

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

HOBBS OCD

Form C-141
Revised October 10, 2003

DEC 21 2011 Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

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Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company Yates Petroleum Corporation	OGRID Number 25575	Contact Jeremy Haass
Address 104 S. 4 TH Street		Telephone No. 575-748-1471
Facility Name Messina 'BHN' Com #1	API Number 30-025-37468	Facility Type Gas Well

Surface Owner Fee	Mineral Owner Fee	Lease No. N/A
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LOCATION OF RELEASE

Unit Letter I	Section 6	Township 13S	Range 35E	Feet from the 1980	North/South Line South	Feet from the 990	East/West Line East	County Lea
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Latitude 33.21876 Longitude 103.44116

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 15 B/PW	Volume Recovered 11 B/PW
Source of Release Water Tank	Date and Hour of Occurrence 12/6/2011 PM	Date and Hour of Discovery 12/6/2011 PM
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? N/A	
By Whom? N/A	Date and Hour N/A	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	

If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*
Split in tank by the man way. Well shut in, called vacuum truck, removed tank, and scraped spill site.

Describe Area Affected and Cleanup Action Taken.*
An approximate area of 75' X 30', all in tank battery. Vacuum truck called to pick up remaining produced water; impacted soils were scraped up and taken to an NMOCD approved facility. Vertical and horizontal delineation samples will be taken and analysis ran for TPH & BTEX. If initial analytical results for TPH & BTEX are under RRAL's a Final Report, C-141 will be submitted to the OCD requesting closure. If the analytical results are above the RRAL's a work plan will be submitted. Chloride testing will be done for documentation purposes. **Depth to Ground Water: <50 (approximately 35', Section 6-T13S-R35E, per Trend Map), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 20. Based on recovered amounts of produced water, impacted soils excavated/hailed, enclosed analytical results, and the existence of a natural barrier (Bed Rock) at 2.5' to 3' that will prevent migration, Yates Petroleum Corporation requests closure.**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	OIL CONSERVATION DIVISION	
Printed Name: Jeremy Haass	Accepted for Record Only	
Title: Environmental Regulatory Agent	Approved by District Supervisor: <u>04/02/12</u>	Approval Date: _____ Expiration Date: _____
E-mail Address: <u>jhaass@yatespetroleum.com</u>	Conditions of Approval:	Attached <input type="checkbox"/>
Date: Friday, December 23, 2011 Phone: 575-748-1471	2RP-	

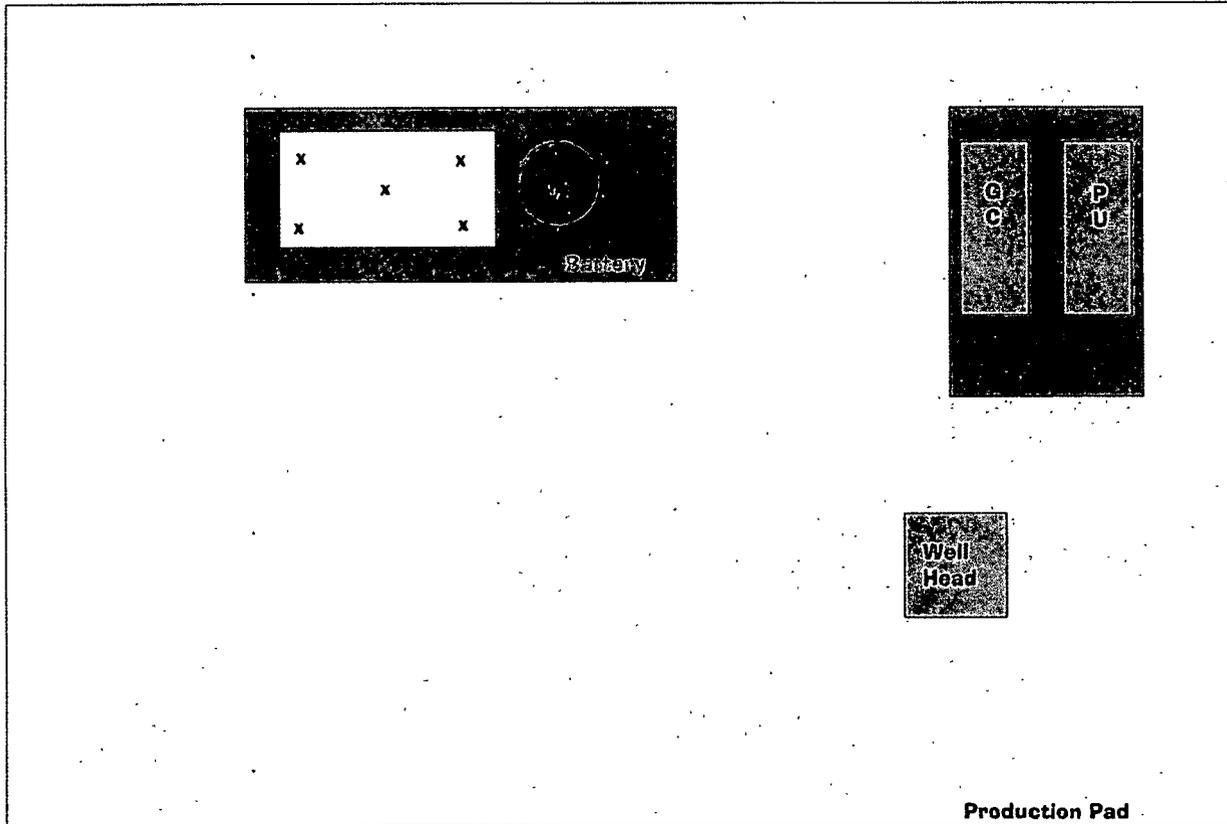
* Attach Additional Sheets If Necessary

APR 03 2012

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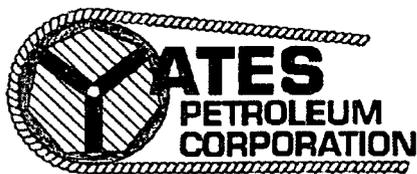
GC = Natural Gas Compressor
 PU = Production Unit
 W = Water Tank
 X = Sample Point

Analytical Report #	Sample Date	Sample Type	Depth	BENZ	BTEX	GRO	DRO	Chlorides
H102702	12/15/2011	Composite	1'	.266	40.52	50.9	ND	736
	12/15/2011	Composite	2'	ND	7.827	24.2	ND	432

Site Ranking is (20). Depth to Ground Water <50' (approx. 35', per Trend Map).

All results are ppm Chlorides for documentation. X - Sample Points

Released: 15 B/PW; Recovered: 11 B/PW. Release Date: 12/6/2011



Messina 'BHM' Com #1
 30-025-37468
 Section 6, T13S-R35E
 Lea County, NM

SAMPLE DIAGRAM (Not to Scale)
 Cardinal Laboratories# H102702
 Report Date: 12/19/2011
 Prepared by Jeremy Haass
 Environmental Regulatory Agent

DEC 21 2011

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

December 19, 2011

JEREMY HAASS

Yates Energy Petroleum Corp

105 S 4th Street

Artesia, NM 88210

RE: MESSINA 'BHM' COM #1

Enclosed are the results of analyses for samples received by the laboratory on 12/15/11 13:25.

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

Received:	12/15/2011	Sampling Date:	12/15/2011
Reported:	12/19/2011	Sampling Type:	Soil
Project Name:	MESSINA 'BHM' COM #1	Sampling Condition:	Cool & Intact
Project Number:	30-025-37468	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: COMP #1 1' (H102702-01)

BTEX 8021B	mg/kg		Analyzed By: MS				S-04			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.266	0.050	12/18/2011	ND	1.97	98.5	2.00	1.16		
Toluene*	6.01	0.050	12/18/2011	ND	1.89	94.6	2.00	1.71		
Ethylbenzene*	3.54	0.050	12/18/2011	ND	2.15	107	2.00	1.59		
Total Xylenes*	30.7	0.150	12/18/2011	ND	6.16	103	6.00	0.930		

Surrogate: 4-Bromofluorobenzene (PIL) 176 % 64.4-134

Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	736	16.0	12/17/2011	ND	432	108	400	0.00		

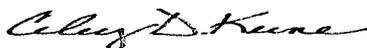
TPH 8015M	mg/kg		Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	50.9	10.0	12/17/2011	ND	193	96.4	200	4.86		
DRO >C10-C28	<10.0	10.0	12/17/2011	ND	189	94.7	200	1.39		

Surrogate: 1-Chlorooctane 82.1 % 55.5-154
Surrogate: 1-Chlorooctadecane 91.4 % 57.6-158

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	12/15/2011	Sampling Date:	12/15/2011
Reported:	12/19/2011	Sampling Type:	Soil
Project Name:	MESSINA 'BHM' COM #1	Sampling Condition:	Cool & Intact
Project Number:	30-025-37468	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: COMP #2 2' (H102702-02)

BTEX 8021B		mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/18/2011	ND	1.97	98.5	2.00	1.16		
Toluene*	0.672	0.050	12/18/2011	ND	1.89	94.6	2.00	1.71		
Ethylbenzene*	0.495	0.050	12/18/2011	ND	2.15	107	2.00	1.59		
Total Xylenes*	6.66	0.150	12/18/2011	ND	6.16	103	6.00	0.930		

Surrogate: 4-Bromofluorobenzene (PIL) 159 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	12/17/2011	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	24.2	10.0	12/17/2011	ND	193	96.4	200	4.86		
DRO >C10-C28	<10.0	10.0	12/17/2011	ND	189	94.7	200	1.39		

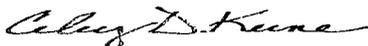
Surrogate: 1-Chlorooctane 70.9 % 55.5-154

Surrogate 1-Chlorooctadecane 98.6 % 57.6-158

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

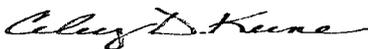
Notes and Definitions

- 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

Cardinal Laboratories

*=Accredited Analyte

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Celest D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: <u>Yates Pet</u>				BILL TO				ANALYSIS REQUEST																					
Project Manager: <u>Jeremy Haass</u>				P.O. #: <u>103-2636</u>																									
Address: <u>105 South 4th Street</u>				Company:																									
City: <u>Artesia</u>		State: <u>NM</u>		Zip: <u>88210</u>		Attn:																							
Phone #: <u>575-746-4311</u>		Fax #:		Address:																									
Project #: <u>30-025-37468</u>		Project Owner:		City:																									
Project Name: <u>Messing 'BHM' Com #1</u>				State:				Zip:																					
Project Location: <u>Lea</u>				Phone #:																									
Sampler Name: <u>Jeremy Haass</u>				Fax #:																									
FOR LAB USE ONLY																													
Lab I.D.		Sample I.D.		GRAB OR (C)OMP	# CONTAINERS	MATRIX				PRESERV		SAMPLING																	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME															
<u>H102703</u>						X							<u>12/15/11</u>	<u>9:00</u>	<u>X</u>	<u>X</u>	<u>X</u>												
<u>1</u>		<u>Comp #1 1'</u>		<u>1</u>	<u>1</u>	X							<u>12/15/11</u>	<u>9:30</u>	<u>X</u>	<u>X</u>	<u>X</u>												
<u>2</u>		<u>Comp #2 2'</u>		<u>1</u>	<u>1</u>	X							<u>12/15/11</u>	<u>9:30</u>	<u>X</u>	<u>X</u>	<u>X</u>												

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Relinquished By: <u>S. Haass</u>	Date: <u>12/15/11</u>	Received By: <u>Jodi Newton</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <u>1:25 pm</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:			
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other:	Cool - Intact - <u>6°C</u>	(Initials)		
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>JH</u>		
	<input type="checkbox"/> No <input type="checkbox"/> No			

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476