

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

Form C-141
Revised October 10, 2003

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

JUL 28 2009 Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

15 SEP 08 32942801

OPERATOR

Initial Report Final Report

Name of Company Yates Petroleum Corporation	OGRID Number 25575	Contact Robert Asher
Address 104 S. 4 TH Street	Telephone No. 575-748-1471	
Facility Name Dog Canyon UP State #1	API Number 30-015-24167	Facility Type Producing Gas Well

Surface Owner State	Mineral Owner State	Lease No. E-5313
------------------------	------------------------	---------------------

LOCATION OF RELEASE

Unit Letter I	Section 2	Township 17S	Range 27E	Feet from the 1500	North/South Line South	Feet from the 660	East/West Line East	County Eddy
------------------	--------------	-----------------	--------------	-----------------------	---------------------------	----------------------	------------------------	----------------

Latitude 32.85983 Longitude 104.24240

NATURE OF RELEASE

Type of Release Condensate	Volume of Release 70 B/C	Volume Recovered 0 B/C
Source of Release Stock tank developed leak	Date and Hour of Occurrence 10/9/2008 AM	Date and Hour of Discovery 10/9/2008 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Van Barton/NMOCD District II	
By Whom? Mike Stubblefield/YPC Environmental	Date and Hour 10/10/2008 AM	
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.* The pumper found stock tank to have developed leak. A vacuum truck was called to location; condensate removed from the tank.		
Describe Area Affected and Cleanup Action Taken.* Impacted area was the bermed area of the tank battery. The bermed area was not lined. Impacted soils were removed, placed on a liner and remediated per the 11/4/2008 work plan. Vertical and horizontal delineation conducted on 6/18/2009, based on analytical results further impacted soils were removed and taken to an NMOCD approved facility, samples were taken on 7/20/2009, based on results no further corrective action will be needed. When Final C-141 report is approved, remediated stockpiled soils will be used to backfill and a 20 mil lined will be installed under the battery area. Depth to Ground Water: 50-99', Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 0. Based on enclosed information, 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: Robert Asher	Approved by District Supervisor 	
Title: Environmental Regulatory Agent	Approval Date: JUL 28 2009	Expiration Date: <i>N/A</i>
E-mail Address: boba@ypcnm.com	Conditions of Approval: <i>N/A</i>	Attached <input type="checkbox"/>
Date: Monday, July 27, 2009 Phone: 575-748-4271	2RP-276	

* Attach Additional Sheets If Necessary

JUL 28 2009

MARTIN YATES, III

1912-1985

FRANK W. YATES

1936-1986

S. P. YATES

1914-2008



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118
TELEPHONE (575) 748-1471

JOHN A. YATES
CHAIRMAN OF THE BOARD
PRESIDENT

JOHN A. YATES JR.
ASSISTANT TO THE PRESIDENT

JAMES S. BROWN
CHIEF OPERATING OFFICER

JOHN D. PERINI
CHIEF FINANCIAL OFFICER

July 27, 2009

Mr. Mike Bratcher
NMOCD District II
1301 West Grand
Artesia, NM 88210

Re: Dog Canyon UP State #1
2RP-276
30-015-24167
Section 4, T23S-R31E
Eddy County, New Mexico

Dear Mr. Bratcher,

Enclosed please find a Form C-141, Final Report for the above captioned site regarding the release on October 9, 2008 (70 B/C with 0 B/C recovered). The release was the results of the stock tank developed a leak. Impacted soils from the battery were excavated to a depth of 5 feet below ground surface and placed on a liner on location to be remediated with nitrogen fertilizer per the November 4, 2008, Work Plan. Actions per the Remediation Work Plan have been completed. Soil sampling was scheduled with the NMOCD for 1/23/2009 and 7/20/2009, all samples were sent to OCD approved laboratory for analysis (results are below RRAL's based on the site ranking, field samples obtained on July 13, 2009 were done during further excavation on the south sidewall and are for documentation, those impacted soils were taken to an NMOCD approved facility). Site ranking is ten (10), with the depth to ground water 50-99'. Yates Petroleum Corporation requests closure, upon approval, the stockpiled soils will be used for backfill and berm construction, the battery will be lined with a 20 mil liner.

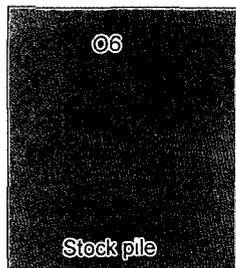
If you have any questions, please call me at 575-748-4217.

Thank you.

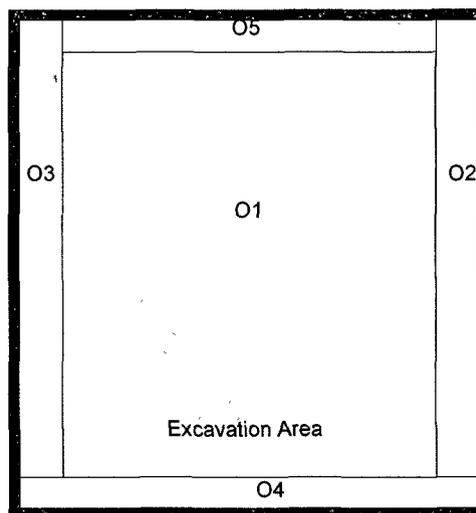
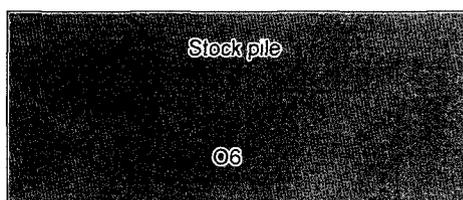
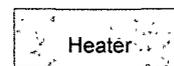
YATES PETROLEUM CORPORATION

Robert Asher
Environmental Regulatory Agent

/rca
Enclosure(s)



Well Head



Sample ID	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL
O1	Bottom	1/23/2009	Grab	4' BGS	176.4	278	4020	4298
O1	Bottom	6/18/2009	Grab	5' BGS	0.1566	45.7	362	407.7
O1	Bottom	7/20/2009	Grab	5' BGS	ND	ND	135	135
O2	East Sidewall	1/23/2009	Grab	4' BGS	0.3	10	10	20
O3	West Sidewall	6/18/2009	Grab	4' BGS	0.571	10	45.7	55.7
O4	South Sidewall	1/23/2009	Grab	4' BGS	236.09	9150	3190	12340
O4	South Sidewall	6/18/2009	Grab	5' BGS	5.269	483	5450	5933
O4	South Sidewall	7/13/2009	Grab	5' BGS			447.25	447.25
O4	South Sidewall	7/20/2009	Grab	5' BGS	ND	ND	72.8	72.8
O5	North Sidewall	1/23/2009	Grab	4' BGS	72.511	1560	3590	5150
O5	North Sidewall	6/18/2009	Grab	5' BGS	0.2295	63.2	410	473.2
O5	North Sidewall	7/20/2009	Grab	5' BGS	ND	ND	71.3	71.3
O6	Stockpile	1/23/2009	Grab	4' BGS	4.418	240	1930	2170
O6	Stockpile	6/18/2009	Grab	5' BGS	0.08	25.4	325	350.4
O6	Stockpile	7/20/2009	Grab	5' BGS	ND	ND	65.5	65.5

Site Ranking is Ten (10). Depth to Ground Water 50-99'. All results are ppm.

Impacted soils from O1, O4, O5, sample areas were excavated/hailed to an OCD approved facility.

O6 Stock pile has been remediated with nitrogen fertilizer.



Dog Canyon UP State #1

30-015-2182124167

Section 2 T17S-R27E

Eddy County, NM

SAMPLE DIAGRAM (Not to Scale)

Cardinal Report #: H167753

Sample Date: 1/23/2009

Trace Report 9061905

Sample Date: 6/18/2009

Xenco Report #338469

Sample Date 7/20/2009

Prepared by Robert Asher/YPC

Analytical Report 338469

for

Yates Petroleum Corporation

Project Manager: Robert Asher

Dog Canyon UP State # 1

30-015-24167

23-JUL-09



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-08-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00308), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87428), North Carolina (483), South Carolina (98015), Utah (AAL11), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)

Xenco-Miramar (EPA Lab code: FL01246): Florida (E86349)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-08-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-08-TX)

Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370-08-TX)

Houston - Dallas - San Antonio - Tampa - Miami - Midland - Corpus Christi - Atlanta - Latin America



23-JUL-09

Project Manager: **Robert Asher**
Yates Petroleum Corporation
105 South Fourth St.
Artesia, NM 88210

Reference: XENCO Report No: **338469**
Dog Canyon UP State # 1
Project Address: Eddy County

Robert Asher:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 338469. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 338469 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II

Odessa Laboratory Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America



Sample Cross Reference 338469



Yates Petroleum Corporation, Artesia, NM
Dog Canyon UP State # 1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
O1	S	Jul-20-09 09:30	5 - 5 ft	338469-001
O4	S	Jul-20-09 09:41	5 - 5 ft	338469-002
O5	S	Jul-20-09 09:50	5 - 5 ft	338469-003
O6	S	Jul-20-09 09:59	5 - 5 ft	338469-004



CASE NARRATIVE

Client Name: Yates Petroleum Corporation

Project Name: Dog Canyon UP State # 1

Project ID: 30-015-24167

Report Date: 23-JUL-09

Work Order Number: 338469

Date Received: 07/21/2009

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-766139 Percent Moisture

AD2216A

Batch 766139, Percent Moisture RPD is outside the QC limit. This is most likely due to sample non-homogeneity.

Samples affected are: 338469-004, -001, -002, -003.

Batch: LBA-766152 BTEX-MTBE EPA 8021B

SW8021BM

Batch 766152, 4-Bromofluorobenzene recovered below QC limits Data not confirmed by re-analysis. Samples affected are: 534031-1-BLK, 338469-003, 338469-002. Matrix interference is suspected in the case of sample surrogate failures.

4-Bromofluorobenzene recovered above QC limits Data not confirmed by re-analysis. Samples affected are: 338469-004 SD Matrix interference is suspected

SW8021BM

Batch 766152, Benzene, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.

Samples affected are: 338469-004, -001, -002, -003.

The Laboratory Control Sample for Toluene, m,p-Xylenes, Benzene, Ethylbenzene, o-Xylene is within laboratory Control Limits

Batch: LBA-766311 TPH by SW 8015B

None



Certificate of Analysis Summary 338469

Yates Petroleum Corporation, Artesia, NM

Project Name: Dog Canyon UP State # 1



Project Id: 30-015-24167

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Tue Jul-21-09 09:50 am

Report Date: 23-JUL-09

Project Manager: Brent Barron, II

Analysis Requested	<i>Lab Id:</i>	338469-001	338469-002	338469-003	338469-004		
	<i>Field Id:</i>	O1	O4	O5	O6		
	<i>Depth:</i>	5-5 ft	5-5 ft	5-5 ft	5-5 ft		
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL		
	<i>Sampled:</i>	Jul-20-09 09 30	Jul-20-09 09 41	Jul-20-09 09 50	Jul-20-09 09 59		
BTEX by EPA 8021B	<i>Extracted:</i>	Jul-21-09 14 30	Jul-21-09 14 30	Jul-21-09 14 30	Jul-21-09 14 30		
	<i>Analyzed:</i>	Jul-22-09 05 44	Jul-22-09 06 02	Jul-22-09 06 21	Jul-22-09 06 39		
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
Benzene		ND 0 0012	ND 0 0011	ND 0 0011	ND 0 0011		
Toluene		ND 0 0025	ND 0 0022	ND 0 0023	ND 0 0022		
Ethylbenzene		ND 0 0012	ND 0 0011	ND 0 0011	ND 0 0011		
m,p-Xylenes		ND 0 0025	ND 0 0022	ND 0 0023	ND 0 0022		
o-Xylene		ND 0 0012	ND 0 0011	ND 0 0011	ND 0 0011		
Total Xylenes		ND 0 0012	ND 0 0011	ND 0 0011	ND 0 0011		
Total BTEX		ND 0 0012	ND 0 0011	ND 0 0011	ND 0 0011		
Percent Moisture	<i>Extracted:</i>						
	<i>Analyzed:</i>	Jul-22-09 09 48	Jul-22-09 09 48	Jul-22-09 09 48	Jul-22-09 09 48		
	<i>Units/RL:</i>	% RL	% RL	% RL	% RL		
Percent Moisture		19 69 1 00	10 26 1 00	12 57 1 00	7 79 1 00		
TPH By SW8015B Mod	<i>Extracted:</i>	Jul-22-09 16 30	Jul-22-09 16 30	Jul-22-09 16 30	Jul-22-09 16 30		
	<i>Analyzed:</i>	Jul-22-09 19 17	Jul-22-09 19 41	Jul-22-09 20 07	Jul-22-09 20 32		
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
C6-C10 Gasoline Range Hydrocarbons		ND 18 7	ND 16 7	ND 17 2	ND 16 2		
C10-C28 Diesel Range Hydrocarbons		135 18 7	72 8 16 7	71 3 17 2	65 5 16 2		
Total TPH		135 18 7	72 8 16 7	71 3 17 2	65 5 16 2		

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America - Atlanta - Corpus Christi


Brent Barron, II
Odessa Laboratory Manager



Flagging Criteria



- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the MQL and above the SQL.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- BRL** Below Reporting Limit.
- RL** Reporting Limit
- * Outside XENCO's scope of NELAC Accreditation.

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Corpus Christi - Midland/Odessa - Tampa - Miami - Latin America

	Phone	Fax
4143 Greenbriar Dr, Stafford, Tx 77477	(281) 240-4200	(281) 240-4280
9701 Harry Hines Blvd , Dallas, TX 75220	(214) 902 0300	(214) 351-9139
5332 Blackberry Drive, San Antonio TX 78238	(210) 509-3334	(210) 509-3335
2505 North Falkenburg Rd, Tampa, FL 33619	(813) 620-2000	(813) 620-2033
5757 NW 158th St, Miami Lakes, FL 33014	(305) 823-8500	(305) 823-8555
12600 West I-20 East, Odessa, TX 79765	(432) 563-1800	(432) 563-1713
842 Cantwell Lane, Corpus Christi, TX 78408	(361) 884-0371	(361) 884-9116

Environmental Lab of Texas
 Variance/ Corrective Action Report- Sample Log-In

Client: Yates Petroleum
 Date/ Time: 7.21.09 9.50
 Lab ID #: 338469
 Initials: AL

Sample Receipt Checklist

				Client Initials	
#1	Temperature of container/ cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	31	°C
#2	Shipping container in good condition?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#3	Custody Seals intact on shipping container/ cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Present	
#4	Custody Seals intact on sample bottles/ container?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Present	
#5	Chain of Custody present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#6	Sample instructions complete of Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#7	Chain of Custody signed when relinquished/ received?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#8	Chain of Custody agrees with sample label(s)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	ID written on Cont./ Lid	
#9	Container label(s) legible and intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#11	Containers supplied by ELOT?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#12	Samples in proper container/ bottle?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below	
#13	Samples properly preserved?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below	
#14	Sample bottles intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#15	Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#16	Containers documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
#17	Sufficient sample amount for indicated test(s)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below	
#18	All samples received within sufficient hold time?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below	
#19	Subcontract of sample(s)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Applicable	
#20	VOC samples have zero headspace?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Applicable	

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding _____

Corrective Action Taken: _____

- Check all that Apply:
- See attached e-mail/ fax
 - Client understands and would like to proceed with analysis
 - Cooling process had begun shortly after sampling event

Summary Report

Robert Asher
Yates Petroleum Corp.
105 South 4th South
Artesia, NM 88210

Report Date: June 22, 2009

Work Order: 9061905



Project Location: Eddy County
Project Name: Dog Canyon Up State #1
Project Number: 30-015-24167

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
199604	01	soil	2009-06-18	09:59	2009-06-19
199605	04	soil	2009-06-18	10:14	2009-06-19
199606	05	soil	2009-06-18	10:33	2009-06-19
199607	06	soil	2009-06-18	10:50	2009-06-19

Sample - Field Code	BTEX				MTBE MTBE (mg/Kg)	TPH DRO DRO (mg/Kg)	TPH GRO GRO (mg/Kg)
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)			
199604 - 01	<0.0200	<0.0200	<0.0200	0.0966		362	45.7
199605 - 04	<0.100	0.365	0.674	4.13		5450	483
199606 - 05	<0.0200	0.0265	<0.0200	0.163		410	63.2
199607 - 06	<0.0200	<0.0200	<0.0200	<0.0200		325	25.4

TraceAnalysis, Inc.

5002 Basin Street, Suite E Midland, Texas 79703
 Tel (432) 7689-6301 Fax (432) 689-6313

email: lab@traceanalysis.com

Company Name Yates Petroleum Corporation	Phone # 505-748-4217
Address (Street, City, Zip) 105 South Fourth Street, Artesia, NM 88210	Fax # 505-748-4662
Contact Person Robert Asher	E-mail boba@ypcnm.com
Invoice to PO# 105632	
Project # 30-015-24167	Project Name Dog Canyon UP State #1
Project Location Eddy County	Sampler Signature <i>[Signature]</i>

ANALYSIS REQUEST

(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX				PRESERVATIVE METHOD				SAMPLING	
				WATER	SOIL	AIR	SLUDGE	HCL	HNO ₃	NaHSO ₄	H ₂ SO ₄	ICE	NONE
14104	O1	1	4 oz.	X								6/18/09	9:59 AM
105	O4	1	4 oz.	X								6/18/09	10:14 AM
106	O5	1	4 oz.	X								6/18/09	10:33 AM
107	O6	1	4 oz.	X								6/18/09	10:50 AM

MTBE 8021B/602	
BTEX 8021B/602	
TPH 418.1/TX1005 / TX1005 Extended (C35)	
TPH 8015 GRO / DRO / TVHC	
CPAH 8270C	
Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/2007	
TCLP Metals Ag As Ba Cd Cr Pb Se Hg	
TCLP Volatiles	
TCLP Semi Volatiles	
TCLP Pesticides	
RCI	
GC/MS Vol 8260B/624	
GC/MS Semi Vol 8270C/625	
PCB's 8082/608	
Pesticides 8081A/608	
BOD, TSS, pH	
Moisture Content	
Chlorides	
Turn Around Time if different from standard	
Hold	

Relinquished by: Company: Date: Time: REAL/UPC 6/18/2009 2:15 PM	Received by: Company: Date: Time: Temp°c: Count Fox Trace 6-19-09 8:30 AM 3.2 3.7 IR
Relinquished by: Company: Date: Time:	Received by: Company: Date: Time: Temp°c:
Relinquished by: Company: Date: Time:	Received by: Company: Date: Time: Temp°c:

LAB USE ONLY

Intact: Y N

Headspace: Y N

Log-in/Review:

REMARKS:
 TPH: 8015 GRO/DRO, BTX8021B.
 Please show results as mg/kg.
 Thank you.

Check If Special Reporting Limits Are Needed

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of COC ORIGINAL COPY Carrier # **FedEx 7921 5393 6984**

JUN 22 2009 EP



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

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

Receiving Date: 01/23/08
 Reporting Date: 01/28/09
 Project Number: 30-015-24167
 Project Name: DOG CANYON UP STATE #1
 Project Location: SEC 2-17S-27E

Sampling Date: 01/23/09
 Sample Type: SOIL
 Sample Condition: INTACT
 Sample Received By: ML
 Analyzed By: AB/ZL

LAB NO	SAMPLE ID	GRO (C ₈ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE:		01/27/09	01/27/09	01/26/09	01/26/09	01/26/09	01/26/09
H16753-1	01 BOTTOM OF EXCAVATED AREA 4' BGS.	278	4,020	19.3	63.6	33.4	60.1
H16753-2	02 EASTSIDE WALL EXCAVATED AREA.	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150
H16753-3	03 WESTSIDE WALL EXCAVATED AREA.	<10.0	45.7	<0.050	0.072	0.078	0.371
H16753-4	04 SOUSIDE WALL EXCAVATED AREA	9,150	3,190	1.29	67.7	18.1	149
H16753-5	05 NORTHSIDE WALL EXCAVATED AREA.	3,110	2,970	<0.050	2.20	1.42	17.9
H16753-6	06 BIO-CELL LAND FARMED SOIL.	240	1,930	0.072	0.308	0.288	3.75
Quality Control		594	577	0.054	0.059	0.056	0.168
True Value QC		500	500	0.050	0.050	0.050	0.150
% Recovery		119	115	108	118	112	112
Relative Percent Difference		2.1	9.4	2.6	3.6	5.0	4.4

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

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


 Lab Director

01/29/09
 Date

H16753 BTEX8015 YATES

PLEASE NOTE **Liability and Damages.** Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether 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.



CARDINAL LABORATORIES, INC.

2111 Boockwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(325) 673-7001 Fax (325) 673-7020 (505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page ___ of ___

Company Name: Yates Petroleum Corporation	BILL TO	ANALYSIS REQUEST
Project Manager: Mike Stubblefield	P.O. #:	
Address: 105 South 4th Street	Company: Yates Alta Corp	
City: Artesia State: N.M. Zip: 88210	Attn: Mike Stubblefield	
Phone #: 505-713-1212 Fax #: 505-748-4335	Address: 105 South 4th Street	
Project #: 30-015-24167 Project Owner: Mike Stubblefield	City: Artesia	
Collect Name: Dog Canyon UP State #1	State: N.M. ZIP 88210	
Project Location: Sec. 2-17-27c	Phone #: 505-748-4300	
Sampler Name: Mike Stubblefield	Fax #: 505-748-4635	

Lab I.D.	Sample (LJ)	GRAB OR (COMP. # CONTAINERS)	MATRIX							PRESERV.		SAMPLING		TPH	B-TEX	Boil B.
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE	ICE / COOL	OTHER:	DATE	TIME			
H1625A-1	01 Bottom of excavated area 4' BGS	G			✓					✓		11/27/2009	10:18 AM	✓	✓	
-2	02 Eastside wall excavated area	G			✓					✓		11/27/2009	10:30 AM	✓	✓	
-3	03 Westside wall excavated area	G			✓					✓		11/27/2009	10:25 AM	✓	✓	
-4	04 Southside wall excavated area	G			✓					✓		11/27/2009	10:21 AM	✓	✓	
-5	05 Northside wall excavated area	G			✓					✓		11/27/2009	10:35 AM	✓	✓	
-6	06 Bio-cell hard formed soil	G			✓					✓		11/29/2009	10:30 AM			

PLEASE NOTE: Liability and Damages: Cardinal's liability and third party liability for any state or federal or other based on contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other such claims, shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for indirect or consequential damages including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates, or successors arising out of or related to the performance or non-performance of services provided by Cardinal, regardless of whether such claim is based on contract or tort or otherwise.

Terms and Conditions: Payment will be charged on all accounts unless otherwise specified. Late payment will be charged at the rate of 2% per month from the original date of invoice, and at cost of collection, including attorney's fees.

Sampler Relinquished By: Mike Stubblefield	Date: 11/23/2009 Time: 4:35 PM	Received By:	Phone Results: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Relinquished By: Mike Stubblefield	Date: 11/23/2009 Time: 4:35 PM	Received By: (Lab Staff) Misty LeBart	Fax Results: <input type="checkbox"/> Yes <input type="checkbox"/> No
Delivered By: (Circle One) UPS	Sampler Condition Temp. °C <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Checked By: UGB	REMARKS: Samples Sampled on 23rd Mike Stubblefield called on Verification 11/27/09

† Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.