Analytical Report- H202544 H202664	Sample Date	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
°S1 3'	10/17/2012	3'	.24	ND	ND	ND	13200
*81 6 *	10/17/2012	5'	ND	ND	ND	ND	9800
*81 7	10/17/2012	7'	ND	ND	ND	ND	6500
*82 3'	10/17/2012	3'	116.78	778	263	1041	6800
* 82 5'	10/17/2012	5'	ND	ND	ND	ND	2240
*82 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 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 Havied





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 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



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	Analyze	d 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 (PIL	108 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d 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	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	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	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	96.2 S	63.6-15-	4						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 9



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 5' (H202664-02)

BTEX 8021B	mg/	kg	Analyze	ed 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 9	% 89.4-12	6	<u>, , , , , , , , , , , , , , , , , , , </u>					
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	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	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	65.2-14	0						
Surrogate: 1-Chlorooctadecane	97.1	63.6-15	4						

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



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 7' (H202664-03)

BTEX 8021B	mg/	kg	Analyze	ed 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 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	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	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 \$	65.2-14	0						
Surrogate: 1-Chlorooctadecane	88.1 9	63.6-15	4						

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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	Analyze	d 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 %	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	
ТРН 8015М	mg/	kg	Analyze	d 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 %	65.2-14)						
Surrogate: 1-Chlorooctadecane	164 %	63.6-15	4						

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Celey D. Keene, Lab Director/Quality Manager

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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 5' (H202664-05)

BTEX 8021B	mg/	/kg	Analyze	ed 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 \$	% 89.4-12	6				· · · ·		
Chloride, SM4500Cl-B	mg/	kg	Analyze	ed 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	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	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	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	103 9	63.6-15	4						

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	ed 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 9	% 89.4-120	5						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	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	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	88.79	65.2-140)						
Surrogate: 1-Chlorooctadecane	98.2 9	63.6-154							

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Celey D. Keene, Lab Director/Quality Manager

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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 SM4500CI-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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Celez D. Kune



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	101 East Marland, Ho (575) 393-2326 FAX (0																					
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city: Artesi	A	State: NM z	Zip: <	38	210	5		Att	n: 5	<u>ور</u> و	- JH	کد۔												
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† Cardinal cannot accept verbal changes. Please fax written changes to (575) 39342326

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2.(.)

Yes Yes



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 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,

Celey D. Kune

Celey D. Keene Lab Director/Quality Manager



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	Analyze	d 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 (PIL	103 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM				<u></u>	
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	Analyze	d 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	% 65.2-14	0				···· · · -		
Surrogate: 1-Chlorooctadecane	83.1	63.6-15	4						

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



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	Analyze	d 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 (PIL	103	% 89.4-12	6	· · · · · · · · · · · · · · · · · · ·					
Chloride, SM4500CI-B	mg,	'kg	Analyze	d 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	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	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	0						
Surrogate: 1-Chlorooctadecane	80.3	63.6-154	4						

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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	Analyze	ed 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 (PIL	103 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BŚ	% 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 5	65.2-140)				<u> </u>		
Surrogate: 1-Chlorooctadecane	78.1 9	63.6-154	4						

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



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: S2 3' (H202544-04)

BTEX 8021B	mg,	'kg	Analyze	d 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 (PIL	107 5	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 65.2-14	0				,		
Surrogate: 1-Chlorooctadecane	102 9	63.6-15	4						

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Celey D. Keene, Lab Director/Quality Manager

Page 5 of 9



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
	10/24/2012		Sampling Type:	Soil
Reported:	, ,		1 3 /1	
Project Name:	NIX GP BATTERY	:	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	ł	Sample Received By:	Celey D. Keene
Project Location:	EDDY	I		

Sample ID: S2 5' (H202544-05)

BTEX 8021B	mg,	/kg	Analyze	d 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 (PIL	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)				- 11		
Surrogate: 1-Chlorooctadecane	84.4	% 63.6-154	!						
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Celey D. Kerne



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: S2 7' (H202544-06)

BTEX 8021B	mg/	kg	Analyze	d 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 (PIL	103 9	% 89.4-120	5						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	mg/	kg	Analyze	d By: MS		<u></u>			
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 5	65.2-140)						
Surrogate: 1-Chlorooctadecane	83.4 9	63.6-154	t						

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Celey D. Kune

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 SM4500CI-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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Celeg & Keine

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 ANALYSIS REQUEST

				S	ANALIDIO	
Project Manage	· Jeremy Houss		P.O. #: 103-2636			
Address:		Company: YPC				
ciny: Arter	in State: NM	Attn: Jecemy Harss				
Phone #:	Fax #:		Address:			
Project #: Project Owner: Der on y Hands			City:			
Project Name:	Nix GP Battery	1	State: Zip:			
Project Location	n: Edly		Phone #:			
Sampler Name:	Jacomy Hauss		Fax #:	X V V V		
FOR LAB USE ONLY		MATRIX	PRESERV SAMPLING			
		(C)OMP. ERS ATER ER		8 3		
		TER (C)		D ::		
Lab I.D.	Sample I.D.	3 OR TAIN NDW		TPX Chlo		
42.2041		(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER WASTEWATER SOL	OTHER : ACID/BASE: OTHER : OTHER :	12 3		
H202544-	51 3'	<u> </u>				
01	52 5'		X 10,17 X 10,17	<u> X X - </u>		
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୍ୟୁ	<u>517'</u> 523'					
05		X				
06	Y		X 10/17	ネネー		
0.0			X 10/17			
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		╏╧┨╶┨╌╁╴╁╸┼╶┼╸		-		

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service, in no event shall contain to manifestation consequential damages, including window a macrosti, business interruptiones, asso true, or roots of promis instanted by decit, to subsidiates and and a second
Relinquished By:	Date: Received	Ay: //	Phone Result:	D Yes	D No	Add'l Phone #:	
	10/18		Fax Result:	O Yes	D No	Add'l Fax #:	
	Time:	A CARO	REMARKS:				
Destin	Date: Received	when	1				
Relinquished By:	Date: Received	By \					
		//					
	Time:	V					
Delivered By: (Circle One)		Sample Condition CHECKED BY:]				
	200	Cool Intact (Initials)					
Sampler - UPS - Bus - Other:	a°C,	Yes Yes COL					
L		LINOLI NO I COM	1				

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