MARTIN YATES, III 1912-1985 FRANK W. YATES 1936-1986

S.P YATES



105 SOUTH FOURTH STREET

#### ARTESIA, NEW MEXICO 88210-2118

TELEPHONE (575) 748-1471

www.yatespetroleum.com

JOHN A. YATES

JOHN A. YATES JR.
CHAIRMAN OF THE BOARD

JOHN D. PERINI
EXECUTIVE VICE PRESIDENT
CHIEF FINANCIAL OFFICER

JAMES S. BROWN

May 14, 2013

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

RE:

Torpedo BOW State Com #1H

30-015-37495

Section 11, T25S-R27E 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 3/4/13.

The impacted area was caused by a loose hammer union on a flow line near the well head which filled the cellar with fluid and the overspray impacted the southside of the caliche pad and the pasture to the south of the location. A vacuum truck was dispatched to recover the standing fluid and a backhoe was used to scrape the location and haul the impacted material to an NMOCD approved disposal site. The impacted area was treated with Microblaze to remediate the impaction. The attached documents include analytical sample results and a drawing of the impacted area along with approximate sample points and results summary table. The area was sampled at the surface and at 1 foot.

If there are no objections, Yates Petroleum Corporation will submit a C-141 Final for closure of the site. Please feel free to contact me with any questions (575) 748-4350.

Thank You,

Lupe Carrasco

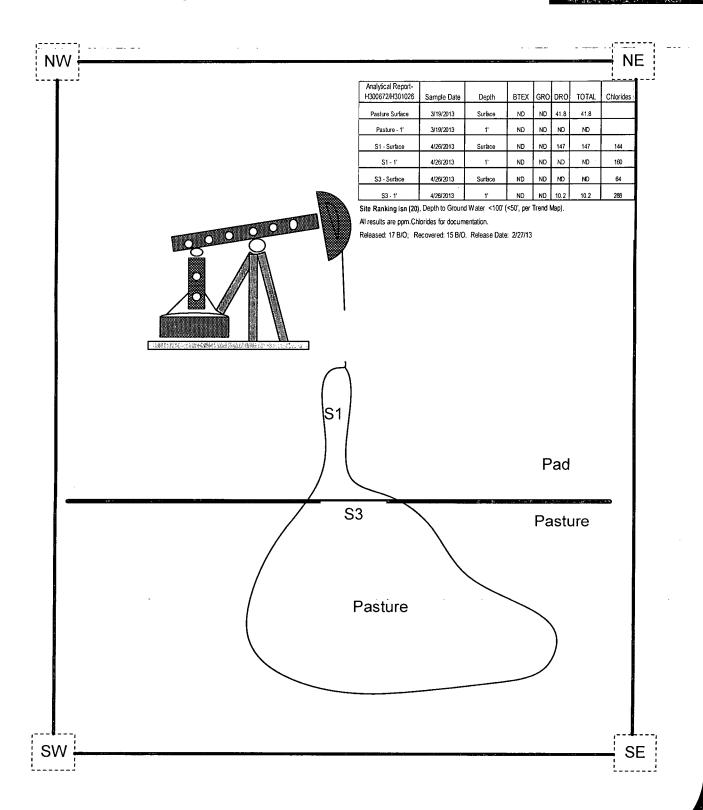
Environmental Regulatory Agent

Yates Petroleum Corporation

# YATES PETROLEUM CORPORATION

Monday, May 13, 2013

Torpedo "BOW" State Com #1H



# Torpedo "BOW" State Com #1H

Analytical Report- H300672/H301026	Sample Date	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
Pasture Surface	3/19/2013	Surface	ND	ND	41.8	41.8	
Pasture - 1'	3/19/2013	1'	ND	ND	ND	ND	
S1 - Surface	4/26/2013	Surface	ND	ND	147	147	144
S1 - 1'	4/26/2013	1'	ND	ND	ND	ND	160
S3 - Surface	4/26/2013	Surface	ND	ND	ND	ND	64
S3 - 1'	4/26/2013	1'	ND	ND	10.2	10.2	288

Site Ranking isn (20). Depth to Ground Water <100' (<50', per Trend Map).

All results are ppm.Chlorides for documentation.

Released: 17 B/O; Recovered: 15 B/O. Release Date: 2/27/13



May 08, 2013

LUPE CARRASCO
Yates Energy Petroleum Corp
105 S 4th Street

Artesia, NM 88210

RE: TORPEDO "BOW" ST. COM #1H

Enclosed are the results of analyses for samples received by the laboratory on 03/20/13 10:30.

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 <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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:

03/20/2013

Sampling Date:

03/19/2013

Reported:

05/08/2013

Sampling Type:

Soil

Project Name:

TORPEDO "BOW" ST. COM #1H

Sampling Condition:

Cool & Intact

Project Number:

Project Location:

NONE GIVEN NOT GIVEN

Sample Received By:

Jodi Henson

### Sample ID: PASTURE-SURFACE (H300672-02)

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	03/27/2013	ND	1.81	90.3	2.00	23.9	
Toluene*	0.104	0.050	03/27/2013	ND	1.79	89.7	2.00	24.1	
Ethylbenzene*	<0.050	0.050	03/27/2013	ND	1.83	91.7	2.00	24.6	
Total Xylenes*	<0.150	0.150	03/27/2013	ND	5.31	88.5	6.00	24.4	
Total BTEX	<0.300 0.300 03/27/2013								
Surrogate: 4-Bromofluorobenzene (PIL	104	% 89.4-12	6						
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		03/22/2013	ND	211	106	200	9.03	
DRO >C10-C28	41.8	10.0	03/22/2013	ND	202	101	200	9.86	
Surrogate: 1-Chlorooctane	81.3	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	101	% 63.6-15	4						

Cardinal Laboratories \*=Accredited Analyte

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Celeg & Kreene



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

Received: Reported:

BTEX 8021B

03/20/2013

05/08/2013

TORPEDO "BOW" ST. COM #1H

Project Name: Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

Sampling Type:

03/19/2013

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: PASTURE-1' (H300672-03)

TPH 8015M	0 103 % 89.4-126 mg/kg			d By: MS					
Surrogate: 4-Bromofluorobenzene (PIL	103 %	80 4-12	6						
Total BTEX	<0.300	0.300	03/26/2013	ND					
Total Xylenes*	<0.150	0.150	03/26/2013	ND	5.31	88.5	6.00	24.4	
Ethylbenzene*	<0.050	0.050	03/26/2013	ND	1.83	91.7	2.00	24.6	
Toluene*	<0.050	0.050	03/26/2013	ND	1.79	89.7	2.00	24.1	
Benzene*	<0.050	0.050	03/26/2013	ND	1.81	90.3	2.00	23.9	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Analyzed By: AP

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	03/22/2013	ND	211	106	200	9.03	
DRO >C10-C28	<10.0	10.0	03/22/2013	ND	202	101	200	9.86	

81.0% 65.2-140 Surrogate: 1-Chlorooctane 102 % Surrogate: 1-Chlorooctadecane

63.6-154

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine Celey D. Keene, Lab Director/Quality Manager



#### **Notes and Definitions**

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 SM4500CI-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

Cardinal Laboratories \*=Accredited Analyte

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Celey & Keene



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LAB#(lab.use.only)	FIE	LD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	lce	HNO <sub>3</sub>	HCI H,SO <sub>2</sub>	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	None Other (Specify)	DW=Drinking Water SL≍Sludge	GW = Groundwater S=Soll/Solid NP=Non-Potable Specify Othe	TPH: 418.1 8015M	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (CI, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Of Pb Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	<b>k</b> cı	N.O.R.M.	Chlorides	DAR	RUSH TAT (Pre-Schedule) 2	standard TAT
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May 06, 2013

LUPE CARRASCO

Yates Energy Petroleum Corp

105 S 4th Street

Artesia, NM 88210

RE: TORPEDO #1H

Enclosed are the results of analyses for samples received by the laboratory on 05/01/13 10:00.

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 <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> accred 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 & 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: Reported: 05/01/2013

05/06/2013

Project Name:

TORPEDO #1H

Project Number: Project Location:

103-163

NOT GIVEN

111 %

63.6-154

Sampling Date:

04/26/2013

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

#### Sample ID: S1 - SURFACE (H301026-01)

97	kg	Analyze	d By: AP					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	05/03/2013	ND	1.75	87.7	2.00	15.9	
<0.050	0.050	05/03/2013	ND	1.65	82.6	2.00	14.7	
<0.050	0.050	05/03/2013	ND	1.73	86.5	2.00	16.9	
<0.150	0.150	05/03/2013	ND	5.15	85.8	6.00	17.6	
<0.300	0.300	05/03/2013	ND					
104 %	6 89.4-12	6						
mg/l	kg	Analyze	d By: DW					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
144	16.0	05/03/2013	ND	416	104	400	0.00	
mg/i	kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	05/03/2013	ND	206	103	200	0.102	
147	10.0	05/03/2013	ND	192	95.9	200	3.26	
-	<0.050 <0.050 <0.050 <0.150 <0.300  104 % mg/l  Result 144 mg/l  Result <10.0	<0.050 0.050 <0.050 0.050 <0.050 0.050 <0.150 0.150 <0.300 0.300  104 % 89.4-12 mg/kg  Result Reporting Limit 144 16.0 mg/kg  Result Reporting Limit <10.0 10.0	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

#### Cardinal Laboratories

Surrogate: I-Chlorooctadecane

\*=Accredited Analyte

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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: Reported: 05/01/2013

05/06/2013

Project Name:

TORPEDO #1H

Project Number: Project Location: 103-163

NOT GIVEN

Sampling Date:

04/26/2013

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

### Sample ID: S1 - 1' (H301026-02)

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	05/03/2013	ND	1.75	87.7	2.00	15.9	
Toluene*	<0.050	0.050	05/03/2013	ND	1.65	82.6	2.00	14.7	
Ethylbenzene*	<0.050	0.050	05/03/2013	ND	1.73	86.5	2.00	16.9	
Total Xylenes*	<0.150	0.150	05/03/2013	ND	5.15	85.8	6.00	17.6	
Total BTEX	<0.300	0.300	05/03/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	105 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/03/2013	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	05/04/2013	ND	206	103	200	0.102	
DRO >C10-C28	<10.0	10.0	05/04/2013	ND	192	95.9	200	3.26	
Surrogate: 1-Chlorooctane	112 %	6 65.2-14	0						
Surrogate: 1-Chlorooctadecane	116%	63.6-15	4						

#### Cardinal Laboratories

\*=Accredited Analyte

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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:

05/01/2013

Sampling Date:

04/26/2013

Reported:

05/06/2013

Sampling Type:

Soil

Project Name:

TORPEDO #1H

Sampling Condition:

Cool & Intact

Project Number:

103-163

Project Location:

**NOT GIVEN** 

Sample Received By:

Jodi Henson

#### Sample ID: S3 - SURFACE (H301026-03)

BTEX 8021B	mg/	kg	Analyze	ed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2013	ND	1.75	87.7	2.00	15.9	
Toluene*	< 0.050	0.050	05/03/2013	ND	1.65	82.6	2.00	14.7	
Ethylbenzene*	<0.050	0.050	05/03/2013	ND	1.73	86.5	2.00	16.9	
Total Xylenes*	<0.150	0.150	05/03/2013	ND	5.15	85.8	6.00	17.6	
Total BTEX	<0.300	0.300	05/03/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104 %	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<b>64.0</b> 16.0		05/03/2013	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	05/04/2013	ND	206	103	200	0.102	
DRO >C10-C28	<10.0	10.0	05/04/2013	ND	192	95.9	200	3.26	
Surrogate: 1-Chlorooctane	91.8 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	93.1 9	63.6-15	4						

#### Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene



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

Fax To:

(505) 748-4635

Received:

05/01/2013

Sampling Date:

04/26/2013

Reported:

05/06/2013

Sampling Type:

Soil

Project Name:

TORPEDO #1H

Sampling Condition:

Cool & Intact

Project Number:

103-163

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: S3 - 1' (H301026-04)

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	05/03/2013	ND	1.75	87.7	2.00	15.9	
Toluene*	< 0.050	0.050	05/03/2013	ND	1.65	82.6	2.00	14.7	
Ethylbenzene*	<0.050	0.050	05/03/2013	ND	1.73	86.5	2.00	16.9	
Total Xylenes*	<0.150	0.150	05/03/2013	ND	5.15	85.8	6.00	17.6	
Total BTEX	<0.300	0.300	05/03/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 %	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	05/03/2013	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	05/04/2013	ND	206	103	200	0.102	
DRO >C10-C28	10.2	10.0	05/04/2013	ND	192	95.9	200	3.26	

Surrogate: 1-Chlorooctadecane

105 %

63.6-154

Cardinal Laboratories \*=Accredited Analyte

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Celey & Keine



#### **Notes and Definitions**

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  $6^{\circ}\text{C}$ 

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories \*=Accredited Analyte

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Celeg & Keena



# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 8824

# CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476	
	3.

	Project Manager:	Lupe Carrasco		*:.		(000) 000-2020		240	<u>.</u>									Proj	ect l	Nam	e:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			То	rpec	lo#	1H			Page	(Market)
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	City/State/Zip:	Artesia, NM 8	8210						<u> </u>							·				PO	#: <u>10</u>	3-16	3									
	Telephone No:	575-748-4350					Fax No:		<u> </u>								Re	port	For	nat:	X	Sta	anda	rd	[	Дτ	RRP	,		NPD	ES	
	Sampler Signature:		1 C		ra-	aca _	e-mail:		<u>lca</u>	rra	sco	@	yat	esp	etro	olet	ım.c	om														
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LAB# (lab use only)		_D CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #, of Containers	lce	HNO	HCI	H <sub>2</sub> SO <sub>4</sub>	NaOH Na.S.O.	None	Other (Specify)	DW=Drinking Water SL=Sludge	UN = Groundwater S=Soli/Solid  NP=Non-Potable Specify Other	TPH: 418.1 8015M 80	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	A C N	Chlorides	SAR		RUSH TAT (Pre-Schedule) 24,	Standard TA1
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