

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  
[www.yatespetroleum.com](http://www.yatespetroleum.com)

JOHN A. YATES  
CHAIRMAN EMERITUS

JOHN A. YATES JR.  
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JOHN D. PERINI  
EXECUTIVE VICE PRESIDENT  
CHIEF FINANCIAL OFFICER

JAMES S. BROWN  
CHIEF OPERATING OFFICER

March 24, 2015

Mr. Mike Bratcher  
NMOCD District II  
811 South First Street  
Artesia, NM 88210

Re: Cutter APC #2H  
30-015-41786  
Section 21, T19S-R25E  
Eddy County, New Mexico

Dear Mr. Bratcher:

Yates Petroleum Corporation would like to submit the following plan of work to you regarding the release that occurred at the above mentioned facility on 11/21/2014 (2RP-2634).

On 3/9/2015 Yates sampled the release area (approximately 10' x 10'). Analytical results show an elevated level of TPH on the surface of the release area, but then show TPH levels to be under the RRAL's at 1' below the surface level. BTEX levels were below RRAL's and chlorides were found to be within acceptable levels (less than 1,000 ppm).

Yates proposes to scrape approximately 3" from the surface of the release area and haul the contaminated soils to a NMOCD approved facility. Once this has been completed a Final C-141 will be submitted to your office.

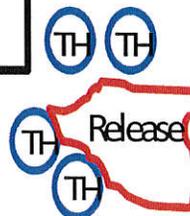
If you have any questions or concerns, I can be reached at (575) 748-4111 or by email at [acannon@yatespetroleum.com](mailto:acannon@yatespetroleum.com).

Thank You,

Amber Cannon  
Environmental Regulatory Agent  
Yates Petroleum Corporation



HOOPER AWP  
BATTERY



Access Road

Cutter APC#2H  
Well Pad



Cutter APC #2H  
30-015-41786  
Section 21, T19S-R25E  
Eddy County, NM

Prepared by Amber Cannon  
Environmental Regulatory Agent

\*Drawing not to Scale\*

# Cutter APC #2H

## Cardinal Laboratories

	Sample Area	Sample Date	Analytical Report	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
Surface	Release Area	3/9/2015	H500693	Grab/Hand Auger	Surface	ND	ND	16,400	16,400	560
1'	Release Area	3/9/2015	H500693	Grab/Hand Auger	1'	ND	ND	60.5	60.5	96

**Site Ranking is Ten (10).** Depth to Ground Water 50-99' (approx. 50-75', per ChevronTexaco Trend Map).

All results are ppm.Chlorides for documentation.

Released: 20 B/PW; Recovered: 18 B/PW. Release Date: 11/21/2014. 2RP-2634

March 18, 2015

AMBER CANNON  
YATES PETROLEUM CORPORATION  
105 S 4th Street  
Artesia, NM 88210

RE: CUTTER APC #2H

Enclosed are the results of analyses for samples received by the laboratory on 03/13/15 11:25.

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](http://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  
 AMBER CANNON  
 105 S 4th Street  
 Artesia NM, 88210  
 Fax To: (505) 748-4635

 Received: 03/13/2015  
 Reported: 03/18/2015  
 Project Name: CUTTER APC #2H  
 Project Number: 2RP-2634  
 Project Location: EDDY COUNTY, NM

 Sampling Date: 03/09/2015  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Celey D. Keene

**Sample ID: SURFACE (H500693-01)**

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	03/17/2015	ND	2.11	105	2.00	4.32		
<b>Toluene*</b>	<b>0.054</b>	0.050	03/17/2015	ND	1.93	96.6	2.00	3.26		
Ethylbenzene*	<0.050	0.050	03/17/2015	ND	1.85	92.6	2.00	5.80		
Total Xylenes*	<0.150	0.150	03/17/2015	ND	5.51	91.9	6.00	7.24		
Total BTEX	<0.300	0.300	03/17/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 106 % 61-154

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	<50.0	50.0	03/16/2015	ND	177	88.5	200	1.87			
<b>DRO &gt;C10-C28</b>	<b>16400</b>	50.0	03/16/2015	ND	185	92.5	200	4.47			

Surrogate: 1-Chlorooctane 93.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 441 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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 Project Location: EDDY COUNTY, NM

 Sampling Date: 03/09/2015  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Celey D. Keene

**Sample ID: 1' (H500693-02)**

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	03/17/2015	ND	2.11	105	2.00	4.32		
Toluene*	<0.050	0.050	03/17/2015	ND	1.93	96.6	2.00	3.26		
Ethylbenzene*	<0.050	0.050	03/17/2015	ND	1.85	92.6	2.00	5.80		
Total Xylenes*	<0.150	0.150	03/17/2015	ND	5.51	91.9	6.00	7.24		
Total BTEX	<0.300	0.300	03/17/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 103 % 61-154

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	03/16/2015	ND	177	88.5	200	1.87		
<b>DRO &gt;C10-C28</b>	<b>60.5</b>	10.0	03/16/2015	ND	185	92.5	200	4.47		

Surrogate: 1-Chlorooctane 91.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 95.8 % 52.1-176

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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.
- 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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March 18, 2015

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 Sampling Condition: Cool & Intact  
 Sample Received By: Celey D. Keene

**Sample ID: SURFACE (H500693-01)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	03/16/2015	ND	400	100	400	3.92		

**Sample ID: 1' (H500693-02)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/16/2015	ND	400	100	400	3.92		

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