



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

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.

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,

A handwritten signature in cursive script that reads "Celey D. Keene".

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	Sampling Date:	03/12/2014
Reported:	03/25/2014	Sampling Type:	Soil
Project Name:	FOSTER AN BATTERY	Sampling Condition:	Cool & Intact
Project Number:	30-015-26454	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY NM		

Sample ID: C01.0 (H400819-01)

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	03/21/2014	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 BTEX	<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	Sampling Date:	03/12/2014
Reported:	03/25/2014	Sampling Type:	Soil
Project Name:	FOSTER AN BATTERY	Sampling Condition:	Cool & Intact
Project Number:	30-015-26454	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY NM		

Sample ID: C02.0 (H400819-02)

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	03/21/2014	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 BTEX	<0.300	0.300	03/21/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 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	

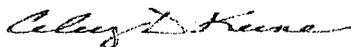
Surrogate: 1-Chlorooctane 84.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 84.4 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

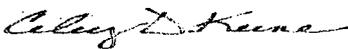
Notes and Definitions

- 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

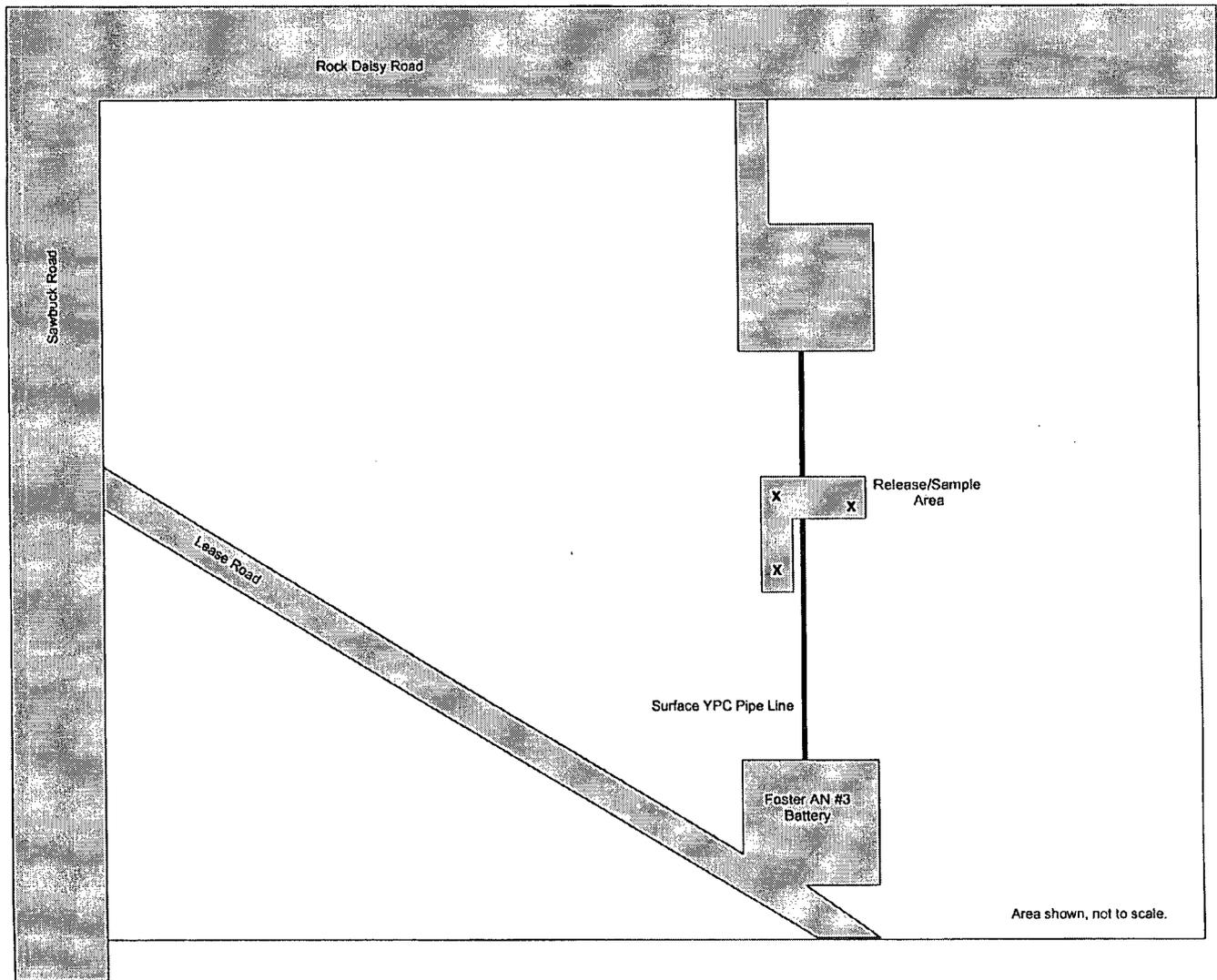
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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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. 4th Street
Artesia, NM 88210
575-748-4217 (Office)
575-365-4021 (Cell)

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Patterson, Heather, EMNRD

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

From: Bob Asher [<mailto: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)

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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
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