

MARTIN YATES, III
1912-1985

FRANK W. YATES
1936-1986

S.P. YATES
1914-2008



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118

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JOHN A. YATES
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PRESIDENT

JOHN D. PERINI
EXECUTIVE V.P. OF MONETIZATION
CHIEF FINANCIAL OFFICER

JAMES S. BROWN
CHIEF OPERATING OFFICER

September 30, 2014

Mr. Mike Bratcher
NMOCD District II
811 S. First St.
Artesia, NM 88210

Re: Catclaw/Huisache Battery
30-015-26303
Section 2, T20S-R24E
Eddy County, New Mexico

Mr. Bratcher,

Yates Petroleum Corporation is submitting the enclosed work plan for the above captioned well. The plan is being submitted in response to the C-141 report dated June 27, 2014.

If there are no objections with the scope of work described in the plan, Yates will have a contractor begin work on or after the week of October 14, 2014.

If you have any questions, feel free to call me at (575) 748-4171

Thank you.

YATES PETROLEUM CORPORATION

Chase Settle
Environmental Regulatory Agent

Enclosure(s)

KATHY H. PORTER
SECRETARY

DENNIS G. KINSEY
TREASURER

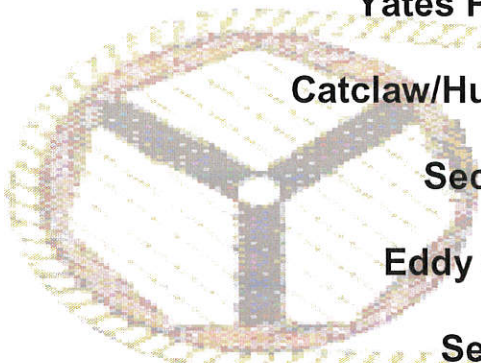
Yates Petroleum Corporation

Catclaw/Huisache Battery Work Plan

Section 2, T20S-R24E

Eddy County, New Mexico

September 30, 2014



I. Location

The battery is located 15 miles south of Artesia on US 285, west approximately 8 miles on Rock Daisy Road, then south on Sawbuck Road 0.75 of a mile, and approximately 0.15 of a mile east on the lease road.

II. Background

On June 27, 2014, Yates submitted to the NMOCD District II office a Form C-141 for the release of 10 B/PW with 7 B/PW recovered. The total affected area was approximately 150 feet by 90 feet outside the bermed battery, with an additional area of 178 feet by 50 within the bermed battery. Initial delineation samples were taken at the S1 and S2 sample points in the release area (7/11/2014) and sent to a NMOCD approved laboratory (7/21/2014, results enclosed). Based on analytical results (7/21/2014), Yates determined that further sampling was needed in the S1 release area. Additional delineation samples were taken from the S1 release area (7/25/2014) and sent to a NMOCD approved laboratory (8/06/2014, results enclosed).

III. Surface and Ground Water

Area surface geology is Paleozoic Permian. The ChevronTexaco Trend Map displays at this location (Section 2, T20S-R24E) that depth to groundwater is approximately 200 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:

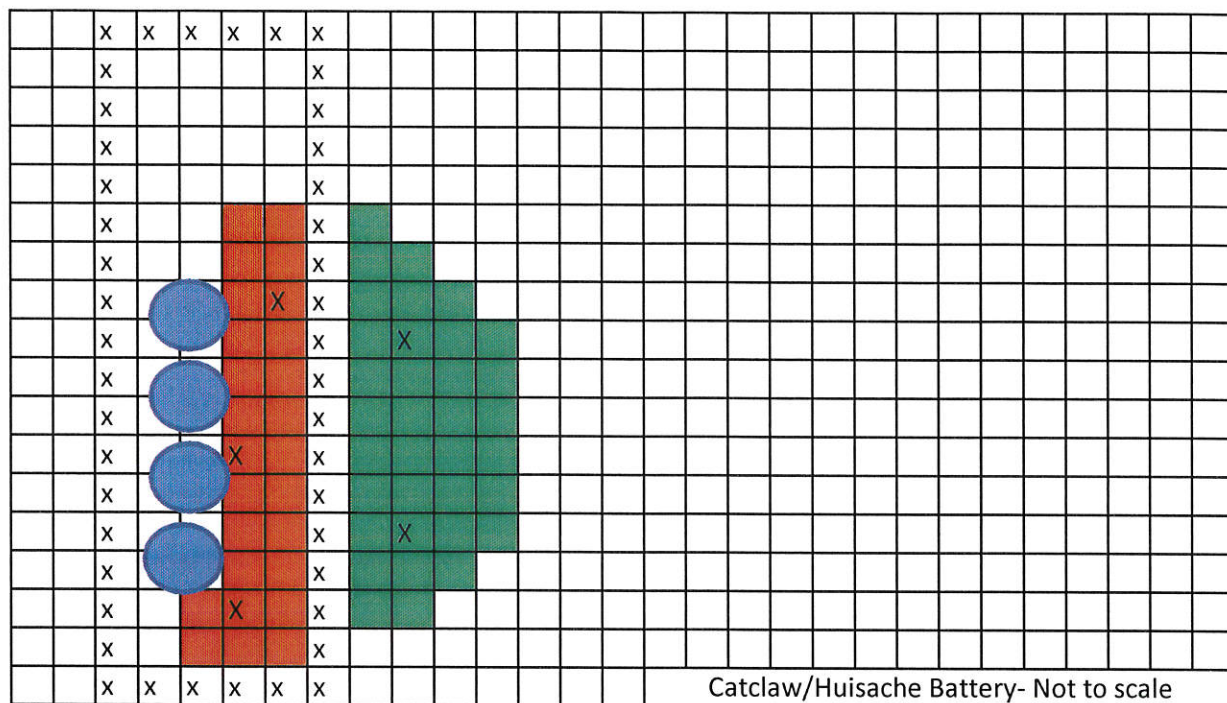
Depth to ground water	> 100'
Wellhead Protection Area	> 1000'
Distance to surface water body	> 1000'

IV. Soils

The area consists of soils that are caliche and loamy topsoil, which are interspersed with clay seams providing a low permeability barrier to retard vertical percolation of contaminants into the subsurface.

V. Scope of Work

Based on enclosed analytical results, the depth to groundwater (200'), and a decrease in chlorides, Yates Petroleum Corporation will excavate four (4) feet in the S1 release area and one (1) foot in the S2 release area. The S1 release area will then be backfilled with four (4) feet of caliche and the S2 release area will be backfilled with one (1) foot of topsoil allowing for repopulation of vegetation which will provide for protection from groundwater contamination. The TPH & BTEX are within the RRAL's for BTEX (50 ppm) and TPH (5000 ppm) for the Total Ranking Score of zero (0) in the release area, no further analytical testing of TPH and/or BTEX will be conducted (all chloride analytical results are for documentation). When remediation work is completed a C-141, Final Report will be submitted to the NMOCD requesting closure of the site.



Release area



S1 Sample point



S2 Sample point

H402129	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	Chlorides
S1-1'	Release Area	7/11/2014	Backhoe	1'	149	383	1430	4560
S1-2'	Release Area	7/11/2014	Backhoe	2'	37.9	95	355	7040
S1-3'	Release Area	7/11/2014	Backhoe	3'	11.7	248	1370	5200
S1-4'	Release Area	7/11/2014	Backhoe	4'	34.5	801	3630	1880
H402357	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	Chlorides
S2-1'	Release Area	7/11/2014	Backhoe	1'	<0.3	<10.0	<10.0	1960
S2-2'	Release Area	7/11/2014	Backhoe	2'	<0.3	<10.0	<10.0	240
S2-3'	Release Area	7/11/2014	Backhoe	3'	<0.3	<10.0	<10.0	288
S1-5'	Release Area	7/25/2014	Backhoe	5'	N/A	N/A	N/A	1390
S1-6'	Release Area	7/25/2014	Backhoe	6'	N/A	N/A	N/A	1550
S1-7'	Release Area	7/25/2014	Backhoe	7'	N/A	N/A	N/A	2000
S1-8'	Release Area	7/25/2014	Backhoe	8'	N/A	N/A	N/A	1310

Site Ranking is Zero (0). >100' (170', Section 11, T20S-R24E, Trend Map

All results are ppm. Chlorides for documentation

Released: 16 B/PW; Recovered: 11 B/PW Release Date: 06/16/2014

July 21, 2014

CHASE SETTLE

YATES PETROLEUM CORPORATION

105 S 4th Street

Artesia, NM 88210

RE: CATCLAW & HUISACHE BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 07/14/14 14:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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 PETROLEUM CORPORATION
CHASE SETTLE
105 S 4th Street
Artesia NM, 88210
Fax To: (505) 748-4635

Received:	07/14/2014	Sampling Date:	07/11/2014
Reported:	07/21/2014	Sampling Type:	Soil
Project Name:	CATCLAW & HUISACHE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S1-1' (H402129-01)

BTX 8021B		mg/kg	Analyzed By: ms					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	8.39	0.200	07/19/2014	ND	2.14	107	2.00	6.10	
Toluene*	52.2	0.200	07/19/2014	ND	2.00	100	2.00	6.61	
Ethylbenzene*	38.6	0.200	07/19/2014	ND	2.13	107	2.00	6.05	
Total Xylenes*	49.9	0.600	07/19/2014	ND	6.89	115	6.00	5.97	
Total BTX	149	1.20	07/19/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 143 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	07/18/2014	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	383	10.0	07/16/2014	ND	184	91.9	200	0.268	
DRO >C10-C28	1430	10.0	07/16/2014	ND	198	98.9	200	1.29	

Surrogate: 1-Chlorooctane 151 % 65.2-140

Surrogate: 1-Chlorooctadecane 146 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

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YATES PETROLEUM CORPORATION
CHASE SETTLE
105 S 4th Street
Artesia NM, 88210
Fax To: (505) 748-4635

Received:	07/14/2014	Sampling Date:	07/11/2014
Reported:	07/21/2014	Sampling Type:	Soil
Project Name:	CATCLAW & HUISACHE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S1-2' (H402129-02)

BTX 8021B		mg/kg		Analyzed By: ms				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.90	0.050	07/19/2014	ND	2.14	107	2.00	6.10	
Toluene*	13.8	0.050	07/19/2014	ND	2.00	100	2.00	6.61	
Ethylbenzene*	9.46	0.050	07/19/2014	ND	2.13	107	2.00	6.05	
Total Xylenes*	11.8	0.150	07/19/2014	ND	6.89	115	6.00	5.97	
Total BTX	37.9	0.300	07/19/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 139 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7040	16.0	07/18/2014	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	95.0	10.0	07/16/2014	ND	184	91.9	200	0.268	
DRO >C10-C28	355	10.0	07/16/2014	ND	198	98.9	200	1.29	

Surrogate: 1-Chlorooctane 128 % 65.2-140

Surrogate: 1-Chlorooctadecane 141 % 63.6-154

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

Received:	07/14/2014	Sampling Date:	07/11/2014
Reported:	07/21/2014	Sampling Type:	Soil
Project Name:	CATCLAW & HUISACHE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S1-3' (H402129-03)

BTEX 8021B		mg/kg		Analyzed By: ms				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.263	0.100	07/19/2014	ND	2.14	107	2.00	6.10	
Toluene*	0.614	0.100	07/19/2014	ND	2.00	100	2.00	6.61	
Ethylbenzene*	2.60	0.100	07/19/2014	ND	2.13	107	2.00	6.05	
Total Xylenes*	8.21	0.300	07/19/2014	ND	6.89	115	6.00	5.97	
Total BTEX	11.7	0.600	07/19/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 144 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	07/18/2014	ND	400	100	400	3.92	
TPH 8015M	mg/kg		Analyzed By: MS						

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	248	10.0	07/16/2014	ND	184	91.9	200	0.268	
DRO >C10-C28	1370	10.0	07/16/2014	ND	198	98.9	200	1.29	

Surrogate: 1-Chlorooctane 142 % 65.2-140

Surrogate: 1-Chlorooctadecane 143 % 63.6-154

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

Received:	07/14/2014	Sampling Date:	07/11/2014
Reported:	07/21/2014	Sampling Type:	Soil
Project Name:	CATCLAW & HUISACHE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S1-4' (H402129-04)

BTX 8021B		mg/kg		Analyzed By: ms				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.53	0.500	07/19/2014	ND	2.14	107	2.00	6.10	
Toluene*	1.85	0.500	07/19/2014	ND	2.00	100	2.00	6.61	
Ethylbenzene*	9.76	0.500	07/19/2014	ND	2.13	107	2.00	6.05	
Total Xylenes*	21.4	1.50	07/19/2014	ND	6.89	115	6.00	5.97	
Total BTX	34.5	3.00	07/19/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 134 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1880	16.0	07/18/2014	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	801	10.0	07/16/2014	ND	184	91.9	200	0.268	
DRO >C10-C28	3630	10.0	07/16/2014	ND	198	98.9	200	1.29	

Surrogate: 1-Chlorooctane 178 % 65.2-140

Surrogate: 1-Chlorooctadecane 172 % 63.6-154

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

Received:	07/14/2014	Sampling Date:	07/11/2014
Reported:	07/21/2014	Sampling Type:	Soil
Project Name:	CATCLAW & HUISACHE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S2-1' (H402129-05)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2014	ND	2.14	107	2.00	6.10	
Toluene*	<0.050	0.050	07/19/2014	ND	2.00	100	2.00	6.61	
Ethylbenzene*	<0.050	0.050	07/19/2014	ND	2.13	107	2.00	6.05	
Total Xylenes*	<0.150	0.150	07/19/2014	ND	6.89	115	6.00	5.97	
Total BTEX	<0.300	0.300	07/19/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIB) 110 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1960	16.0	07/18/2014	ND	400	100	400	3.92	

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	07/16/2014	ND	176	88.2	200	3.85	
DRO >C10-C28	<10.0	10.0	07/16/2014	ND	191	95.4	200	3.53	

Surrogate: 1-Chlorooctane 108 % 65.2-140

Surrogate: 1-Chlorooctadecane 113 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

YATES PETROLEUM CORPORATION
CHASE SETTLE
105 S 4th Street
Artesia NM, 88210
Fax To: (505) 748-4635

Received:	07/14/2014	Sampling Date:	07/11/2014
Reported:	07/21/2014	Sampling Type:	Soil
Project Name:	CATCLAW & HUISACHE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S2-2' (H402129-06)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2014	ND	2.14	107	2.00	6.10	
Toluene*	<0.050	0.050	07/19/2014	ND	2.00	100	2.00	6.61	
Ethylbenzene*	<0.050	0.050	07/19/2014	ND	2.13	107	2.00	6.05	
Total Xylenes*	<0.150	0.150	07/19/2014	ND	6.89	115	6.00	5.97	
Total BTEX	<0.300	0.300	07/19/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 111 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/18/2014	ND	400	100	400	3.92	

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	07/16/2014	ND	176	88.2	200	3.85	
DRO >C10-C28	<10.0	10.0	07/16/2014	ND	191	95.4	200	3.53	

Surrogate: 1-Chlorooctane 108 % 65.2-140

Surrogate: 1-Chlorooctadecane 115 % 63.6-154

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Celest D. Keene, Lab Director/Quality Manager

Analytical Results For:

YATES PETROLEUM CORPORATION
CHASE SETTLE
105 S 4th Street
Artesia NM, 88210
Fax To: (505) 748-4635

Received:	07/14/2014	Sampling Date:	07/11/2014
Reported:	07/21/2014	Sampling Type:	Soil
Project Name:	CATCLAW & HUISACHE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S2-3' (H402129-07)

BTEX 8021B		mg/kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/19/2014	ND	2.14	107	2.00	6.10	
Toluene*	<0.050	0.050	07/19/2014	ND	2.00	100	2.00	6.61	
Ethylbenzene*	<0.050	0.050	07/19/2014	ND	2.13	107	2.00	6.05	
Total Xylenes*	<0.150	0.150	07/19/2014	ND	6.89	115	6.00	5.97	
Total BTEX	<0.300	0.300	07/19/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 111 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	07/18/2014	ND	400	100	400	3.92	

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	07/16/2014	ND	176	88.2	200	3.85	
DRO >C10-C28	<10.0	10.0	07/16/2014	ND	191	95.4	200	3.53	

Surrogate: 1-Chlorooctane 104 % 65.2-140

Surrogate: 1-Chlorooctadecane 112 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- 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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Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Chase Settle

Company Address: 105 South 4th Street

City/State/Zip: Artesia, NM 88210

Telephone No: 575-748-4171

Sample Signature:

Fax No: 575-748-4131
e-mail: csettle@yatespetroleum.com

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Project Name: **Calclaw & Huisache Battery**

Project #:

Project Loc: **Calclaw & Huisache Battery**

PO #: 205750

ORDER #: **H4020229**

LAB # (lab use only)		FIELD CODE	
Beginning Depth		Ending Depth	
Date Sampled		Time Sampled	
Field Filtered		Total #. of Containers	
Ice		HNO ₃	
HCl		H ₂ SO ₄	
NaOH		Na ₂ S ₂ O ₃	
None		Other (Specify)	
DW=Drinking Water SL=Sludge		GW = Groundwater S=Soil/Solid	
NP=Non-Potable Specify Other		TPH: 418.1 8015M 8015B	
TPH: TX 1005 TX 1006		Cations (Ca, Mg, Na, K)	
Anions (Cl, SO ₄ , Alkalinity)		SAR / ESP / CEC	
Metals: As Ag Ba Cd Cr Pb Hg		Volatiles	
Semivolatiles		BTEX 8021B/5030 or BTEX 8260	
RCI		N.O.R.M.	
Chlorides		SAR	
RUSH TAT (Pre-Schedule) 24, 48, 72 hrs		Standard TAT	

Special Instructions:

Relinquished by:

Date

Time

Received by:

Date

Time

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on container(s)

Custody seals on container(s)

Sample Hand Delivered

by Counter? UPS DHL FedEx Lone Star

Temperature Upon Receipt: 2.2°C

August 06, 2014

CHASE SETTLE

YATES PETROLEUM CORPORATION

105 S 4th Street

Artesia, NM 88210

RE: CATCLAW & HUISACHE BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 07/30/14 15:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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 PETROLEUM CORPORATION
CHASE SETTLE
105 S 4th Street
Artesia NM, 88210
Fax To: (505) 748-4635

Received:	07/30/2014	Sampling Date:	07/25/2014
Reported:	08/06/2014	Sampling Type:	Soil
Project Name:	CATCLAW & HUISACHE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	NOT GIVEN		

Sample ID: S1 - 5' (H402357-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	08/05/2014	ND	400	100	400	0.00	

Sample ID: S1 - 6' (H402357-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1550	16.0	08/05/2014	ND	400	100	400	0.00	

Sample ID: S1 - 7' (H402357-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	08/05/2014	ND	400	100	400	0.00	

Sample ID: S1 - 8' (H402357-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1310	16.0	08/05/2014	ND	400	100	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

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