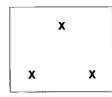
Release/Excavation/Sample Area



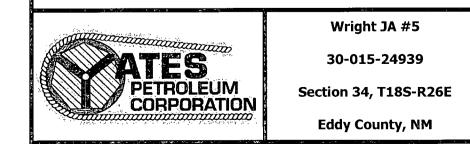
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			TO BE THE REAL					
Lease Road								
al to	98 <u>.</u>	1 1 mm			Ale		Well Pac	

Analytical Report-	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	15431	Chlorides
1	Release Area	3/19/2009	Comp/Auger	1'	0.8510	31	15400	13.2	5240
2	Release Area	3/19/2009	Comp/Auger	3'	ND	ND	92.5	ND	1800
Soils were exc	avated to a	depth of 3'	and taken to	a NMOCD	appro	ved fac	cility.		
Analytical Report- 3B04005	Sample Area	Sâmple Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
Comp-4.0	Release Area	1/30/2013	Comp/Backhoe	4'					277
Comp-5.0	Release Area	1/30/2013	Comp/Backhoe	5'					125
Comp-6.0	Release Area	1/30/2013	Comp/Backhoe	6'	S Malanas Republication in a second state Republication in a second state stat				97.8

Site Ranking is Ten (10). Depth to Ground Water 50-99' (approx. 85', per NMSEO).

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

Released: 2 B/O & 4 B/PW; Recovered: 0 B/O & 0 B/PW. Release Date: 1/30/2009



SAMPLE DIAGRAM(Not to Scale)

E. C. Million Bill

PBELAB# 42H10004 & 43B04005

Prepared by Robert Asher **YPC Environmental Division**



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

ANALYTICAL RESULTS FOR YATES PETROLEUM CORPORATION ATTN: BOB ASHER 105 SOUTH 4TH STREET ARTESIA, NM 88210 FAX TO: (575) 748-4635

Receiving Date: 03/25/09 Reporting Date: 04/01/09 Project Owner: 30-015-24939 Project Name: WRIGHT JA #5 Project Location: SEC. 34-18S-26E

Sampling Date: 03/19/09 Sample Type: SOIL Sample Condition: INTACT Sample Received By: ML Analyzed By: AB/ZL

		GRO	DRO			ETHYL	TOTAL
LAB NO.	SAMPLE ID	(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)	BENZENE	TOLUENE	BENZENE	XYLENES
		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
ANALYSIS	DATE:	03/27/09	03/27/09	03/31/09	03/31/09	03/31/09	03/31/09
H17129-1	01 COMPOSITE SAMPLE	31.0	15,400	<0.050	0.058	0.380	0.851
	FROM SURFACE EXCAVATED					~~:*: <u></u>	
	AREA ON LOCATION.			····			
H17129-2	02 GRAB SAMPLE FROM	<10,0	92.5	<0.050	<0.050	<0.050	<0.300
	1' BGS EXCAVATED AREA ON	The state of the s					
	LOCATION.		***				
	ЧКА ЧР <mark>ана — "</mark> Ка — «Катана и Катана Катана (Катана) и кака и			h			
Quality Cor	ntrol	458	500	0.049	0.051	0.050	0.152
True Value	QC	500	500	0.050	0.050	0.050	0.150
% Recovery	Y	91.6	100	98.0	102	100	101
Relative Pe	rcent Difference	1.9	1.9	3.3	4.5	5.3	5.6

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES.

Lab Director

H17129 BTEX8015 YATES

PLEASE NOTE: Liability and Damages. Cerdinal's liability and client's exclusive remody for any claim article, whother based in contract or ton, shall be limited to the smouth paid by client for analyses. All claims, including these for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within limity (30) days after completion of the applicable service. In no event shall Cardinal to liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profile incurred by client, its subcliaries, affiliates or successors arking out of or related to the performance of services hercundar by Cardinal, regardless of whother such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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ANALYTICAL RESULTS FOR YATES PETROLEUM CORPORATION ATTN: BOB ASHER 105 SOUTH 4TH STREET ARTESIA, NM 88210 FAX TO: (575) 748-4635

Receiving Date: 03/25/09 Reporting Date: 03/30/09 Project Number: 30-015-24939 Project Name: WRIGHT JA #5 Project Location: SEC. 34-18S-26E

Analysis Date: 03/30/09 Sampling Date: 03/19/09 Sample Type: SOIL Sample Condition: INTACT Sample Received By: ML Analyzed By: HM

		C
LAB NUMBER	SAMPLE ID	(mg/kg)
H17129-1	01 COMPOSITE SAMPLE FROM SURFACE	5,240
· · · · · · · · · · · · · · · · · · ·	EXCAVATED AREA ON LOCATION.	
H17129-3	03 GRAB SAMPLE FROM 3' BGS	1,800
	EXCAVATED AREA ON LOCATION.	
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent D	ifference	< 0.1
METHOD: Standard	Methods	4500-CI'B

METHOD: Standard Methods Note: Analyses performed on 1:4 w:v aqueous extracts.

hemis

03/30/09

Date

H17129 YATES

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Analytical Report

Prepared for:

Robert Asher Yates Petroleum Corp. 105 S. Fourth St. Artesia, NM 88210

Project: Wright JA #5 Project Number: 30-015-26722 Location: Eddy County, NM

Lab Order Number: 3B04005



NELAP/TCEQ # T104704156-12-1

Report Date: 02/06/13

Project: Wright JA #5 Project Number: 30-015-26722 Project Manager: Robert Asher

Fax: (505) 748-4662

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Comp-4.0 (48"-48")	3B04005-01	Soil	01/30/13 11:06	02-04-2013 09:29
Comp-5.0 (60"-60")	3B04005-02	Soil	01/30/13 11:10	02-04-2013 09:29
Comp-6.0 (72"-72")	3B04005-03	Soil	01/30/13 11:15	02-04-2013 09:29

General Chemistry Parameters by EPA / Standard Methods

Permian Basin Environmental Lab

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Comp-4.0 (48''-48'') (3B04005-01) Soil	· · · · ·							·	
Chloride	277	1.05	mg/kg đry	1	EB30504	02/05/13	02/06/13	EPA 300.0	
% Moisture	5.0	0.1	%	"	EB30406	02/04/13	02/05/13	% calculation	
Comp-5.0 (60''-60'') (3B04005-02) Soil									
Chloride	125	1.04	mg/kg d r y	1	EB30504	02/05/13	02/06/13	EPA 300.0	
% Moisture	4.0	0.1	%	"	EB30406	02/04/13	02/05/13	% calculation	
Comp-6.0 (72''-72'') (3B04005-03) Soil									
Chloride	97.8	1.08	mg/kg dry	1	EB30504	02/05/13	02/06/13	EPA 300.0	
% Moisture	7.0	0.1	%	"	EB30406	02/04/13	02/05/13	% calculation	

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By:

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

Bun Barron

If you have received this material in error, please notify us immediately at 432-661-4184.

Permian Basin Environmental Lab

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

2/6/2013

Date:

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•	City/State/Zip:	Artesia, NM 88	210												_	··· ·	•	PO	#: <u>1</u> 0)363	2		•	•.	• • •		•.	
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LAB #(lab use only)	FIE	ELD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered Total # of Containers	5	HNO3	HCI	H2504 NaOH	Na ₂ S ₂ O ₃	None Other (Specify)	DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	TPH: 418.1 8015M 8	005	Cations (Ca, Mg, Na, K)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg	Volatiles	Semivolaties BTEX 8021B/5030 or BTEX 8260		N.O.R.M.	-		RUSH TAT (Pre-Schedule) Standard TAT
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Fee

State of New Mexico Energy Minerals and Natural Resources

> Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

and the second secon	7
	Form C-1
	sed October 10, 20

41 2003

FEB 07 Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

NMOCD ARTESIA

Release Notification and Corrective Action

	OPER	ATOR	Initial Report	Final Report
Name of Company	OGRID Number	Contact		
Yates Petroleum Corporation	25575	Robert Asher		
Address		Telephone No.		
$104 \text{ S. } 4^{\text{TH}} \text{ Street}$		575-748-1471		
Facility Name	API Number	Facility Type		
Wright JA #5	30-015-24939	Well		
Surface Owner	Mineral Owner		Lease No.	

LOCATION OF RELEASE

Fee

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County	
F	34	185	26E	1650	North	2310	West	Eddy	

Latitude 32.70688 Longitude 104.37042

NATURE	OF RELEASE				
Type of Release	Volume of Release	Volume R			
Oil & Produced Water	2 B/O & 4 B/PW	0 B/O & 0			
Source of Release	Date and Hour of Occurrence		lour of Discovery		
Flowline	1/30/2009 AM	1/30/2009	<u>AM</u>		
Was Immediate Notice Given?	If YES, To Whom?				
Yes No X Not Required	N/A				
By Whom?	Date and Hour				
N/A	N/A				
Was a Watercourse Reached?	If YES, Volume Impacting the Wa	itercourse.			
🗌 Yes 🖾 No	N/A				
If a Watercourse was Impacted, Describe Fully.*					
N/A					
Describe Cause of Problem and Remedial Action Taken.*					
Scale plugged the 2" polyline causing the line to rupture. The release occu	irred on location 10' north of pumpin	g unit. A sect	ion of the polyline was		
removed from service; the line was repaired and then placed back in service		0			
Describe Area Affected and Cleanup Action Taken.*	<u></u>				
An approximate area of 25' X 15'. The visibly impacted soils were excav	rated and taken to an OCD approved	land disposal	facility. Soil samples were		
taken and run for TPH & BTEX (chlorides are to show decreasing levels a					
backfilled to grade using clean soils. Area: No, Distance to Surface Wat					
reports and impacted soils removed/hauled to an NMOCD approve fa	cility, Yates Petroleum Corporatio	on is requestin	ng final closure.		
I hereby certify that the information given above is true and complete to the	ne best of my knowledge and underst	and that pursu	ant to NMOCD rules and		
regulations all operators are required to report and/or file certain release no	otifications and perform corrective ad	tions for relea	ases which may endanger		
public health or the environment. The acceptance of a C-141 report by the	e NMOCD marked as "Final Report"	does not relie	we the operator of liability		
should their operations have failed to adequately investigate and remediate					
or the environment. In addition, NMOCD acceptance of a C-141 report de	oes not relieve the operator of respon	sibility for co	mpliance with any other		
federal, state, or local laws and/or regulations.	· ·	•			
	OIL CONSER	VATIONI	DIVISION		
CJALLA .					
Signature:					
	Approved by District Supervisor:				
Printed Name: Robert Asher	Approved by District Supervisor.				
Title: Environmental Regulatory Agent	Approval Date:	Expiration D	ate:		
E-mail Address: boba@yatespetroleum.com	Conditions of Approval:				
	- FF		Attached		
Date: Thursday, February 07, 2013 Phone: 575-748-1471 2RP-701					

* Attach Additional Sheets If Necessary

NATURE OF RELEASE