

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
CHAIRMAN OF THE BOARD

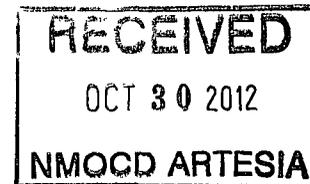
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CHIEF OPERATING OFFICER

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CHIEF FINANCIAL OFFICER

JORGE S. MENDOZA
CHIEF ADMINISTRATIVE OFFICER

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,

A handwritten signature in cursive script, appearing to read 'Lupe Carrasco'.

Lupe Carrasco
Environmental Regulatory Agent
Yates Petroleum Corporation

Creek AL Federal #12

Analytical Report- H202528	Sample Date	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
S1-1'	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
S2-2'	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
S3-1'	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_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
 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		Analyzed 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) 116 % 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	1100	16.0	10/18/2012	ND	400	100	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	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 314 % 65.2-140

Surrogate: 1-Chlorooctadecane 253 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celest D. Keene, Lab Director/Quality Manager

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 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		Analyzed 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 % 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	288	16.0	10/18/2012	ND	400	100	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	10/17/2012	ND	193	96.7	200	5.54		
DRO >C10-C28	10.6	10.0	10/17/2012	ND	192	96.2	200	6.22		

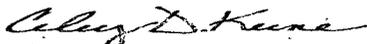
Surrogate: 1-Chlorooctane 96.8 % 65 2-140

Surrogate: 1-Chlorooctadecane 95.4 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 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 - 3' (H202528-03)

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	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) 101 % 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	464	16.0	10/18/2012	ND	400	100	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	10/17/2012	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 % 65.2-140

Surrogate: 1-Chlorooctadecane 98.8 % 63.6-154

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Analytical Results For:

 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		Analyzed 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 % 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	352	16.0	10/18/2012	ND	400	100	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	10/17/2012	ND	193	96.7	200	5.54		
DRO >C10-C28	<10.0	10.0	10/17/2012	ND	192	96.2	200	6.22		

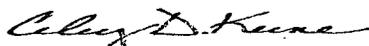
Surrogate 1-Chlorooctane 96.1 % 65 2-140

Surrogate 1-Chlorooctadecane 93.0 % 63.6-154

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Analytical Results For:

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 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 - 1' (H202528-05)

BTEX 8021B	mg/kg	Analyzed 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 (PIC) 203 % 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	3120	16.0	10/18/2012	ND	400	100	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	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	

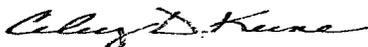
Surrogate: 1-Chlorooctane 99.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.8 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

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 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		Analyzed 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) 104 % 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	2840	16.0	10/18/2012	ND	400	100	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	10/17/2012	ND	193	96.7	200	5.54		
DRO >C10-C28	<10.0	10.0	10/17/2012	ND	192	96.2	200	6.22		

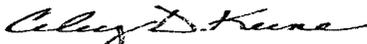
Surrogate: 1-Chlorooctane 102 % 65.2-140

Surrogate 1-Chlorooctadecane 100 % 63 6-154

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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 - 3' (H202528-07)

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	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 % 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	3440	16.0	10/18/2012	ND	400	100	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	10/17/2012	ND	193	96.7	200	5.54		
DRO >C10-C28	355	50.0	10/17/2012	ND	192	96.2	200	6.22		

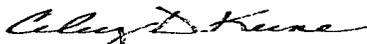
Surrogate 1-Chlorooctane 90.1 % 65 2-140

Surrogate 1-Chlorooctadecane 99.7 % 63.6-154

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 105 S 4th Street
 Artesia NM, 88210
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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 - 4' (H202528-08)

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	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) 104 % 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	896	16.0	10/18/2012	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	10/17/2012	ND	193	96.7	200	5.54		
DRO >C10-C28	<10.0	10.0	10/17/2012	ND	192	96.2	200	6.22		

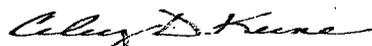
Surrogate 1-Chlorooctane 102 % 65.2-140

Surrogate 1-Chlorooctadecane 102 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 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 - 1' (H202528-09)

BTEX 8021B		mg/kg		Analyzed 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 (PIC) 120 % 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	2400	16.0	10/18/2012	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	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 2-140

Surrogate 1-Chlorooctadecane 232 % 63 6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 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		Analyzed 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 (PIC) 150 % 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	2280	16.0	10/18/2012	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	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		

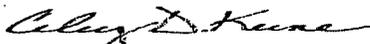
Surrogate: 1-Chlorooctane 128 % 65.2-140

Surrogate: 1-Chlorooctadecane 111 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 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 - 3' (H202528-11)

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	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 (PIC) 117 % 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	2560	16.0	10/18/2012	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	10/17/2012	ND	193	96.7	200	5.54		
DRO >C10-C28	<10.0	10.0	10/17/2012	ND	192	96.2	200	6.22		

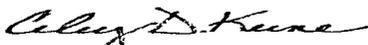
Surrogate 1-Chlorooctane 96.0 % 65 2-140

Surrogate: 1-Chlorooctadecane 91.9 % 63 6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 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' (H20528-12)

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	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 (PIC) 102 % 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	2480	16.0	10/18/2012	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	10/17/2012	ND	193	96.7	200	5.54		
DRO >C10-C28	<10.0	10.0	10/17/2012	ND	192	96.2	200	6.22		

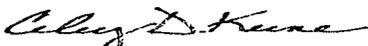
Surrogate: 1-Chlorooctane 96.9 % 65 2-140

Surrogate: 1-Chlorooctadecane 96.3 % 63 6-154

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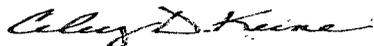
Notes and Definitions

- 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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