



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

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March 25, 2014

ROBERT ASHER

YATES PETROLEUM CORPORATION

105 S 4th Street

Artesia, NM 88210

RE: FOSTER AN BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/18/14 11:45.

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

 Received: 03/18/2014  
 Reported: 03/25/2014  
 Project Name: FOSTER AN BATTERY  
 Project Number: 30-015-26454  
 Project Location: EDDY COUNTY NM

 Sampling Date: 03/12/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: C01.0 (H400819-01)**

BTX 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	03/21/2014	ND	2.07	104	2.00	12.1	
Toluene*	<0.050	0.050	03/21/2014	ND	1.99	99.3	2.00	11.8	
Ethylbenzene*	<0.050	0.050	03/21/2014	ND	1.94	96.8	2.00	11.8	
Total Xylenes*	<0.150	0.150	03/21/2014	ND	5.63	93.8	6.00	11.2	
Total BTX	<0.300	0.300	03/21/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 105 % 89.4-126

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	03/21/2014	ND	213	107	200	6.19	
DRO >C10-C28	<10.0	10.0	03/21/2014	ND	208	104	200	6.02	


Surrogate: 1-Chlorooctane 78.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 86.5 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

 Received: 03/18/2014  
 Reported: 03/25/2014  
 Project Name: FOSTER AN BATTERY  
 Project Number: 30-015-26454  
 Project Location: EDDY COUNTY NM

 Sampling Date: 03/12/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: C02.0 (H400819-02)**

BTX 80218		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/21/2014	ND	2.07	104	2.00	12.1		
Toluene*	<0.050	0.050	03/21/2014	ND	1.99	99.3	2.00	11.8		
Ethylbenzene*	<0.050	0.050	03/21/2014	ND	1.94	96.8	2.00	11.8		
Total Xylenes*	<0.150	0.150	03/21/2014	ND	5.63	93.8	6.00	11.2		
Total BTX	<0.300	0.300	03/21/2014	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 104 % 89.4-126

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	03/21/2014	ND	213	107	200	6.19			
DRO >C10-C28	<10.0	10.0	03/21/2014	ND	208	104	200	6.02			

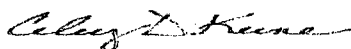
Surrogate: 1-Chlorooctane 84.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 84.4 % 63.6-154

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

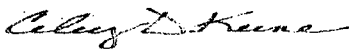
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received 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

Page 5 of 5

Project Manager: Robert Asher

**Project Name: Foster AN Battery**

Comp: (505) 393-2326 Yates Petroleum Corporation

Project #: 30-015-26454

Company Address: 105 South 4th Street

Project Loc: Eddy County

City/State/Zip:       Artesia, NM 88210

PO #: 205632 (NEW PO NUMBER)

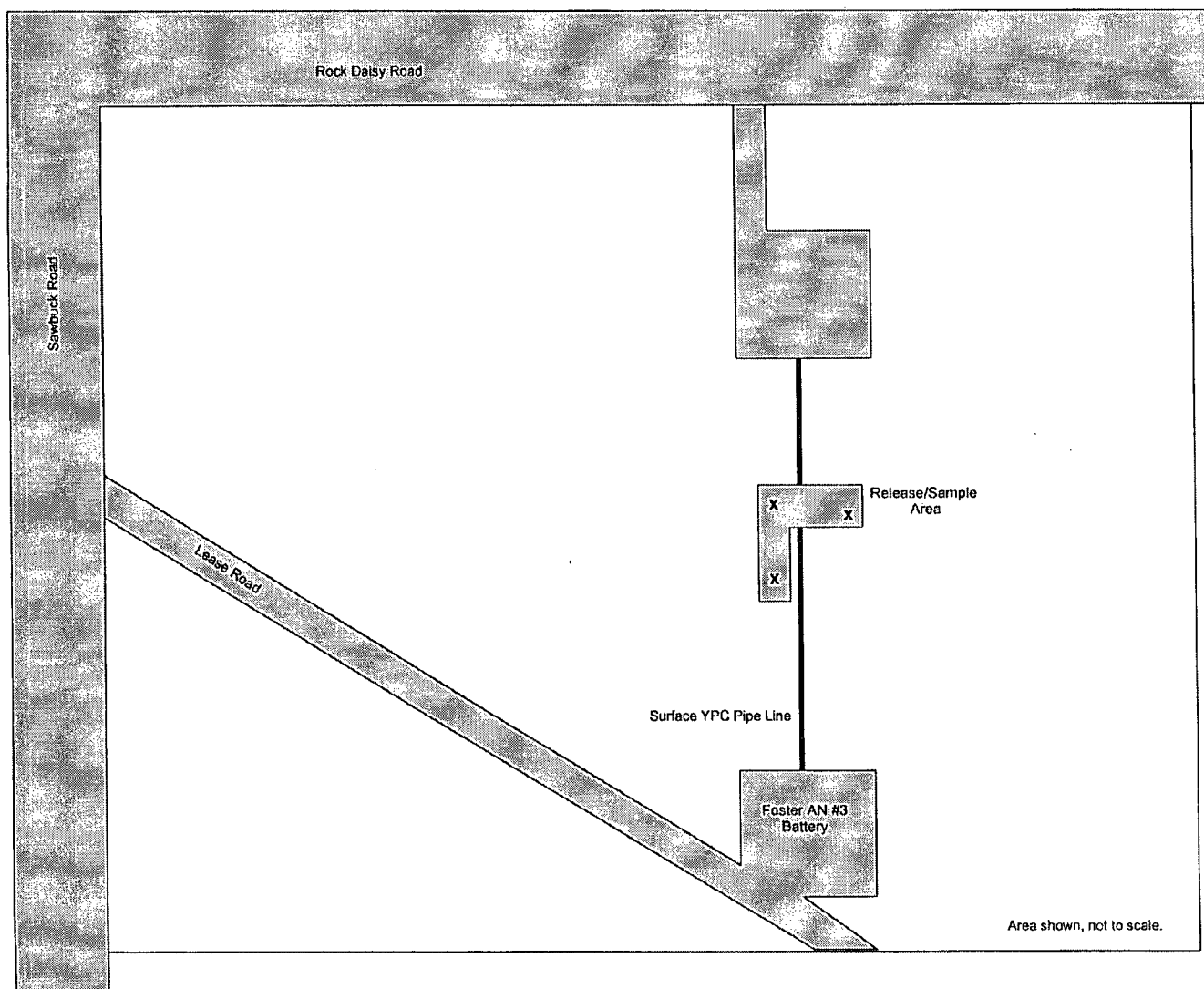
Telephone No: 575-748-4217 Fax No:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

Sampler Signature:  e-mail: [boba@yatespetroleum.com](mailto:boba@yatespetroleum.com)

e-mail: [boba@yatespetroleum.com](mailto:boba@yatespetroleum.com)

LAB # (lab use only)										FIELD CODE										Beginning Depth		Ending Depth		Date Sampled		Time Sampled		Field Filtered		Total # of Containers		Preservation & # of Containers										Matrix		Analyze For:										TCLP:		TOTAL:		RUSH TAT (Pre-Schedule) 24, 48, 72 hrs		Standard TAT	
LAB # (lab use only)										FIELD CODE										Beginning Depth		Ending Depth		Date Sampled		Time Sampled		Field Filtered		Total # of Containers		Preservation & # of Containers										Matrix		Analyze For:										TCLP:		TOTAL:		RUSH TAT (Pre-Schedule) 24, 48, 72 hrs		Standard TAT	
1										c01.0										1'		1'		3/12/2014		12:25 PM		1		X												S																			
2										c02.0										2'		2'		3/12/2014		12:45 PM		1		X												S																			



Analytical Report-400819 (Cardinal)	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL
NA	Release Area	NA	NA, soils excavated	1'	NA	NA	NA	NA
NA	Release Area	NA	NA, soils excavated	2'	NA	NA	NA	NA
c01:0	Release Area	3/12/2014	Comp/Auger	3'	<0.30	<10.0	<10.0	<10.0
c02:0	Release Area	3/12/2014	Comp/Auger	4'	<0.30	<10.0	<10.0	<10.0

Site Ranking is Zero (0). Depth to Ground Water >100' (approx.175', per Trend Map).

All results are ppm. X - Sample Points. Released: 25 B/O; Recovered: 22 B/O (1/7/2014)

No samples taken, impacted soils excavated/hailed.



Foster AN #3 Battery

30-015-26914

Section 1, T20S-R24E

Eddy County, NM

SAMPLE DIAGRAM (Not to Scale)

Prepared by Robert Asher  
Environmental Regulatory Division

## **Patterson, Heather, EMNRD**

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**From:** Bob Asher <BobA@yatespetroleum.com>  
**Sent:** Friday, April 25, 2014 3:48 PM  
**To:** Patterson, Heather, EMNRD  
**Cc:** Bratcher, Mike, EMNRD  
**Subject:** Form C-141, Final Report (2RP-2184, Foster AN #3 Battery)  
**Attachments:** Foster PL.pdf

Heather,

Based on enclosed analytical results showing BTEX <0.30 and TPH <10.0, Yates Petroleum Corporation is requesting closure but is also requesting permission to backfill current excavation.

Please contact me if you have questions.

Thank you.

**Robert Asher**  
**NM Environmental Regulatory Supervisor**  
**Yates Petroleum Corporation**  
105 S. 4<sup>th</sup> Street  
Artesia, NM 88210  
575-748-4217 (Office)  
575-365-4021 (Cell)

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**Patterson, Heather, EMNRD**

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**To:** Bob Asher  
**Cc:** Bratcher, Mike, EMNRD  
**Subject:** RE: Form C-141, Final Report (2RP-2184, Foster AN #3 Battery)

Bob,

Based on the analytical data you sent this closure is approved, permission is also granted to backfill this site.

Thank you,

Heather Patterson  
Environmental Specialist  
NMOCD District II  
(575)748-1283 ext.101

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**From:** Bob Asher [<mailto:BobA@yatespetroleum.com>]  
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**NM Environmental Regulatory Supervisor**  
**Yates Petroleum Corporation**  
105 S. 4<sup>th</sup> Street  
Artesia, NM 88210  
575-748-4217 (Office)  
575-365-4021 (Cell)

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