

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

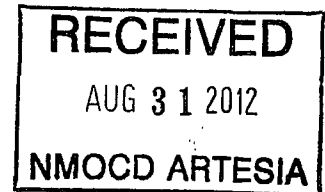
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CHIEF OPERATING OFFICER

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CHIEF FINANCIAL OFFICER

JORGE S. MENDOZA
CHIEF ADMINISTRATIVE OFFICER

August 31, 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 for your consideration the enclosed work plan for the above captioned well. The plan is being submitted in response to the C-141 report dated August 17, 2012.

If there are no objections with the scope of work described in the plan, Yates Petroleum Corporation will have a contractor begin work on or after the week of September 14, 2012 or earlier with your approval.

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

Enclosure(s): Work Plan
Map to location.
Analytical Results Summary Table
Analytical Report (H2021010)

Yates Petroleum Corporation
Creek AL Federal #12 Work Plan
Section 25, T18S-R30E
Eddy County, New Mexico
August 31, 2012

I. Location

From Loco Hills, go East on Hwy. 82 to County Road 222. Turn South for 6 ½ miles to Grubbs Road. Turn West on Grubbs for 2 ½ miles. Turn North on caliche road for approximately ½ mile. Turn right for 500' to location.

II. Background

On August 15, 2012, a release occurred consisting of 20 B/O and 15 B/PW of which 0 B/O and 0 B/PW were recovered. The release occurred due to a leak in the flow line. Yates Petroleum Corporation submitted a C-141 Initial on August 20, 2012, to the NMOCD District II Office. The total impacted area was approximately 10' X 10'. Production had the impacted area excavated, hauled, and some of the soil stockpiled on location. The area was excavated to a depth of about 14' before the impacted site was sampled. Before delineation samples were taken on August 22, 2012, the excavated area had naturally backfilled to a depth of 10' because of the instability of the sidewalls and the sandy soil. The total excavated area measures approximately 20' X 60'. Initial delineation samples were sent to an NMOCD approved laboratory (8/28/12 results enclosed).

III. Surface and Ground Water

Area surface geology is Cenozoic. The nearest Depth to Groundwater record listed on the Chevron Texaco Trend Map (Section 25, T18S-R30E) shows depth of groundwater to be approximately 184 feet making the site ranking for this site a zero (0). Watercourses in the area are dry except for infrequent flows in response to major precipitation events.

The ranking for this site is zero (0) based on the as following:

Depth to ground water	> 100'
Wellhead Protection Area	> 1000'
Distance to surface water body	> 1000'

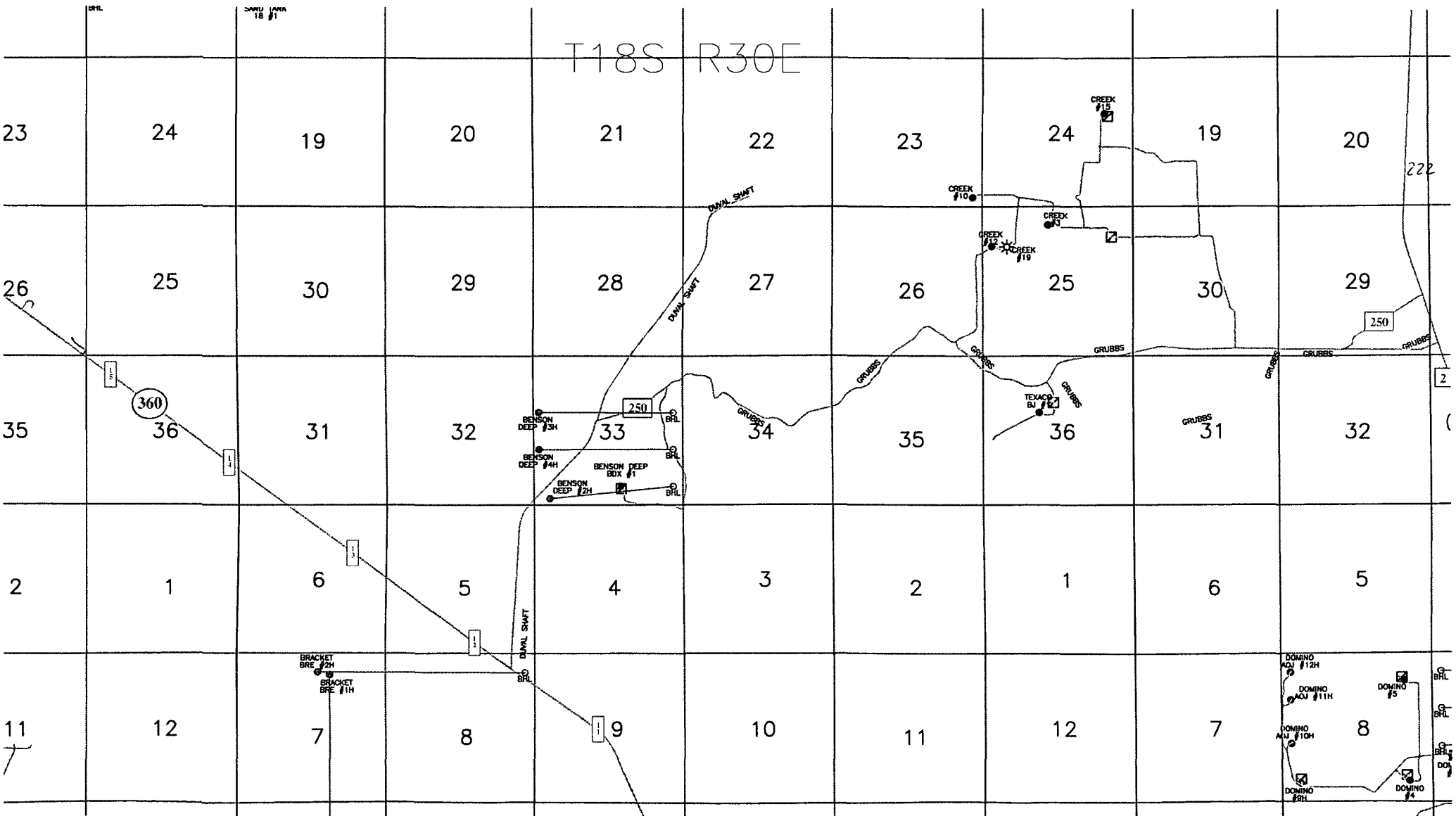
IV. Soils

The area consists of soils that are sandy and highly permeable with no measureable barrier to retard vertical percolation of contaminants into the subsurface.

V. Scope of Work

Upon approval of this work plan and based on the enclosed analytical results, Yates Petroleum Corporation will have a contractor excavate 2' of the remaining impacted soil (total excavation will be 20' x 60' x 12' deep). Impacted soils excavated will be stock piled on plastic and remediated on site until sample analysis indicate that levels are below RRAL's. Remediation will consist of working the material bi-monthly and adding water and fertilizer as needed. Once samples indicate levels below RRAL's, Yates Petroleum Corporation will submit a C-141 for closure. Based on approval, the remediated soil will be returned to the excavation area and soil will be brought in from a neighboring pit to backfill the excavated area and returned the area to its natural state.

T18S R30E



Creek AL Federal #12

Analytical Report: H202010	Sample Date	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
S1-10'	8/22/2012	10'	231	3690	10500	14190	560
S1-12'	8/22/2012	12'	77.5	1500	5420	6997.5	384
S1-14'	8/22/2012	14'	ND	ND	ND	0	32
S1-16'	8/22/2012	16'	0.085	ND	24.1	24.185	2640
S2-10'	8/22/2012	10'	ND	ND	ND	0	32
S2-12'	8/22/2012	12'	ND	ND	ND	0	ND
S2-14'	8/22/2012	14'	108.13	1140	3410	4658.13	880
S2-16'	8/22/2012	16'	ND	ND	22.2	22.2	848
S-Pile	8/22/2012		255.51	4160	12800	16960	1600

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

August 28, 2012

LUPE CARRASCO

Yates Energy Petroleum Corp

105 S 4th Street

Artesia, NM 88210

RE: CREEK AL #12

Enclosed are the results of analyses for samples received by the laboratory on 08/22/12 14:50.

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: 08/22/2012
 Reported: 08/28/2012
 Project Name: CREEK AL #12
 Project Number: 103-163
 Project Location: NOT GIVEN

 Sampling Date: 08/22/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S1 - 10' (H202010-01)

BTEX 8021B			mg/kg		Analyzed By: AP				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	2.90	1.00	08/27/2012	ND	1.64	82.1	2.00	0.462		
Toluene*	38.3	1.00	08/27/2012	ND	1.69	84.4	2.00	0.170		
Ethylbenzene*	113	1.00	08/27/2012	ND	1.75	87.7	2.00	0.370		
Total Xylenes*	76.8	3.00	08/27/2012	ND	5.65	94.2	6.00	0.713		

Surrogate: 4-Bromofluorobenzene (PIC) 141 % 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	560	16.0	08/27/2012	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	3690	100	08/27/2012	ND	213	107	200	3.48	
DRO >C10-C28	10500	100	08/27/2012	ND	218	109	200	5.40	

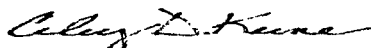
Surrogate: 1-Chlorooctane 312 % 65.2-140

Surrogate: 1-Chlorooctadecane 188 % 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
LUPE CARRASCO
105 S 4th Street
Artesia NM, 88210
Fax To: (505) 748-4635

Received: 08/22/2012
Reported: 08/28/2012
Project Name: CREEK AL #12
Project Number: 103-163
Project Location: NOT GIVEN

Sampling Date: 08/22/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S1 - 12' (H202010-02)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	08/27/2012	ND	1.64	82.1	2.00	0.462	
Toluene*	10.2	1.00	08/27/2012	ND	1.69	84.4	2.00	0.170	
Ethylbenzene*	38.8	1.00	08/27/2012	ND	1.75	87.7	2.00	0.370	
Total Xylenes*	28.5	3.00	08/27/2012	ND	5.65	94.2	6.00	0.713	

Surrogate 4-Bromofluorobenzene (PIC) 110 % 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	384	16.0	08/27/2012	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	1500	100	08/27/2012	ND	213	107	200	3.48		
DRO >C10-C28	5420	100	08/27/2012	ND	218	109	200	5.40		

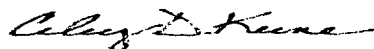
Surrogate 1-Chlorooctane 211 % 65.2-140

Surrogate: 1-Chlorooctadecane 194 % 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
 LUPE CARRASCO
 105 S 4th Street
 Artesia NM, 88210
 Fax To: (505) 748-4635

 Received: 08/22/2012
 Reported: 08/28/2012
 Project Name: CREEK AL #12
 Project Number: 103-163
 Project Location: NOT GIVEN

 Sampling Date: 08/22/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S1 - 14' (H202010-03)

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	08/27/2012	ND	1.64	82.1	2.00	0.462	
Toluene*	<0.050	0.050	08/27/2012	ND	1.69	84.4	2.00	0.170	
Ethylbenzene*	<0.050	0.050	08/27/2012	ND	1.75	87.7	2.00	0.370	
Total Xylenes*	<0.150	0.150	08/27/2012	ND	5.65	94.2	6.00	0.713	

Surrogate 4-Bromofluorobenzene (PIC) 99.4 % 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	32.0	16.0	08/27/2012	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	08/27/2012	ND	213	107	200	3.48	
DRO >C10-C28	<10.0	10.0	08/27/2012	ND	218	109	200	5.40	


Surrogate 1-Chlorooctane 84.7 % 65.2-140

Surrogate 1-Chlorooctadecane 98.6 % 63.6-154

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* = Accredited Analyte

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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: 08/22/2012
 Reported: 08/28/2012
 Project Name: CREEK AL #12
 Project Number: 103-163
 Project Location: NOT GIVEN

 Sampling Date: 08/22/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S1 - 16' (H202010-04)

BTX 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	08/27/2012	ND	1.64	82.1	2.00	0.462	
Toluene*	<0.050	0.050	08/27/2012	ND	1.69	84.4	2.00	0.170	
Ethylbenzene*	0.085	0.050	08/27/2012	ND	1.75	87.7	2.00	0.370	
Total Xylenes*	<0.150	0.150	08/27/2012	ND	5.65	94.2	6.00	0.713	

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	2640	16.0	08/27/2012	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	08/27/2012	ND	213	107	200	3.48	
DRO >C10-C28	24.1	10.0	08/27/2012	ND	218	109	200	5.40	

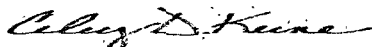
Surrogate. 1-Chlorooctane 92.1 % 65.2-140

Surrogate. 1-Chlorooctadecane 103 % 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
 LUPE CARRASCO
 105 S 4th Street
 Artesia NM, 88210
 Fax To: (505) 748-4635

 Received: 08/22/2012
 Reported: 08/28/2012
 Project Name: CREEK AL #12
 Project Number: 103-163
 Project Location: NOT GIVEN

 Sampling Date: 08/22/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S2 - 10' (H202010-05)

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	08/27/2012	ND	1.64	82.1	2.00	0.462		
Toluene*	<0.050	0.050	08/27/2012	ND	1.69	84.4	2.00	0.170		
Ethylbenzene*	<0.050	0.050	08/27/2012	ND	1.75	87.7	2.00	0.370		
Total Xylenes*	<0.150	0.150	08/27/2012	ND	5.65	94.2	6.00	0.713		

Surrogate 4-Bromofluorobenzene (PIL) 99.5 % 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	32.0	16.0	08/27/2012	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	08/27/2012	ND	213	107	200	3.48	
DRO >C10-C28	<10.0	10.0	08/27/2012	ND	218	109	200	5.40	

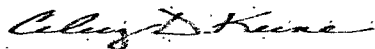
Surrogate 1-Chlorooctane 74.4 % 65 2-140

Surrogate 1-Chlorooctadecane 89 2 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Received: 08/22/2012
Reported: 08/28/2012
Project Name: CREEK AL #12
Project Number: 103-163
Project Location: NOT GIVEN

Sampling Date: 08/22/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S2 - 12' (H202010-06)

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	08/27/2012	ND	1.64	82.1	2.00	0.462		
Toluene*	<0.050	0.050	08/27/2012	ND	1.69	84.4	2.00	0.170		
Ethylbenzene*	<0.050	0.050	08/27/2012	ND	1.75	87.7	2.00	0.370		
Total Xylenes*	<0.150	0.150	08/27/2012	ND	5.65	94.2	6.00	0.713		

Surrogate: 4-Bromofluorobenzene (PIL) 97.4 % 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	<16.0	16.0	08/27/2012	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	08/27/2012	ND	213	107	200	3.48	
DRO >C10-C28	<10.0	10.0	08/27/2012	ND	218	109	200	5.40	

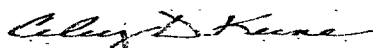
Surrogate: 1-Chlorooctane 85.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 98.6 % 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
 LUPE CARRASCO
 105 S 4th Street
 Artesia NM, 88210
 Fax To: (505) 748-4635

 Received: 08/22/2012
 Reported: 08/28/2012
 Project Name: CREEK AL #12
 Project Number: 103-163
 Project Location: NOT GIVEN

 Sampling Date: 08/22/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S2 - 14' (H202010-07)

BTX 8021B		mg/kg		Analyzed By: AP				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.23	0.500	08/27/2012	ND	1.64	82.1	2.00	0.462	
Toluene*	21.5	0.500	08/27/2012	ND	1.69	84.4	2.00	0.170	
Ethylbenzene*	49.1	0.500	08/27/2012	ND	1.75	87.7	2.00	0.370	
Total Xylenes*	35.3	1.50	08/27/2012	ND	5.65	94.2	6.00	0.713	

Surrogate 4-Bromofluorobenzene (PIL) 131 % 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	880	16.0	08/27/2012	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	1140	50.0	08/27/2012	ND	213	107	200	3.48	
DRO >C10-C28	3410	50.0	08/27/2012	ND	218	109	200	5.40	

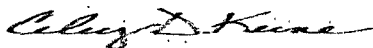
Surrogate 1-Chlorooctane 181 % 65.2-140

Surrogate 1-Chlorooctadecane 176 % 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: 08/22/2012
 Reported: 08/28/2012
 Project Name: CREEK AL #12
 Project Number: 103-163
 Project Location: NOT GIVEN

 Sampling Date: 08/22/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S2 - 16' (H202010-08)

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	08/27/2012	ND	1.64	82.1	2.00	0.462	
Toluene*	<0.050	0.050	08/27/2012	ND	1.69	84.4	2.00	0.170	
Ethylbenzene*	<0.050	0.050	08/27/2012	ND	1.75	87.7	2.00	0.370	
Total Xylenes*	<0.150	0.150	08/27/2012	ND	5.65	94.2	6.00	0.713	

Surrogate: 4-Bromofluorobenzene (PIE) 99.7 % 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	848	16.0	08/27/2012	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	08/27/2012	ND	213	107	200	3.48	
DRO >C10-C28	22.2	10.0	08/27/2012	ND	218	109	200	5.40	

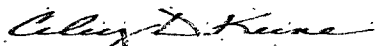
Surrogate: 1-Chlorooctane 90.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 107 % 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: 08/22/2012
 Reported: 08/28/2012
 Project Name: CREEK AL #12
 Project Number: 103-163
 Project Location: NOT GIVEN

 Sampling Date: 08/22/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S - PILE (H202010-09)

BTX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	6.21	0.200	08/27/2012	ND	1.64	82.1	2.00	0.462	
Toluene*	56.8	0.200	08/27/2012	ND	1.69	84.4	2.00	0.170	
Ethylbenzene*	125	0.200	08/27/2012	ND	1.75	87.7	2.00	0.370	
Total Xylenes*	70.5	0.600	08/27/2012	ND	5.65	94.2	6.00	0.713	

Surrogate: 4-Bromofluorobenzene (PIL) 196 % 89 4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	08/27/2012	ND	384	96.0	400	11.8	

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	4160	100	08/27/2012	ND	213	107	200	3.48	
DRO >C10-C28	12800	100	08/27/2012	ND	218	109	200	5.40	

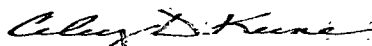
Surrogate 1-Chlorooctane 359 % 65 2-140

Surrogate 1-Chlorooctadecane 240 % 63 6-154

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Celey D. Keene, Lab Director/Quality Manager

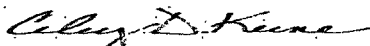
Notes and Definitions

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

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