

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

Form C-141
Revised October 10, 2003

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

1508 0832942801

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
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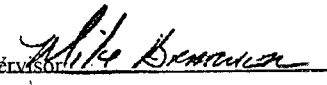
LOCATION OF RELEASE

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
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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.

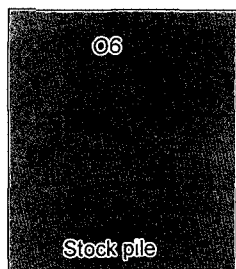
If you have any questions, please call me at 575-748-4217.

Thank you.

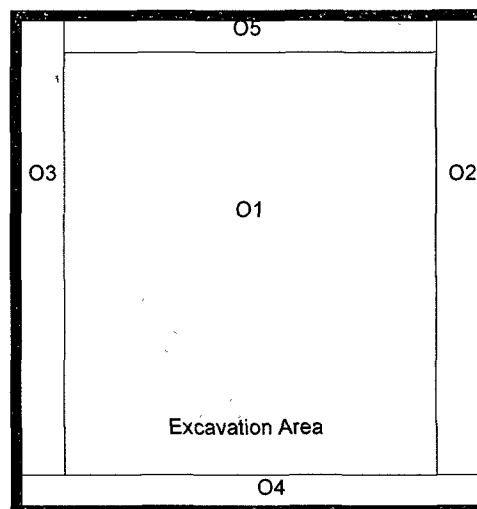
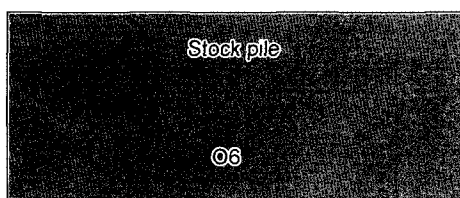
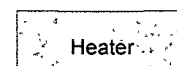
YATES PETROLEUM CORPORATION

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

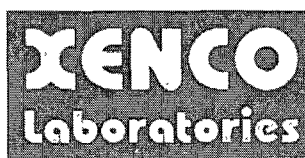
Yates Petroleum Corporation

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

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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

Work Order Number: 338469

Report Date: 23-JUL-09

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

<i>Analysis Requested</i>	<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>	Jul-22-09 09 48	Jul-22-09 09 48	Jul-22-09 09 48	Jul-22-09 09 48		
	<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.

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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.

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9701 Harry Hines Blvd , Dallas, TX 75220
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2505 North Falkenburg Rd, Tampa, FL 33619
5757 NW 158th St, Miami Lakes, FL 33014
12600 West I-20 East, Odessa, TX 79765
842 Cantwell Lane, Corpus Christi, TX 78408

Phone	Fax
(281) 240-4200	(281) 240-4280
(214) 902 0300	(214) 351-9139
(210) 509-3334	(210) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555
(432) 563-1800	(432) 563-1713
(361) 884-0371	(361) 884-9116

Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79765

Phone: 432-563-1800
Fax: 432-563-1713

Project Manager: Robert Asher

Company Name: Yates Petroleum Corporation

Company Address: 135 South 4th Street

City/State/Zip: Amarillo, NM 88200

Telephone No. 806-748-4217

Sampler Signature: *[Signature]*

Fax No. 806-748-4662

e-mail: bob@yocnm.com

Project Name: Dog Canyon UP State #1

Project #: 30-015-24167

Project Loc: Eddy County

PO #: 105632

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(Lab use only)

ORDER #:

33586

LAB # (Lab use only)

33586

Field Name

Field Code

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Name

Field Code

Beginning Depth

Ending Depth

Date Sampled

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Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Special Instructions:

TPH: 8015B & BTEX: 8021B. Please show BTEX results as mg/kg. Thank you.

Relinquished by:

Robert Asher

Relinquished by:

Relinquished by:

Relinquished by:

Relinquished by:

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Preservation & # of Containers

Matrix

TPH: 8015B

TPH: 8015B

TPH: 8015B

TPH: 8015B

TPH: 8015B

TPH: 8015B

TPH: 8015B

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Analyze For:

TCLP

TOTAL

TPH: 8015B

TPH: 8015B

TPH: 8015B

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Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on Containers?

Custody tags on container(s)?

Sample Hand Delivered?

by Courier?

by Bumper/Client Rep?

by UPS?

by DHL?

Temperature Upon Receipt?

Temperature Upon Receipt?

Temperature Upon Receipt?

Temperature Upon Receipt?

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Temperature Upon Receipt?

Temperature Upon Receipt?

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?	Yes	No	31 °C
#2	Shipping container in good condition?	Yes	No	
#3	Custody/Seals intact on shipping container/ cooler?	Yes	No	Not Present
#4	Custody/Seals intact on sample bottles/ container?	Yes	No	Not Present
#5	Chain of Custody present?	Yes	No	
#6	Sample instructions complete of Chain of Custody?	Yes	No	
#7	Chain of Custody signed when relinquished/ received?	Yes	No	
#8	Chain of Custody agrees with sample label(s)?	Yes	No	ID written on Cont./ Lid
#9	Container label(s) legible and intact?	Yes	No	Not Applicable
#10	Sample matrix/ properties agree with Chain of Custody?	Yes	No	
#11	Containers supplied by ELOT?	Yes	No	
#12	Samples in proper container/ bottle?	Yes	No	See Below
#13	Samples properly preserved?	Yes	No	See Below
#14	Sample bottles intact?	Yes	No	
#15	Preservations documented on Chain of Custody?	Yes	No	
#16	Containers documented on Chain of Custody?	Yes	No	
#17	Sufficient sample amount for indicated test(s)?	Yes	No	See Below
#18	All samples received within sufficient hold time?	Yes	No	See Below
#19	Subcontract of sample(s)?	Yes	No	Not Applicable
#20	VOC samples have zero headspace?	Yes	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	TPH DRO	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	DRO (mg/Kg)	GRO (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
Tel (432) 7689-6301

Midland, Texas 79703
Fax

email: lab@traceanalysis.com

(432) 689-6313

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

ANALYSIS REQUEST

(Circle or Specify Method No.)

[illegible]

Relinquished by: Company: Date: Time:	Received by: Company: Date: Time: Temp°C:
REAL/UPC 6/18/2009 2:15 PM	
Relinquished by: Company: Date: Time:	Received by: Company: Date: Time: Temp°C:
Relinquished by: Company: Date: Time:	Received by: Company: Date: Time: Temp°C:
	Canine Fox Trace 6-19-09 108:30 3.2 IR CE 9:10 AM 3.7 IR

LAB USE ONLY Intact: <u>Y</u> <u>N</u> Headspace: <u>Y</u> <u>N</u> <u>A</u> Log-in/Review: <u> </u>	REMARKS: TPH: 8015 GRO/DRO, BTX8021B. Please show results as mg/kg. Thank you.
	<input type="checkbox"/> Check If Special Reporting Limits Are Needed
	(Empty space for additional remarks)
	(Empty space for additional remarks)

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of COC

ORIGINAL COPY

Carrier # Fed Ex 7921 5393 6984

JUN 22 1969



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 ₆ -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

Date

H16753 BTEX8015 YATES

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page ____ of ____

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