

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

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

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report  
**RECEIVED**

Name of Company Yates Petroleum Corporation	OGRID Number 25575	Contact Robert Asher
Address 104 S. 4 <sup>TH</sup> Street	Telephone No. 505-748-1471	
Facility Name Mescalero ARL State #1	API Number 30-025-33696	Facility Type Battery
Surface Owner State	Mineral Owner State	Lease No. VA-0621

APR 28 2008  
**HOBBS OCD**  
API# 30-025-33696

**LOCATION OF RELEASE**

Unit Letter P	Section 2	Township 10S	Range 32E	Feet from the 330	North/South Line South	Feet from the 330	East/West Line East	County Lea
------------------	--------------	-----------------	--------------	----------------------	---------------------------	----------------------	------------------------	---------------

Latitude 33.46878 Longitude 103.63456

**NATURE OF RELEASE**

Type of Release Crude Oil	Volume of Release 25 B/O	Volume Recovered 10 B/O
Source of Release Production Tank	Date and Hour of Occurrence 1/13/2008 AM	Date and Hour of Discovery 1/13/2008 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mark Whitaker/NMOCD, District I	
By Whom? Robert Asher/Yates Petroleum Corporation	Date and Hour 1/14/2008, 8:38 AM (VM) & 8:42 AM (E-mail)	
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.\*  
Oil hauler did not pick up load of oil and tank ran over, vacuum truck and excavation crew called to location

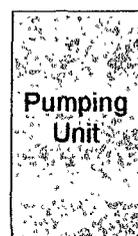
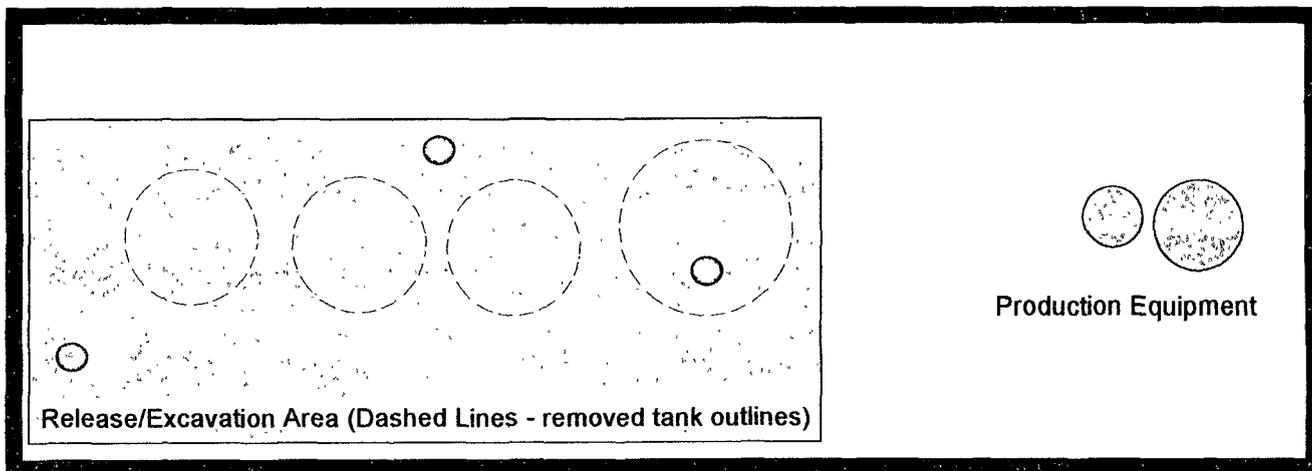
Describe Area Affected and Cleanup Action Taken.\*  
An approximate area of 36' X 12'. All inside berm. Vacuum truck picked up remaining oil; contaminated soils were excavated and taken to an OCD approved facility. Vertical and horizontal delineation was made and corrective action taken. **Depth to Ground Water: 50-99' (approx. 65'), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 10. Based on enclosed information, Yates Petroleum Corporation requests closure, stockpiled soils were blended but are above RRAL's, and these soils will be taken to an OCD approved facility.**

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.

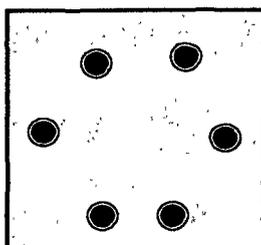
Signature:	<b>OIL CONSERVATION DIVISION</b> 	
Printed Name: Robert Asher	Approved by District Supervisor: <b>ENVIRONMENTAL ENGINEER</b>	
Title: Environmental Regulatory Agent	Approval Date: <b>11.10.08</b>	Expiration Date:
E-mail Address: boba@ypcnm.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: Friday, April 25, 2008	Phone: 505-748-4217	<b>IRP# 2000</b>

\* Attach Additional Sheets If Necessary

FGRL 0833133398



Stockpile (excavated and blended soils)



Sample ID	Sample Date	Sample Type	Depth	BTEX	TPH (GRO)	TPH (DRO)	TPH (TOTAL)
GS/Comp-001	4/17/2008	Grab/Auger	5'	0.1141	136.0	708.0	844.0
GS/Comp-002	4/17/2008	Grab/Auger	6'	0.0838	74.9	219.0	293.9
GS/Comp-003	4/17/2008	Grab/Auger	7'	ND	ND	23.6	23.6
GS/Comp-003	4/17/2008	Grab/Shovel	6"-2'	0.1773	174.0	3190.0	3364.0

Site Ranking is Ten (10). Depth to Ground Water 50-99' (approx. 65'). All results are ppm.



**Mescalero ARL State #1**

**Section 2, T10S-R32E**

**Lea County, NM**

**EXHIBIT**  
Sample Diagram (Not to Scale)

Prepared by Robert Asher  
Environmental Regulatory Agent  
April 23, 2008

# **Analytical Report 302015**

**for**

## **Yates Petroleum Corporation**

**Project Manager: Robert Asher**

**Mescalero ARL State # 1**

**30-025-33696**

**23-APR-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**

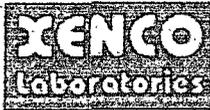
**South Carolina certification numbers:**

**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-APR-08

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

Reference: XENCO Report No: **302015**  
**Mescalero ARL State # 1**  
Project Address: Lea 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 302015. 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. 302015 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 302015**



**Yates Petroleum Corporation, Artesia, NM**  
Mescalero ARL State # 1

<b>Sample Id</b>	<b>Matrix</b>	<b>Date Collected</b>	<b>Sample Depth</b>	<b>Lab Sample Id</b>
GS/Comp-001	S	Apr-17-08 10:24	1 - 1 ft	302015-001
GS/Comp-002	S	Apr-17-08 10:35	2 - 2 ft	302015-002
GS/Comp-003	S	Apr-17-08 10:47	3 - 3 ft	302015-003
GS/Comp-003	S	Apr-17-08 11:03	6" - 2 ft	302015-004



# Certificate of Analysis Summary 302015

Yates Petroleum Corporation, Artesia, NM

Project Name: Mescalero ARL State # 1

Project Id: 30-025-33696

Contact: Robert Asher

Project Location: Lea County

Date Received in Lab: Fri Apr-18-08 09:30 am

Report Date: 23-APR-08

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	302015-001	302015-002	302015-003	302015-004		
	Field Id:	GS/Comp-001	GS/Comp-002	GS/Comp-003	GS/Comp-003		
	Depth:	1-1 ft	2-2 ft	3-3 ft	6"-2 ft		
	Matrix:	SOIL	SOIL	SOIL	SOIL		
	Sampled:	Apr-17-08 10:24	Apr-17-08 10:35	Apr-17-08 10:47	Apr-17-08 11:03		
BTEX by EPA 8021B	Extracted:	Apr-21-08 10:09	Apr-21-08 10:09	Apr-21-08 10:09	Apr-21-08 10:09		
	Analyzed:	Apr-21-08 16:01	Apr-22-08 09:35	Apr-22-08 09:58	Apr-22-08 10:22		
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
Benzene		0.0011 0.0011	ND 0.0011	ND 0.0012	0.0030 0.0010		
Toluene		0.0032 0.0022	ND 0.0023	ND 0.0024	0.0431 0.0021		
Ethylbenzene		0.0027 0.0011	0.0245 0.0011	ND 0.0012	0.0073 0.0010		
m,p-Xylenes		0.0515 0.0022	0.0149 0.0023	ND 0.0024	0.0590 0.0023		
o-Xylene		0.0356 0.0011	0.0344 0.0011	ND 0.0012	0.0628 0.0010		
Xylenes, Total		0.1071	0.0593	ND	0.1215		
Total BTEX		0.1141	0.0838	ND	0.1773		
Percent Moisture	Extracted:						
	Analyzed:	Apr-18-08 17:00	Apr-18-08 17:00	Apr-18-08 17:00	Apr-18-08 17:00		
	Units/RL:	% RL	% RL	% RL	% RL		
Percent Moisture		8.74	11.6	15.0	3.33		
TPH By SW8015B Mod	Extracted:	Apr-22-08 14:30	Apr-22-08 14:30	Apr-22-08 14:30	Apr-22-08 14:30		
	Analyzed:	Apr-22-08 23:46	Apr-23-08 00:12	Apr-23-08 00:37	Apr-23-08 01:03		
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
C6-C10 Gasoline Range Hydrocarbons		136 16.2	74.9 17.0	ND 17.8	174 15.5		
C10-C28 Diesel Range Hydrocarbons		708 16.2	219 17.0	25.6 17.8	31.06 15.5		
Total TPH		844	293.9	25.6	310.4		

This analytical report and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed through out this analytical report represent the best judgment of ODESSA Laboratory. ODESSA Laboratory assumes no responsibility as to the accuracy of the data hereby presented. Our liability is limited to the amount you pay for this work, order unless otherwise agreed to in writing.

Since 1999 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

	Phone	Fax
11351 Meadowglade Lane Suite L Houston, TX 77062-2647	(281) 589-0692	(281) 589-0695
9701 Harry Hines Blvd. Dallas, TX 75220	(214) 902 0300	(214) 351-9159
5332 Blackberry Drive, Suite 104, San Antonio, TX 78238	(210) 509-3334	(210) 509-3335
2505 N. Falkenburg Rd., Tampa, FL 33619	(813) 620-2000	(813) 620-2035
5757 N.W. 158th St. Miami Lakes, FL 33014	(305) 823-8500	(305) 823-8555
6617 Financial Dr., Norcross, GA 30071	(770) 449-8800	(770) 449-5477



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

Client: Yates  
 Date/ Time: 4/5/05 7:30  
 Lab ID #: 322015  
 Invoic: 16

**Sample Receipt Checklist**

	Yes	No	Client Initials
#1. Temperature of container/ cooler?	Yes	No	-30 °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 sampled by FLOT?	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: \_\_\_\_\_ Demanded 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