MARTIN YATES, III 1912-1985

FRANK W. YATES 1936-1986

> S.P YATES 1914-2008



105 SOUTH FOURTH STREET

ARTESIA, NEW MEXICO 88210-2118

TELEPHONE (575) 748-1471

JOHN A. YATES

JOHN A. YATES JR.

JAMES S. BROWN CHIEF OPERATING OFFICER

JOHN D. PERINI

JORGE S. MENDOZA CHIEF ADMINISTRATIVE OFFICER

RECEIVED

OCT 3 0 2012

NMOCD ARTESIA

October 30, 2012

Mr. Mike Bratcher Oil Conservation Division 811 S. First St. Artesia, NM 88210

RE:

Creek AL Federal #12

30-015-27775

Section 25, T18S-R30E Eddy County, New Mexico

Dear Mr. Bratcher,

Yates Petroleum Corporation would like to submit the enclosed documents for closure of the above captioned well. These documents are being submitted in response to the C-141 Initial report submitted 10/15/12.

The impacted area at this location has been excavated down to a depth within the RRAL's set by the New Mexico Oil Conservation Division. All impacted soil has been hauled for disposal to an OCD approved location. The attached documents include analytical results and a results summary table highlighting the impacted soil removed in red. Sample areas were labeled as S1, S2, and S3 in accordance to the drawing submitted on 10/17/12.

If there are no objections, Yates Petroleum Corporation will submit a C-141 Final for closure and begin backfill of the excavated area.

If you have any questions please feel free to contact me at (575) 748-4350.

Thank You,

Lupe Carrasco

Environmental Regulatory Agent

Yates Petroleum Corporation

Creek AL Federal #12

Analytical Report- H202528	Sample Date	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
°S(1-1°	10/16/2012	1'	175	3300	10800		1100
S1-2'	10/16/2012	2'	ND	ND	10.6		288
S1-3'	10/16/2012	3'	ND	ND	11.2		464
S1-4'	10/16/2012	4'	ND	ND	ND		352
~S2-1°	10/16/2012	1'	11	19.1	125		3120
\$2-2'	10/16/2012	2'	ND	ND	ND		2840
S2-3'	10/16/2012	3'	ND	ND	355		3440
S2-4'	10/16/2012	4'	ND	ND	ND		896
*\$9-1°	10/16/2012	1'	139	9550	16100		2400
S3-2'	10/16/2012	2'	54	562	1580		2280
S3-3'	10/16/2012	3'	0.078	ND	ND		2560
S3-4'	10/16/2012	4'	ND	ND	ND		2480

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 184', per trend map).

All results are ppm.Chlorides for documentation.

Released: 20 B/O, 15 B/PW, Recovered: 0 B/O, 0 B/PW. Release Date: 8/15/2012

^{*} Cells in red have been excavated and hauled for disposal. Excavated between 12" & 18".



October 22, 2012

LUPE CARRASCO

Yates Energy Petroleum Corp 105 S 4th Street

Artesia, NM 88210

RE: CREEK AL FEDERAL #12

Enclosed are the results of analyses for samples received by the laboratory on 10/16/12 13:30.

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.

Celey D. Keens

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



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

Fax To:

(505) 748-4635

Received:

10/16/2012

Sampling Date:

10/16/2012

Reported:

10/22/2012

Sampling Type:

Soil

Project Name:

CREEK AL FEDERAL #12

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

EDDY

Sample ID: S 1 - 1' (H202528-01)

BTEX 8021B	mg/	'kg	Analyze	d By: AP					-
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<5.00	5.00	10/17/2012	ND	2.25	112	2.00	3.06	
Toluene*	32.2	5.00	10/17/2012	ND	2.14	107	2.00	2.00	
Ethylbenzene*	80.6	5.00	10/17/2012	ND	2.14	107	2.00	1.46	
Total Xylenes*	62.2	15.0	10/17/2012	ND	6.32	105	6.00	8.68	
Surrogate. 4-Bromofluorobenzene (PIL	1169	% 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	1100	16.0	10/18/2012	ND	400	100	400	0.00	
TPH 8015M	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	3300	200	10/17/2012	ND	193	96.7	200	5.54	
DRO >C10-C28	10800	200	10/17/2012	ND	192	96.2	200	6.22	
Surrogate. 1-Chlorooctane	3149	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	253 9	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



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

Fax To:

(505) 748-4635

Received:

10/16/2012

Sampling Date:

10/16/2012

Reported:

10/22/2012

Sampling Type:

Soil

Project Name:

CREEK AL FEDERAL #12

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

EDDY

Sample ID: S 1 - 2' (H202528-02)

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	10/17/2012	ND	2.25	112	2.00	3.06	
Toluene*	<0.050	0.050	10/17/2012	ND	2.14	107	2.00	2.00	
Ethylbenzene*	<0.050	0.050	10/17/2012	ND	2.14	107	2.00	1.46	
Total Xylenes*	<0.150	0.150	10/17/2012	ND	6.32	105	6.00	8.68	
Surrogate: 4-Bromofluorobenzene (PIC	103 %	6 89.4-126	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	288	16.0	10/18/2012	ND	400	100	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	10/17/2012	ND	193	96.7	200	5.54	
DRO >C10-C28	10.6	10.0	10/17/2012	ND	192	96.2	200	6.22	
Surrogate: 1-Chlorooctane	96.8 9	65 2-140	0						
Surrogate 1-Chlorooctadecane	95 4 %	63.6-154	4						

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Celey & Keine



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

Fax To:

(505) 748-4635

Received:

10/16/2012

Sampling Date:

10/16/2012

Reported:

10/22/2012

Sampling Type:

Project Name:

CREEK AL FEDERAL #12

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

EDDY

Sample ID: \$ 1 - 3' (H202528-03)

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	10/17/2012	ND	2.25	112	2.00	3.06	
Toluene*	<0.050	0.050	10/17/2012	ND	2.14	107	2.00	2.00	
Ethylbenzene*	<0.050	0.050	10/17/2012	ND	2.14	107	2.00	1.46	
Total Xylenes*	<0.150	0.150	10/17/2012	ND	6.32	105	6.00	8.68	
Surrogate: 4-Bromofluorobenzene (PIL	101	% 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	464	16.0	10/18/2012	ND	400	100	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	10/17/2012	ND	193	96.7	200	5.54	
DRO >C10-C28	11.2	10.0	10/17/2012	ND	192	96.2	200	6.22	
Surrogate 1-Chlorooctane	101	% 65 2-14	o						
Surrogate. 1-Chlorooctadecane	988	% 63 6-15	4						

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Celeg D. Keine



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

Fax To:

(505) 748-4635

Received:

10/16/2012

Sampling Date:

10/16/2012

Reported:

10/22/2012

Sampling Type:

Soil

Project Name:

CREEK AL FEDERAL #12

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

EDDY

Sample ID: S 1 - 4' (H202528-04)

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	10/17/2012	ND	2.25	112	2.00	3.06	
Toluene*	<0.050	0.050	10/17/2012	ND	2.14	107	2.00	2.00	
Ethylbenzene*	<0.050	0.050	10/17/2012	ND	2.14	107	2.00	1.46	
Total Xylenes*	<0.150	0.150	10/17/2012	ND	6.32	105	6.00	8.68	
Surrogate · 4-Bromofluorobenzene (PIL	104 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	352	16.0	10/18/2012	ND	400	100	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	10/17/2012	ND	193	96.7	200	5.54	
DRO >C10-C28	<10.0	10.0	10/17/2012	ND	19 2	96.2	200	6. 22	
Surrogate: 1-Chlorooctane	961	% 65.2-14	0						
Surrogate 1-Chlorooctadecane	93 0	% 63.6-15	4						

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Celey & Kune

Celey D. Keene, Lab Director/Quality Manager



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

Fax To:

(505) 748-4635

Received:

10/16/2012

Sampling Date:

10/16/2012

Reported:

10/22/2012

Sampling Type:

Soil

Project Name:

CREEK AL FEDERAL #12

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

EDDY

Sample Received By:

Jodi Henson

Sample ID: S 2 - 1' (H202528-05)

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*	0.058	0.050	10/17/2012	ND	2.25	112	2.00	3.06	
Toluene*	1.90	0.050	10/17/2012	ND	2.14	107	2.00	2.00	
Ethylbenzene*	5.22	0.050	10/17/2012	ND	2.14	107	2.00	1.46	
Total Xylenes*	3.92	0.150	10/17/2012	ND	6.32	105	6.00	8.68	
Surrogate: 4-Bromofluorobenzene (PIL	203	% 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	3120	16.0	10/18/2012	ND	400	100	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	19.1	10.0	10/17/2012	ND	193	96.7	200	5.54	
DRO >C10-C28	125	10.0	10/17/2012	ND	192	96.2	200	6.22	
Surrogate: 1-Chlorooctane	99 5	% 65.2-14	o						
Surrogate: 1-Chlorooctadecane	978	% 63 6-15	4						

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

Fax To:

: (505) 748-4635

Received:

10/16/2012

Sampling Date:

10/16/2012

Reported:

10/22/2012

Sampling Type:

Soil

Project Name:

CREEK AL FEDERAL #12

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

EDDY

Sample ID: S 2 - 2' (H202528-06)

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	10/17/2012	ND	2.25	112	2.00	3.06	
Toluene*	<0.050	0.050	10/17/2012	ND	2.14	107	2.00	2.00	
Ethylbenzene*	<0.050	0.050	10/17/2012	ND	2.14	107	2.00	1.46	
Total Xylenes*	<0.150	0.150	10/17/2012	ND	6.32	105	6.00	8.68	
Surrogate 4-Bromofluorobenzene (PIL	104 %	6 89.4-120	5						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	10/18/2012	ND	400	100	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	10/17/2012	ND	193	96.7	200	5.54	
DRO >C10-C28	<10.0	10.0	10/17/2012	ND	192	96.2	200	6.22	
Surrogate 1-Chlorooctane	102 %	65 2-140)						
Surrogate 1-Chlorooctadecane	100 %	6 63 6-154	1						

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Celey & Keene



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

Fax To:

(505) 748-4635

Received:

10/16/2012

10/16/2012

Reported:

10/22/2012

Sampling Date: Sampling Type:

Soil

Project Name:

CREEK AL FEDERAL #12

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

EDDY

Sample ID: S 2 - 3' (H202528-07)

BTEX 8021B	mg/	kg	Analyze	d By: AP					_
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0,050	10/17/2012	ND	2.25	112	2.00	3.06	
Toluene*	<0.050	0.050	10/17/2012	ND	2.14	107	2.00	2.00	
Ethylbenzene*	<0.050	0.050	10/17/2012	ND	2.14	107	2.00	1.46	
Total Xylenes*	<0.150	0.150	10/17/2012	ND	6.32	105	6.00	8.68	
Surrogate: 4-Bromofluorobenzene (PIL	103 %	6 89 4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3440	16.0	10/18/2012	ND	400	100	400	0.00	
TPH 8015M	mg/i	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	10/17/2012	ND	193	96.7	200	5.54	
DRO >C10-C28	355	50.0	10/17/2012	ND	192	96.2	200	6.22	
Surrogate. 1-Chlorooctane	90 1 9	65 2-14	0						
Surrogate 1-Chlorooctadecane	99 7 9	63.6-15	4						

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Celeg & Keine



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

Fax To:

(505) 748-4635

Received:

10/16/2012

Sampling Date:

10/16/2012

Reported:

Sampling Type:

Soil

Project Name:

10/22/2012 **CREEK AL FEDERAL #12**

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

EDDY

Sample ID: S 2 - 4' (H202528-08)

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	10/17/2012	ND	2.25	112	2.00	3.06	
Toluene*	<0.050	0.050	10/17/2012	ND	2.14	107	2.00	2.00	
Ethylbenzene*	<0.050	0.050	10/17/2012	ND	2.14	107	2.00	1.46	
Total Xylenes*	<0.150	0.150	10/17/2012	ND	6.32	105	6.00	8.68	
Surrogate. 4-Bromofluorobenzene (PIL	104 %	6 89 4-12	6						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	10/18/2012	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	10/17/2012	ND	193	96.7	200	5.54	
DRO >C10-C28	<10.0	10.0	10/17/2012	ND	192	96.2	200	6.22	
Surrogate: 1-Chlorooctane	102 %	65 2-14	0						
Surrogate: 1-Chlorooctadecane	102 %	6 63 6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE Liability and Darnages Cardinal's liability and client's exclusive reme any other cause whatsoever shall be deemed walved 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 use, or loss of use, or loss of profits incurred 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

Celey & Keine



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

(505) 748-4635 Fax To:

Received:

10/16/2012

10/22/2012

Sampling Date:

10/16/2012

Reported:

Sampling Type:

Soil

Project Name:

CREEK AL FEDERAL #12

Sampling Condition:

Cool & Intact

Project Number: Project Location: NONE GIVEN

Sample Received By:

Jodi Henson

EDDY

Sample ID: S 3 - 1' (H202528-09)

BTEX 8021B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	6.55	5.00	10/18/2012	ND	2.25	112	2.00	3.06	
Toluene*	37.6	5.00	10/18/2012	ND	2.14	107	2.00	2.00	
Ethylbenzene*	57.6	5.00	10/18/2012	ND	2.14	107	2.00	1.46	
Total Xylenes*	36.8	15.0	10/18/2012	ND	6.32	105	6.00	8.68	
Surrogate: 4-Bromofluorobenzene (PIL	120	% 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	2400	16.0	10/18/2012	ND	416	104	400	0.00	
TPH 8015M	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	9550	200	10/17/2012	ND	193	96.7	200	5.54	
DRO >C10-C28	16100	200	10/17/2012	ND	192	96.2	200	6.22	
Surrogate 1-Chlorooctane	259	% 65 2-14	0						
Surrogate: 1-Chlorooctadecane	232	% 63 6-15	4						

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

Fax To:

(505) 748-4635

Received:

10/16/2012

Sampling Date:

10/16/2012

Reported:

10/22/2012

Sampling Type:

Soil

Project Name:

CREEK AL FEDERAL #12

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

EDDY

Sample ID: S 3 - 2' (H202528-10)

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*	1.69	0.500	10/18/2012	ND	2.25	112	2.00	3.06	
Toluene*	11.4	0.500	10/18/2012	ND	2.14	107	2.00	2.00	
Ethylbenzene*	28.0	0.500	10/18/2012	ND	2.14	107	2.00	1.46	
Total Xylenes*	13.2	1.50	10/18/2012	ND	6.32	105	6.00	8.68	
Surrogate: 4-Bromofluorobenzene (PIL	150	% 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	2280	16.0	10/18/2012	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	562	50.0	10/17/2012	ND	193	96.7	200	5.54	
DRO >C10-C28	1580	50.0	10/17/2012	ND	192	96.2	200	6.22	
Surrogate 1-Chlorooctane	128	% 65 2-14	0						
Surrogate 1-Chlorooctadecane	111 9	% 63 6-15	4						

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

Fax To:

(505) 748-4635

Received: Reported: 10/16/2012

10/22/2012

Project Name: Project Number: CREEK AL FEDERAL #12 NONE GIVEN

Project Location:

EDDY

Sampling Date:

10/16/2012

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S 3 - 3' (H202528-11)

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	10/18/2012	ND	2.25	112	2.00	3.06	
Toluene*	<0.050	0.050	10/18/2012	ND	2.14	107	2.00	2.00	
Ethylbenzene*	0.078	0.050	10/18/2012	ND	2.14	107	2.00	1.46	
Total Xylenes*	<0.150	0.150	10/18/2012	ND	6.32	105	6.00	8.68	
Surrogate. 4-Bromofluorobenzene (PIL	117 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	2560	16.0	10/18/2012	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	10/17/2012	ND	193	96.7	200	5.54	
DRO >C10-C28	<10.0	10.0	10/17/2012	ND	192	96.2	200	6.22	
Surrogate 1-Chlorooctane	960	% 65 2-14	0						
Surrogate 1-Chlorooctadecane	91.9	% 63.6-15	4						

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Celey D. Keine



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

Fax To:

(505) 748-4635

Received:

10/16/2012

Sampling Date:

10/16/2012

Reported:

10/22/2012

Sampling Type:

Soil

Project Name:

CREEK AL FEDERAL #12

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

EDDY

Sample ID: S 3 - 4' (H202528-12)

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	10/18/2012	ND	2.25	112	2.00	3.06	
Toluene*	<0.050	0.050	10/18/2012	ND	2.14	107	2.00	2.00	
Ethylbenzene*	<0.050	0.050	10/18/2012	ND	2.14	107	2.00	1.46	
Total Xylenes*	<0.150	0.150	10/18/2012	ND	6.32	105	6.00	8.68	•
Surrogate 4-Bromofluorobenzene (PIL	102	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Anałyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	10/18/2012	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	10/17/2012	ND	193	96.7	200	5.54	
DRO >C10-C28	<10.0	10.0	10/17/2012	ND	192	96.2	200	6.22	
Surrogate: 1-Chlorooctane	96 9	% 65.2-14	0						
Surrogate 1-Chlorooctadecane	96 3	% 63 6-15	4						

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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.

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or

greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance

limits.

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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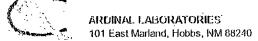


CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476

	Project Manager:	Lupe Carrasco																•	Pro	ject	Nan	ıe:	15-	<u>,;</u>	, . ·		ء پهستَص	· · ·		 			ريد				
	Compt (505) 393-2326 Yates Petroleum Corporation													Project#:																							
	Company Address:	105 South 4th S											Project Loc:												p-i-nul												
	City/State/Zip: Artesia, NM 88210																PO.#: 103-163																				
	Telephone No: 575-748-4350						Fax No:										Re	port	For	mat	_ : [× s	Standard [] TRRP						NPDES								
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CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

(505),393-2326 FAX (505) 393-2476

	Project Manager:	Lupe Carrasco		-	····		-	<u></u>					·					Proj	ect i	Nam	e: <u>_</u>	.) (; <u>)</u>	<u>::/:</u>	<u>./;</u>	, 				age of the	arangia,	بدعوشه	Sand Section of the S
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	Telephone No:	575-748-4350					Fax No:										Нe	port	Fori	mat:	; [x s	Stand	lard] TRI	RP	[ЭΝ	IPDE	s
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