

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-144
June 1, 2004

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

For drilling and production facilities, submit to
appropriate NMOCD District Office
For downstream facilities, submit to Santa Fe
office



Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☐
Type of action Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

JUN 03 2008

OCD-ARTESIA

Operator Yates Petroleum Corporation Telephone 505-748-1471 e-mail address boba@ypcnm.com

Address 104 S 4th Street, Artesia, NM 88210

Facility or well name Dee 36SW State #2 API # 30-015-26185 U/L or Qtr/Qtr M Sec 36 T 19S R 24E

County Eddy Latitude 32.61257 Longitude 104.54635 NAD 1927 ☒ 1983 ☐

Surface Owner Federal ☐ State ☐ Private ☒ Indian ☐

Pit

Type Drilling ☐ Production ☐ Disposal ☐

Work over ☐ Emergency ☐

Lined ☐ Unlined ☐

Liner type Synthetic ☐ Thickness _____ mil Clay ☐

Pit Volume _____ bbl

Below-grade tank

Volume 5 bbl Type of fluid Produced Water

Construction material Fiberglass

Double-walled, with leak detection? Yes ☒ If not, explain why not _____

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water)	Less than 50 feet	(20 points)
	50 feet or more, but less than 100 feet	(10 points)
	100 feet or more	(0 points)
Wellhead protection area (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources)	Yes	(20 points)
	No	(0 points)
Distance to surface water (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses)	Less than 200 feet	(20 points)
	200 feet or more, but less than 1000 feet	(10 points)
	1000 feet or more	(0 points)
Ranking Score (Total Points)		0 points

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks (2) Indicate disposal location (check the onsite box if you are buying in place)

onsite ☐ offsite ☐ If offsite, name of facility _____ (3) Attach a general description of remedial action taken including remediation start date and end date (4) Groundwater

encountered No ☐ Yes ☐ If yes, show depth below ground surface _____ ft and attach sample results

(5) Attach soil sample results and a diagram of sample locations and excavations

FINAL REMOVAL ACTIVITIES COMPLETE (TANK REMOVED AND SAMPLE RESULTS ENCLOSED). FINAL REPORT C-144.

I hereby certify that the information above is true and complete to the best of my knowledge and belief I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date Monday, June 02, 2008

Printed Name/Title Robert Asher / Environmental Regulatory Agent

Signature Robert Asher

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval

Printed Name/Title _____

Signed By Mike Brannon

Date

JAN 12 2009

MARTIN YATES, III
1912-1985

FRANK W. YATES
1936-1986



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

S.P. YATES
CHAIRMAN EMERITUS
JOHN A. YATES
CHAIRMAN OF THE BOARD
FRANK YATES, JR.
PRESIDENT
PEYTON YATES
DIRECTOR
JOHN A. YATES, JR.
DIRECTOR

September 19, 2008

SEP 22 2008
OCD-ARTESIA

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

RE: Dee 36SW State #2
30-015-~~228185~~ 26185
Section 36, T19S-R24E
Eddy County, New Mexico

Dear Mr. Bratcher,

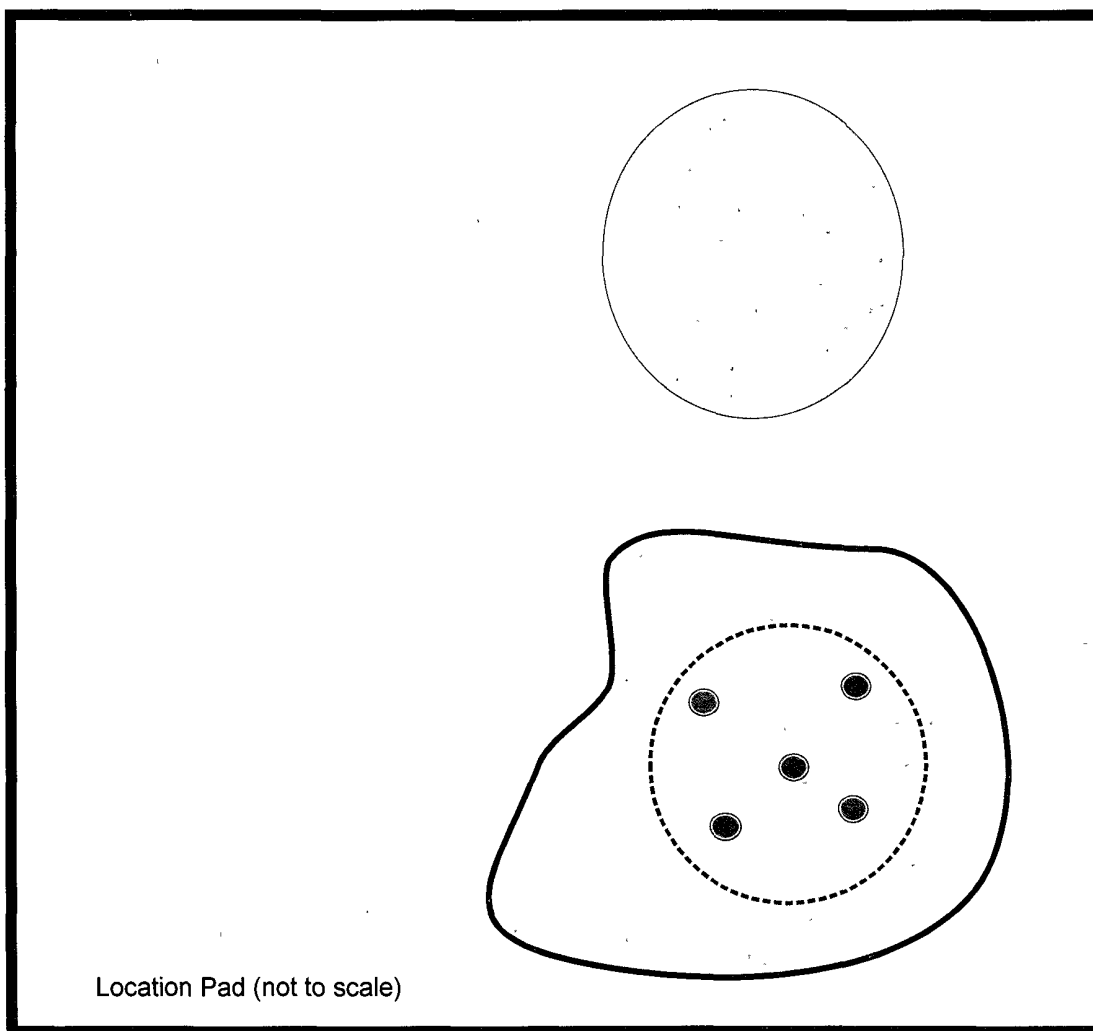
Additional delineation sampling has been performed, enclosed are analytical results that indicate decreasing levels on TPH. Yates Petroleum Corporation requests closure of the below grade tank site.

Thank you.

YATES PETROLEUM CORPORATION

Robert Asher
Environmental Regulatory Agent

Enclosure(s)
/rca



Location Pad (not to scale)

Sample ID	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TPH TOTAL	Chlorides
CS/Comp-001	5/15/2008	Grab/Composite	1'	0.1077	ND	1520	1520	19.8
CS/Comp-002	5/15/2008	Grab/Composite	2'	0.1541	ND	ND	1540	ND
CS/Comp-003	9/16/2008	Grab/Composite	3'		ND	424	424	
CS/Comp-004	9/16/2008	Grab/Composite	4'		ND	131	131	

Site Ranking is Zero (0). Depth to Ground Water: >100' (approx 261').



Dee 36SW State #2
Section 36, T19S-R24E
Eddy County, NM

EXHIBIT
Sample Diagram (Not to Scale)

Prepared by Robert Asher
Environmental Regulatory Agent
September 19, 2008

Analytical Report 312492

for

Yates Petroleum Corporation

Project Manager: Robert Asher

Dee 36SW State # 2

30-015-26185

18-SEP-08



E84880

12600 West I-20 East Odessa, Texas 79765

Texas certification numbers:

Houston, TX T104704215 - Odessa/Midland, TX T104704215-08-TX

Florida certification numbers:

Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675
Norcross(Atlanta), GA E87429

South Carolina certification numbers:

Norcross(Atlanta), GA 98015

North Carolina certification numbers:

Norcross(Atlanta), GA 483

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



18-SEP-08

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

Reference: XENCO Report No: **312492**
Dee 36SW State # 2
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 312492. 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. 312492 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 312492



Yates Petroleum Corporation, Artesia, NM
Dee 36SW State # 2

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-003	S	Sep-11-08 10:45	3 - 3 ft	312492-001
GS/Comp-004	S	Sep-11-08 10:55	4 - 4 ft	312492-002



Certificate of Analysis Summary 312492

Yates Petroleum Corporation, Artesia, NM

Project Name: Dee 36SW State # 2



Project Id: 30-015-26185

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Tue Sep-16-08 09 35 am

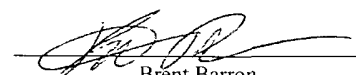
Report Date: 18-SEP-08

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	312492-001	312492-002				
	Field Id:	GS/Comp-003	GS/Comp-004				
	Depth:	3-3 ft	4-4 ft				
	Matrix:	SOIL	SOIL				
	Sampled:	Sep-11-08 10 45	Sep-11-08 10 55				
Percent Moisture	Extracted:						
	Analyzed:	Sep-16-08 11 30	Sep-16-08 11 30				
	Units/RL:	% RL	% RL				
Percent Moisture		7 39	6 86				
TPH By SW8015B Mod	Extracted:	Sep-16-08 16 30	Sep-16-08 16 30				
	Analyzed:	Sep-17-08 13 58	Sep-17-08 14 25				
	Units/RL:	mg/kg RL	mg/kg RL				
C6-C10 Gasoline Range Hydrocarbons		ND 16 2	ND 16 1				
C10-C28 Diesel Range Hydrocarbons		424 16 2	131 16 1				
Total TPH		424	131				

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
Odessa Laboratory Director



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(PQL) and above the SQL(MDL).
 - 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.
- * 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 - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America

11381 Meadowglen Lane Suite L Houston, Tx 77082-2647
9701 Harry Hines Blvd , Dallas, TX 75220
5332 Blackberry Drive, Suite 104, San Antonio, TX 78238
2505 N Falkenburg Rd , Tampa, FL 33619
5757 NW 158th St, Miami Lakes, FL 33014
6017 Financial Dr , Norcross, GA 30071

Phone	Fax
(281) 589-0692	(281) 589-0695
(214) 902 0300	(214) 351-9139
(210) 509-3334	(210) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555
(770) 449-8800	(770) 449-5477

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Phone: 432-663-1800
Fax: 432-663-1713

Project Name Dee 36SW State #2
Project # 30-015-26185
Project Loc Eddy County
PO # 105632

Telephone No 505-748-4217 Fax No 505-748-4652 Report Format ☒ Standard ☐ TRRP ☐ NPDES
 Sampler Signature *[Signature]* e-mail bobal@yrcnm.com

[illegible]

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

Client Yates Pet.
Date/ Time 9/16/08 9:35
Lab ID # 312492
Initials AL

Sample Receipt Checklist

				Client Initials
#1	Temperature of container/ cooler?	Yes	No	1.5 °C
#2	Shipping container in good condition?	Yes	No	
#3	Custody Seal's intact on shipping container/ cooler?	Yes	No	Not Present
#4	Custody Seal's 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

Bratcher, Mike, EMNRD

From: Bratcher, Mike, EMNRD
Sent: Friday, July 18, 2008 11:04 AM
To: 'boba@ypcnm.com'
Subject: Below Grade Tank Closures

Reference: Dee 36SW State 002 API: 30-015-26185
Gates AAC Btry API: 30-015-24931

Bob,

This is in response to your request for closure, dated July 16, 2008, of the removal of below grade tanks at the above referenced sites. The reason the original request for closure was denied is due to increasing levels of contaminants at depth on each site. On the Dee State, TPH levels increased from 1520 mg/kg to 1540 mg/kg. On the Gates site, Chloride levels increased from 107 mg/kg to 205 mg/kg. I realize these levels are under the RRAL for each site and, especially in the Dee State, the increase is minor. I cannot, however, approve closure based on these analyticals. Please obtain a sample at each site one foot below the last sample points. If the sample analyses indicate a decline in contaminant levels the sites will be approved for closure.

Thanks,

Mike Bratcher
NMOCD District 2
575-748-1283 Ext.108

7/18/2008

MARTIN YATES, III
1912-1985

FRANK W. YATES
1936-1986



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

S.P. YATES
CHAIRMAN EMERITUS

JOHN A. YATES
CHAIRMAN OF THE BOARD

FRANK YATES, JR.
PRESIDENT

PEYTON YATES
DIRECTOR

JOHN A. YATES, JR.
DIRECTOR

July 16, 2008

.III 16 2008
OCD-ARTESIA

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

RE: Dee 36SW State #2
30-015-~~226185~~ 26185
Section 36, T19S-R24E
Eddy County, New Mexico

Dear Mr. Bratcher,

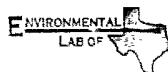
Based on the enclosed analytical results, total TPH levels are within the RRAL's for the Total Ranking Score of zero (0), RRAL's for BTEX is 50 ppm and TPH is 5000 ppm. Yates Petroleum Corporation requests closure of the above captioned location. Original Final C-144, analytical results and sample diagram were submitted on June 2, 2008.

Thank you.

YATES PETROLEUM CORPORATION

Robert Asher
Environmental Regulatory Agent

Enclosure(s)
/rca



Certificate of Analysis Summary 304085

Yates Petroleum Corporation, Artesia, NM

Project Name: Dee 36SW State #2

Project Id: 30-015-23858

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Sat May-17-08 09 25 am

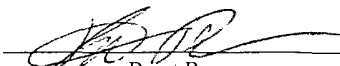
Report Date: 23-MAY-08

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	304085-001	304085-002				
	Field Id:	GS/Comp-001	GS/Comp-002				
	Depth:	1-1 ft	2-1 ft				
	Matrix:	SOIL	SOIL				
	Sampled:	May-15-08 13 12	May-15-08 13 19				
BTEX by EPA 8021B	Extracted:	May-19-08 15 00	May-19-08 15 00				
	Analyzed:	May-19-08 22 10	May-19-08 22 34				
	Units/RL:	mg/kg RL	mg/kg RL				
Benzene		ND 0 0011	ND 0 0011				
Toluene		0 0052 0 0022	ND 0 0023				
Ethylbenzene		0 0099 0 0011	0 0190 0 0011				
m,p-Xylenes		0 0375 0 0022	0 0439 0 0023				
o-Xylene		0 0551 0 0011	0 0912 0 0011				
Total Xylenes		0 0926	0 1351				
Total BTEX		0 1077	0 1541				
Inorganic Anions by EPA 300	Extracted:	May-21-08 20 52	May-21-08 20 52				
	Analyzed:	May-21-08 20 52	May-21-08 20 52				
	Units/RL:	mg/kg RL	mg/kg RL				
Chloride		19 8 5 40	ND 5 69				
Percent Moisture	Extracted:	May-19-08 11 52	May-19-08 11 52				
	Analyzed:	May-19-08 11 52	May-19-08 11 52				
	Units/RL:	% RL	% RL				
Percent Moisture		7 35 1 00	12 2 1 00				
TPH by SW 8015B	Extracted:	May-22-08 14 20	May-20-08 11 45				
	Analyzed:	May-22-08 14 25	May-20-08 18 46				
	Units/RL:	mg/kg RL	mg/kg RL				
C6-C10 Gasoline Range Hydrocarbons		ND 16 2	ND 17 1				
C10-C28 Diesel Range Hydrocarbons		1520 16 2	1540 17 1				
Total TPH		1520	1540				

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
Odessa Laboratory Director

MARTIN YATES, III
1912-1985

FRANK W. YATES
1936-1986



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

S.P. YATES
CHAIRMAN EMERITUS
JOHN A. YATES
CHAIRMAN OF THE BOARD
FRANK YATES, JR.
PRESIDENT
PEYTON YATES
DIRECTOR
JOHN A. YATES, JR.
DIRECTOR

June 2, 2008

JUN 03 2008
OCD-ARTESIA

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

RE: Dee 36SW State #2
30-015-~~226185~~ 30-015-26185
Section 36, T19S-R24E
Eddy County, New Mexico

Dear Mr. Bratcher,

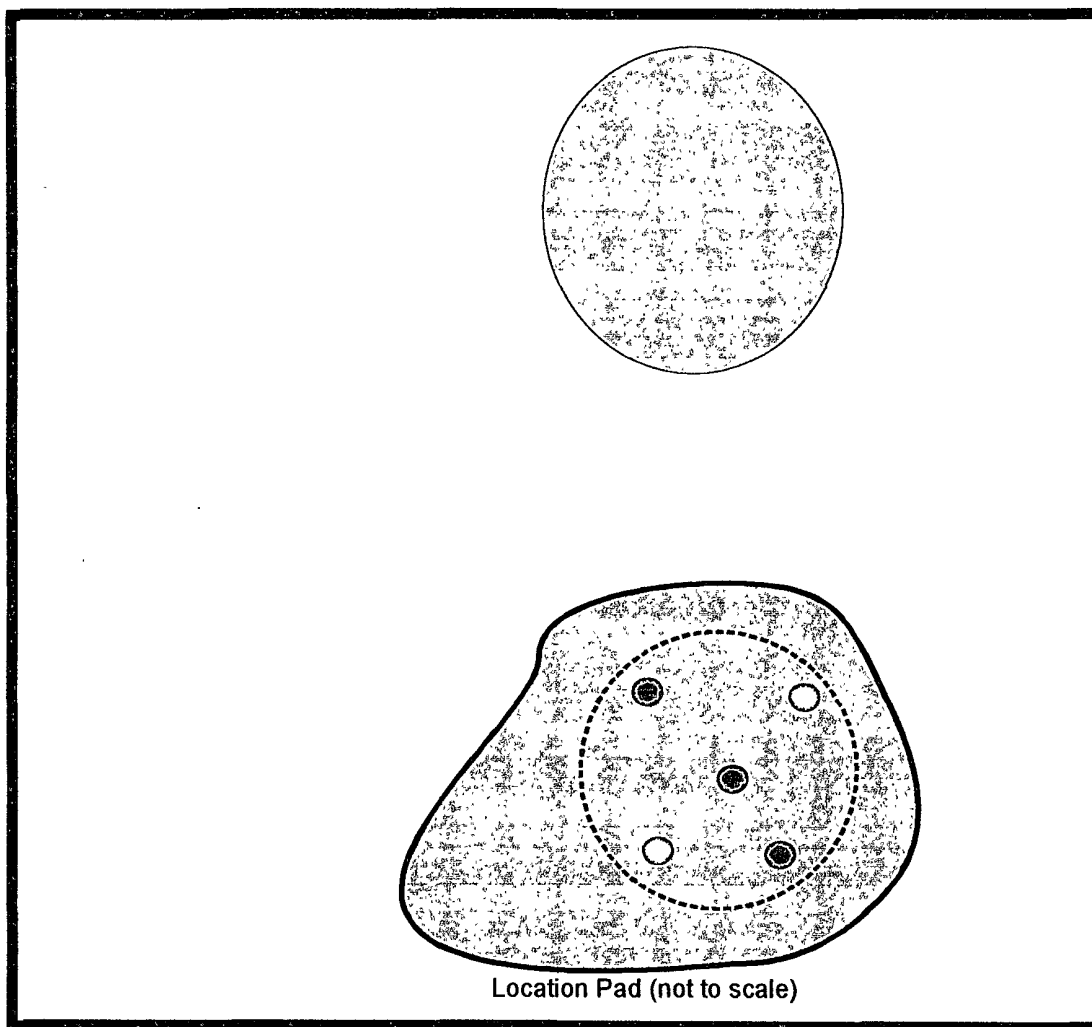
The following actions have been performed by Yates concerning Form C-144 submitted March 24, 2008, below-grade tank was removed, excavated soils were taken to an approved OCD facility and composite samples were taken (5/15/2008), the depth of the tank bottom is approximately six (6) feet below grade. Enclosed are analytical results, with the Total Ranking Score of zero (0), RRAL's for BTEX is 50 ppm and TPH is 5000 ppm. Yates Petroleum Corporation requests closure of the below grade tank site.

Thank you.

YATES PETROLEUM CORPORATION

Robert Asher
Environmental Regulatory Agent

Enclosure(s)
/rca



Sample ID	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TPH TOTAL	Chlorides
GS/Comp-001	5/15/2008	Grab/Composite	1'	0.1077	ND	1520	1520	19.8
GS/Comp-012	5/15/2008	Grab/Composite	2'	0.1541	ND	1540	1540	ND

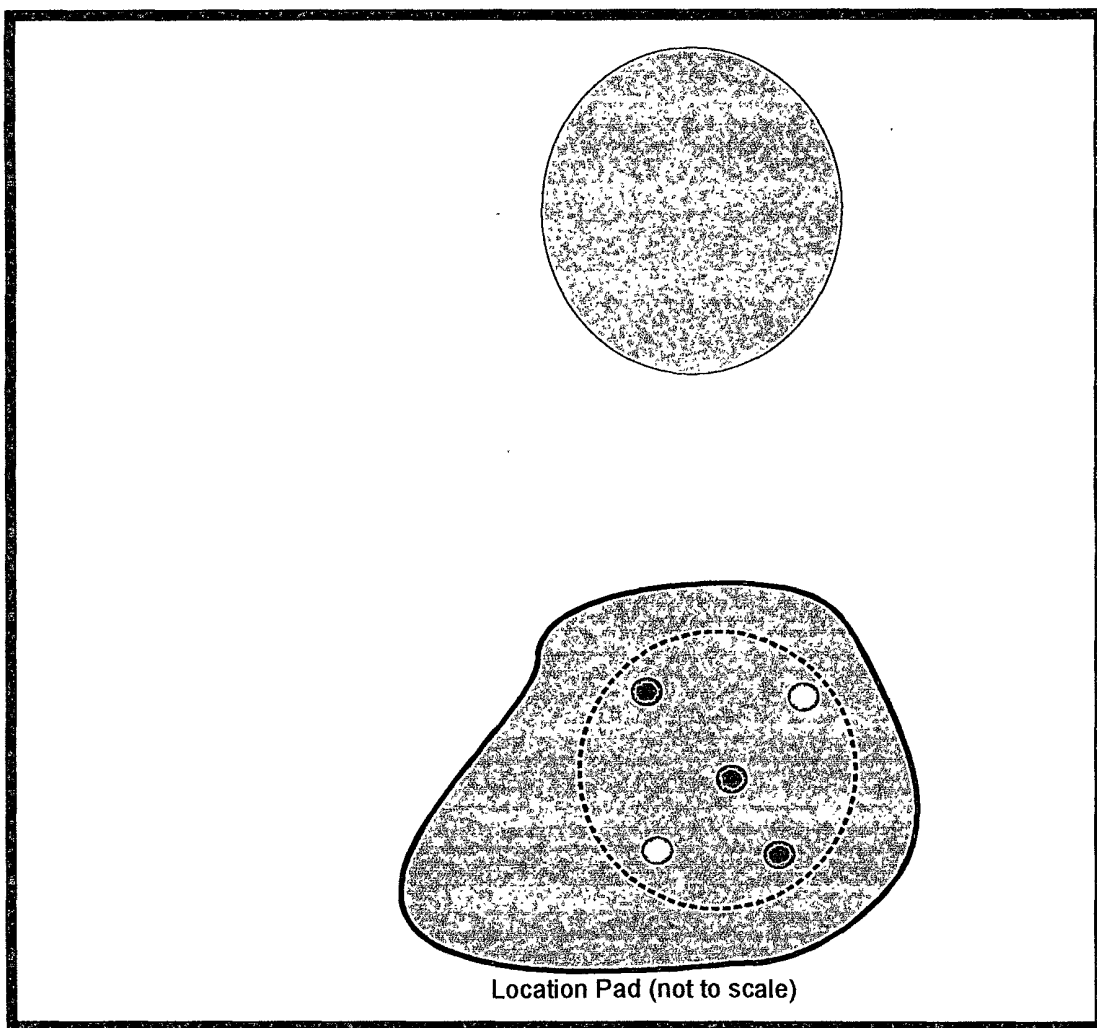
Site Ranking is Zero (0). Depth to Ground Water: >100' (approx.261'). All results are ppm.



Dee 36SW State #2
Section 36, T19S-R24E
Eddy County, NM

EXHIBIT
Sample Diagram (Not to Scale)

Prepared by Robert Asher
Environmental Regulatory Agent
June 2, 2008



Sample ID	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TPH TOTAL	Chlorides
GC Comp 001	5/15/2008	Grab/Composite	1'	0.1077	ND	1520	1520	19.8
GC Comp 002	5/15/2008	Grab/Composite	2'	0.1541	ND	1540	1540	ND

Site Ranking is Zero (0). Depth to Ground Water: >100' (approx.261'). All results are ppm.



Dee 36SW State #2
Section 36, T19S-R24E
Eddy County, NM

EXHIBIT
Sample Diagram (Not to Scale)

Prepared by Robert Asher
Environmental Regulatory Agent
June 2, 2008

Analytical Report 304085

for

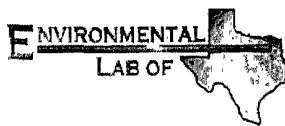
Yates Petroleum Corporation

Project Manager: Robert Asher

Dee 36SW State #2

30-015-23858

23-MAY-08



12600 West I-20 East Odessa, Texas 79765

Texas certification numbers:

Houston, TX T104704215

Florida certification numbers:

Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

Norcross(Atlanta), GA E87429

South Carolina certification numbers:

Norcross(Atlanta), GA 98015

North Carolina certification numbers:

Norcross(Atlanta), GA 483

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America

Midland - Corpus Christi - Atlanta



23-MAY-08

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

Reference: XENCO Report No: **304085**
Dee 36SW State #2
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 304085. 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. 304085 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



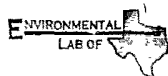
Sample Cross Reference 304085



Yates Petroleum Corporation, Artesia, NM

Dee 36SW State #2

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	May-15-08 13:12	1 - 1 ft	304085-001
GS/Comp-002	S	May-15-08 13:19	2 - 1 ft	304085-002



Certificate of Analysis Summary 304085

Yates Petroleum Corporation, Artesia, NM

Project Name: Dee 36SW State #2

Project Id: 30-015-23858

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Sat May-17-08 09 25 am


Report Date: 23-MAY-08

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	304085-001	304085-002				
	Field Id:	GS/Comp-001	GS/Comp-002				
	Depth:	1-1 ft	2-1 ft				
	Matrix:	SOIL	SOIL				
	Sampled:	May-15-08 13 12	May-15-08 13.19				
BTEX by EPA 8021B	Extracted:	May-19-08 15 00	May-19-08 15 00				
	Analyzed:	May-19-08 22 10	May-19-08 22 34				
	Units/RL:	mg/kg RL	mg/kg RL				
Benzene		ND 0 0011	ND 0 0011				
Toluene		0 0052 0 0022	ND 0 0023				
Ethylbenzene		0 0099 0 0011	0 0190 0 0011				
m,p-Xylenes		0 0375 0.0022	0 0439 0 0023				
o-Xylene		0 0551 0 0011	0 0912 0 0011				
Total Xylenes		0 0926	0 1351				
Total BTEX		0 1077	0 1541				
Inorganic Anions by EPA 300	Extracted:	May-21-08 20.52	May-21-08 20.52				
	Analyzed:	May-21-08 20.52	May-21-08 20.52				
	Units/RL:	mg/kg RL	mg/kg RL				
Chloride		19.8 5 40	ND 5 69				
Percent Moisture	Extracted:	May-19-08 11 52	May-19-08 11 52				
	Analyzed:	May-19-08 11 52	May-19-08 11 52				
	Units/RL:	% RL	% RL				
Percent Moisture		7 35 1 00	12 2 1 00				
TPH by SW 8015B	Extracted:	May-22-08 14 20	May-20-08 11 45				
	Analyzed:	May-22-08 14 25	May-20-08 18 46				
	Units/RL:	mg/kg RL	mg/kg RL				
C6-C10 Gasoline Range Hydrocarbons		ND 16 2	ND 17 1				
C10-C28 Diesel Range Hydrocarbons		1520 16 2	1540 17 1				
Total TPH		1520	1540				

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
Odessa Laboratory Director



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(PQL) and above the SQL(MDL).
- 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.

* 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 - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America

11381 Meadowglen Lane Suite L Houston, Tx 77082-2647
9701 Harry Hines Blvd., Dallas, TX 75220
5332 Blackberry Drive, Suite 104, San Antonio, TX 78238
2505 N. Falkenburg Rd., Tampa, FL 33619
5757 NW 158th St, Miami Lakes, FL 33014
6017 Financial Dr., Norcross, GA 30071

Phone	Fax
(281) 589-0692	(281) 589-0695
(214) 902 0300	(214) 351-9139
(210) 509-3334	(210) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555
(770) 449-8800	(770) 449-5477

Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST
12600 West I-20 East Phone: 432-663-1800
Odessa, Texas 79786 Fax: 432-663-1713

Project Manager Robert Asher Project Name Dee 36SW State #2
Company Name Yates Petroleum Corporation Project # 30-015-23658
Company Address 105 South 4th Street Project Loc Eddy County
City/State/Zip Artesia, NM 88210 PO # 105632
Telephone No 905-748-4217 Fax No 505-748-4682 Report Format: ☒ Standard ☐ TRRP ☐ NPDES
Sampler Signature [Signature] e-mail boba@ypcnm.com

LAB # (lab use only)		FIELD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filed	Total # of Containers	Preservation & # of Containers										Matrix	Analyze For									
										TPH	4111	8015B	8115B	TX 1005	TX 1006	Caloria (Ca, Mg, Na, K)	Arson (Cl, SO4, Alkalinity)	SAR (ESP/CEC)	Metal As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/201B/RTX 2020	PCB	NORM	Chlorides	RUSH TAT (Per-Schedule) 24, 48, 72 hrs	Standard TAT			
001		GS/Comp-001		1'	1'	5/15/2008	1 12 PM	1	1	X																				
002		GS/Comp-002		2'	1'	5/15/2008	1 19 PM	1	1	X																				
003	65																													
Special Instructions: TPH: 8015B, BTEX 8021B & Chlorides. Please show BTEX results as mg/kg. Thank you																														
Reinquisitioned by <u>Robert Asher</u> Date <u>05/16/08</u> Time <u>1:53 PM</u> Received by <u>[Signature]</u> Date <u>5/17/08</u> Time <u>7:25</u>														Laboratory Comments: Sample Containers Intact? <input checked="" type="checkbox"/> N VOCs Free of Headspace? <input checked="" type="checkbox"/> N Labels on container(s) <input checked="" type="checkbox"/> N Custody seals on container(s) <input checked="" type="checkbox"/> N Custody seals on cooler(s) <input checked="" type="checkbox"/> N Sample Hand Delivered by Sampler/Client Rep.? <input checked="" type="checkbox"/> N by Courier? <input checked="" type="checkbox"/> UPS <input checked="" type="checkbox"/> DHL <input checked="" type="checkbox"/> FedEx <input checked="" type="checkbox"/> Lone Star Temperature Upon Receipt <u>45°C</u>																

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

Client Yates
Date/ Time. 5/17/08 9:25
Lab ID # 34085
Initials AL

Sample Receipt Checklist

				Client Initials
#1	Temperature of container/ cooler?	<u>Yes</u>	No	<u>4.5 °C</u>
#2	Shipping container in good condition?	<u>Yes</u>	No	
#3	Custody Seals intact on shipping container/ cooler?	<u>Yes</u>	No	Not Present
#4	Custody Seals intact on sample bottles/ container?	<u>Yes</u>	No	Not Present
#5	Chain of Custody present?	<u>Yes</u>	No	
#6	Sample instructions complete of Chain of Custody?	<u>Yes</u>	No	
#7	Chain of Custody signed when relinquished/ received?	<u>Yes</u>	No	
#8	Chain of Custody agrees with sample label(s)?	<u>Yes</u>	No	ID written on Cont / Lid
#9	Container label(s) legible and intact?	<u>Yes</u>	No	Not Applicable
#10	Sample matrix/ properties agree with Chain of Custody?	<u>Yes</u>	No	
#11	Containers supplied by ELDT?	<u>Yes</u>	No	
#12	Samples in proper container/ bottle?	<u>Yes</u>	No	See Below
#13	Samples properly preserved?	<u>Yes</u>	No	See Below
#14	Sample bottles intact?	<u>Yes</u>	No	
#15	Preservations documented on Chain of Custody?	<u>Yes</u>	No	
#16	Containers documented on Chain of Custody?	<u>Yes</u>	No	
#17	Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No	See Below
#18	All samples received within sufficient hold time?	<u>Yes</u>	No	See Below
#19	Subcontract of sample(s)?	<u>Yes</u>	No	Not Applicable
#20	VOC samples have zero headspace?	<u>Yes</u>	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