/23/2012	ND	1.93	96.7	2.00	1.60	
Total Xylenes*	<0.150	0.150	10/23/2012	ND	5.85	97.6	6.00	2.00	

Surrogate: 4-Bromofluorobenzene (PIE) 103 % 89.4-126

Chloride, SM4500Cl-B			Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6400	16.0	10/19/2012	ND	416	104	400	0.00	

TPH 8015M			Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/20/2012	ND	166	83.2	200	5.81	
DRO >C10-C28	<10.0	10.0	10/20/2012	ND	159	79.4	200	9.04	

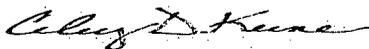
Surrogate: 1-Chlorooctane 77.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 83.4 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

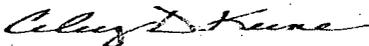
Notes and Definitions

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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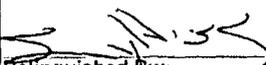
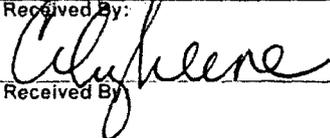
Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

 101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

Company Name: <u>YPC</u>				BILL TO				ANALYSIS REQUEST																			
Project Manager: <u>Jeremy Haass</u>				P.O. #: <u>103-2636</u>																							
Address:				Company: <u>YPC</u>																							
City: <u>Artesia</u>		State: <u>NM</u>		Zip: <u>88240</u>		Attn: <u>Jeremy Haass</u>																					
Phone #:		Fax #:		Address:																							
Project #:		Project Owner: <u>Jeremy Haass</u>		City:																							
Project Name: <u>Nix GP Battery</u>				State:																Zip:							
Project Location: <u>Eddy</u>				Phone #:																							
Sampler Name: <u>Jeremy Haass</u>				Fax #:																							
FOR LAB USE ONLY																											
Lab I.D.		Sample I.D.				(GIRAB OR C/COMP.)	# CONTAINERS													MATRIX					PRESERV		SAMPLING
								GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:	DATE	TIME									
<u>H202544</u>																											
<u>01</u>		<u>S1 3'</u>																									
<u>02</u>		<u>S1 5'</u>																									
<u>03</u>		<u>S1 7'</u>																									
<u>04</u>		<u>S2 3'</u>																									
<u>05</u>		<u>S2 5'</u>																									
<u>06</u>		<u>S2 7'</u>																									

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Relinquished By: 		Date: <u>10/18</u>	Received By: 	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:		Time: <u>12:12</u>	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)		Date:	Sample Condition	CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other: <u>2°C</u>		Time:	Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>CDL</u>	
REMARKS:					

#26