

Page 1 of 103  
Received by OGD: 4/3/2009 12:57:34 PM  
Released to Imaging: 5/1/2009 10:07:05 AM

District I  
25 N. French Dr., Hobbs, NM 88240  
District II  
301 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

JUN - 2 2009

Form C-141  
Revised October 10, 2003

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

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

Name of Company Yates Petroleum Corporation	OGRID Number 25575	Contact Robert Asher
Address 104 S. 4 <sup>TH</sup> Street		Telephone No. 575-748-1471
Facility Name J Lazy J #13	API Number 30-015-21821	Facility Type Flow Line

Surface Owner Fee	Mineral Owner Fee	Lease No.
----------------------	----------------------	-----------

LOCATION OF RELEASE

Unit Letter G	Section 22	Township 17S	Range 25E	Feet from the 1980	North/South Line North	Feet from the 1980	East/West Line East	County Eddy
------------------	---------------	-----------------	--------------	-----------------------	---------------------------	-----------------------	------------------------	----------------

Latitude 32.82264 Longitude 104.47029

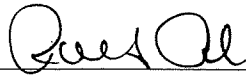
NATURE OF RELEASE

Type of Release Oil & Produced Water	Volume of Release Unknown amounts of Oil & PW	Volume Recovered 0 B/O & 0 B/PW
Source of Release Flow line	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 1/12/2009 - AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher - NMOCD/Artesia	
By Whom? Robert Asher - Yates Petroleum Corporation	Date and Hour 1/13/2009, Voicemail & 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.\*  
Work for pipe line crossing under channel was scheduled when lease operator noticed gas coming up from ground. Excavation process revealed release from old steel line.

Describe Area Affected and Cleanup Action Taken.\*  
An approximate area of 50' X 150'. Crew excavated contaminated soils, soils placed on plastic and bermed. Vertical and horizontal delineation samples have taken and analysis ran for TPH & BTEX (Chlorides for reference). Further vertical and horizontal delineation samples were taken and analysis will be run for TPH & BTEX (Chlorides for reference). Old steel line replaced with new poly line, conduit repaired, extended and tested (no under ground leaks). Depth to Ground Water: >100' (approx. 200', per New Mexico Office of the State Engineer); Wellhead Protection Area: No; Distance to Surface Water Body: >1000'; SITE RANKING IS 0. Based on site ranking/depth to ground water, enclosed analytical results, and response from Eddy County Flood Commission, 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:	Expiration Date:
E-mail Address: boba@ypcnm.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: Tuesday, June 02, 2009 Phone: 575-748-4217	2RP-303	

Attach Additional Sheets If Necessary

JUN -2 2009

MARTIN YATES, III

1912-1985

FRANK W. YATES

1936-1986

S.P. YATES

1914-2008

JOHN A. YATES  
CHAIRMAN OF THE BOARD  
PRESIDENTDAVID LANNING  
CHIEF OPERATING OFFICER105 SOUTH FOURTH STREET  
ARTESIA, NEW MEXICO 88210-2118  
TELEPHONE (575) 748-1471

June 2, 2009

Mr. Mike Bratcher  
NMOCD District II  
1301 West Grand  
Artesia, NM 88210Re: J Lazy J #13  
30-015-21821  
Section 22 T17S-R25E  
Eddy County, New Mexico

Dear Mr. Bratcher,

Enclosed please find a Form C-141, Final Report for the above captioned site. Samples were taken per your request on 5/21/2009 and sent to an OCD approved laboratory. I have enclosed the results of those samples for your review. Results from the delineation indicate decreased levels of chlorides in the SW corner of excavation and decreased levels of BTEX/TPH in south sidewall area of the conduit. Due to the gravel material in the area of the south sidewall and bottom southwest corner of the excavation, there appears to be small scattered isolated pockets of contamination. Because these pockets are small in nature with decreased levels of concentration, of these mainly are diesel range organics (DRO), and approximately 20ft below ground level with a depth to groundwater of 200ft, there should not be a threat to ground water, surface water, human health or the environment. The greater threat could be the current open excavation in the area of the Eagle Creek flood control structure. Site ranking is zero (0), with the depth to ground water is >100' (approximately 200'). Based on the information presented above, Yates Petroleum Corporation requests closure of this site. When final approval is granted Yates will have a contractor backfill excavation area with clean and stockpiled materials.

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)RANDY G. PATTERSON  
SECRETARYDENNIS G. KINSEY  
TREASURER

LOUISE TRACY  
EDDY COUNTY FLOOD COMMISSIONER  
BOX 700  
CARLSBAD, NEW MEXICO 88221  
575-885-4857  
464flt2@windstream.net

April 29, 2009

Jerry Fanning, Jr.  
Yates Petroleum Building  
105 South Street  
Artesia, New Mexico 88210

Re: Yates Petroleum pipeline crossing – gas leak following the pipeline between  
Drops # 2 and #3 (200' east of #2 on the north side of the Eagle Draw Channel)

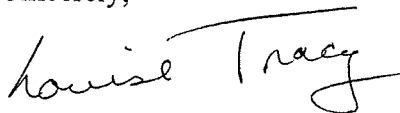
Dear Mr. Fanning,

Thank you very much for contacting Don Alam concerning the above referenced gas pipeline leak. It is very important to maintain the integrity of the Channel and your cooperation is greatly appreciated.

It is important that the sides and the bottom of the Channel not be disturbed in order to insure that no environmental damage is caused. Digging test holes either on the sides or bottom will cause environmental damage which we wish to avoid. It is very important that in re-filling the required test holes to insure that the compaction is such that no piping holes can occur and to make sure the drainage is away from the edge of the Channel.

Again I appreciate your timely notification of Mr. Alam concerning the leak and getting his input of the proper repairs to insure that the integrity of the Channel is maintained.

Sincerely,



Louise Tracy  
Eddy County Flood Commissioner

New Mexico Office of the State Engineer  
Point of Diversion Summary

[Back](#)

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are biggest to smallest)

POD Number	Tws	Rng	Sec	q	q	q	Zone	X	Y
RA 04008	17S	25E	22	2	4	2			

Driller Licence: 62 BEATTY, J.R.

Driller Name: W. BEATTY

Source: Shallow

Drill Start Date: 02/24/1959

Drill Finish Date: 03/01/1959

Log File Date: 03/12/1959

PCW Received Date:

Pump Type:

Pipe Discharge Size:

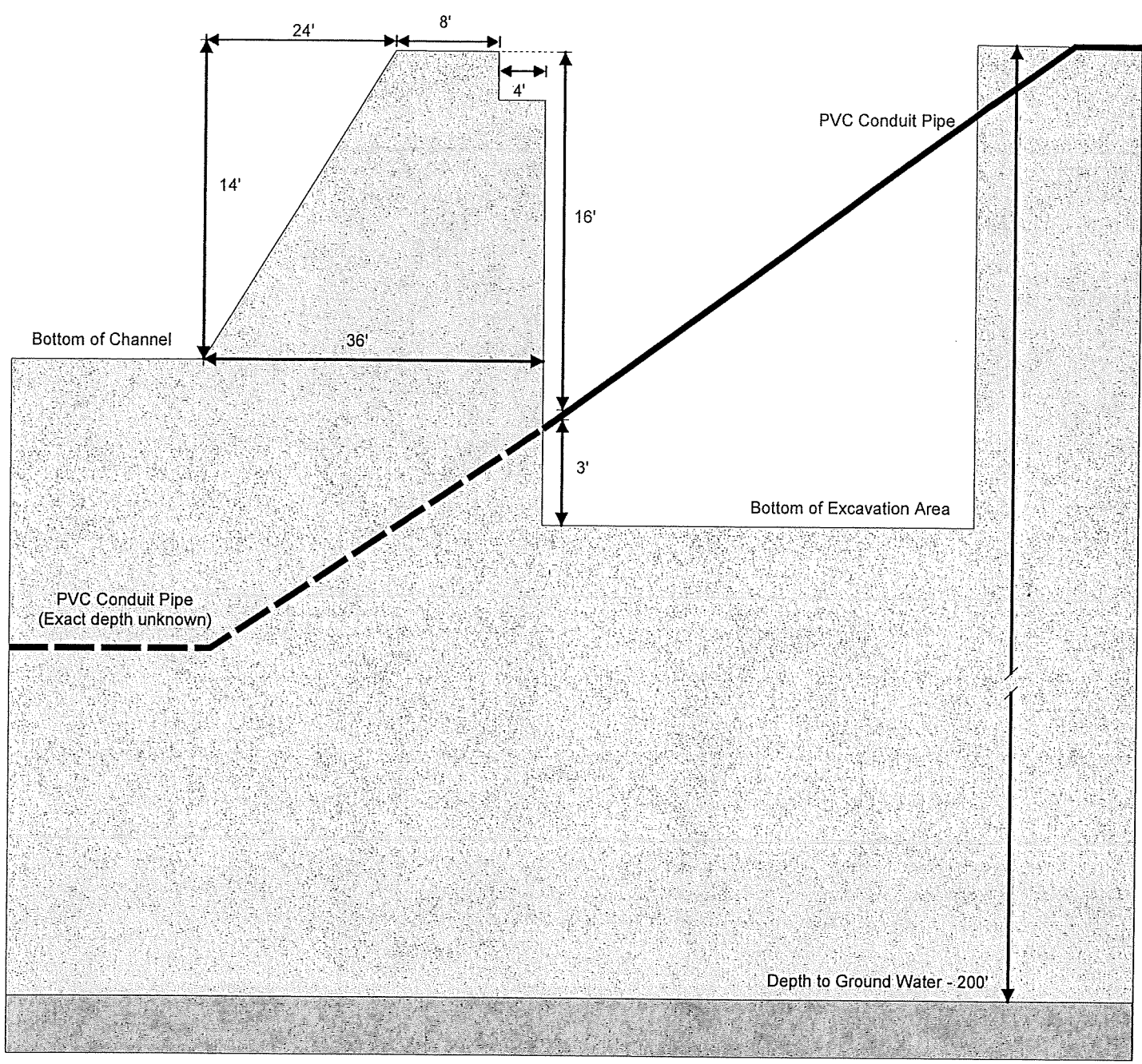
Casing Size: 7

Estimated Yield:

Depth Well: 325

Depth Water: 200

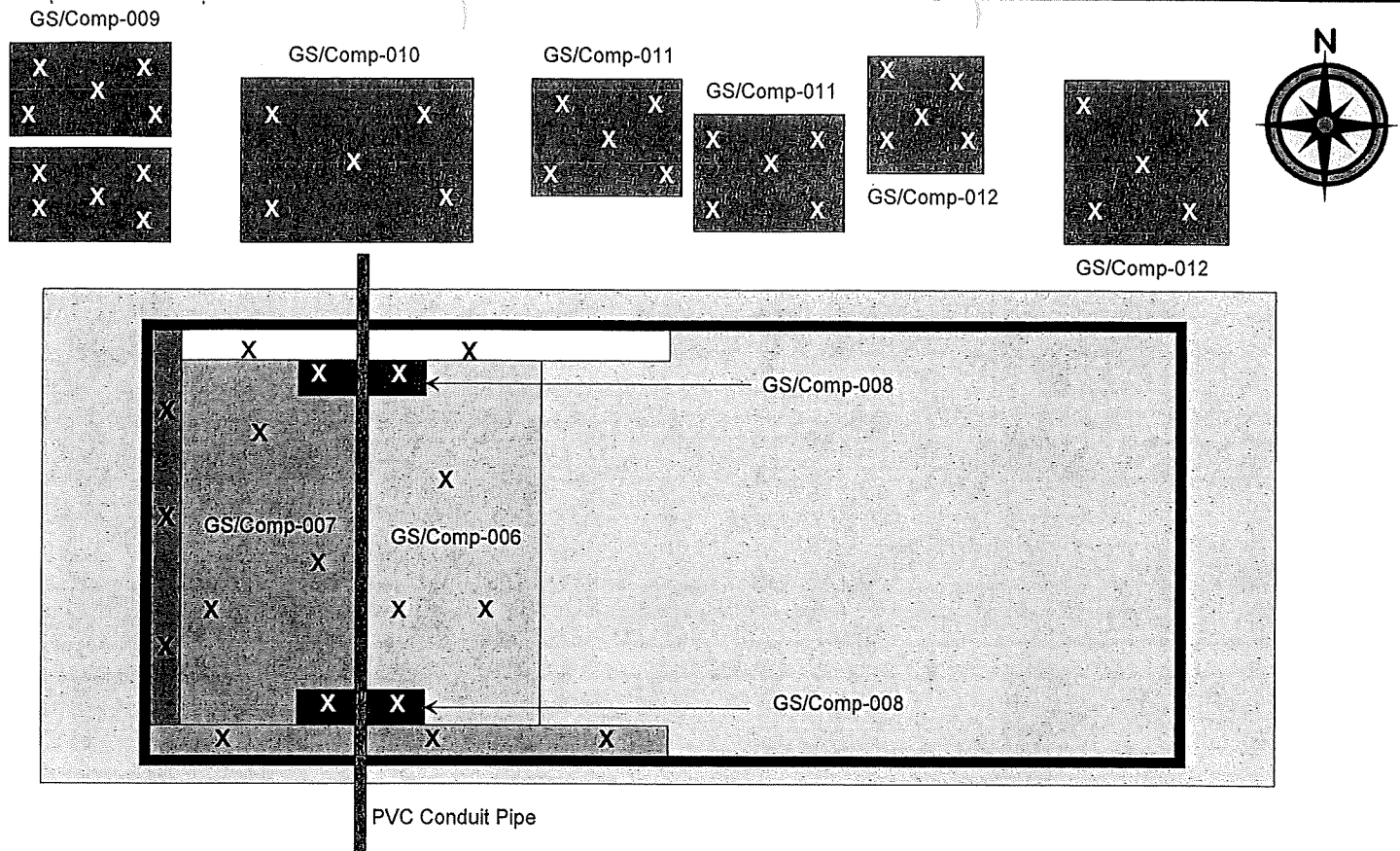
Water Bearing Stratifications:	Top	Bottom	Description
	230	250	Sandstone/Gravel/Conglomerate
Casing Perforations:	Top	Bottom	
	230	250	



J Lazy J #13  
30-015-21821  
Section 22, T17S-R25E  
Eddy County, NM

**SIDE VIEW DIAGRAM (Not to Scale)**

Diagram Date: 1-JUN-09  
Prepared by Robert Asher  
Environmental Regulatory Agent



Sample ID	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
GS/Comp-001	South Sidewall	1/22/2009	Grab/Auger	14' x 1'	99.905	2080	4360	6440	6620
GS/Comp-002	South Sidewall	1/22/2009	Grab/Auger	14' x 2'	36.713	1360	3010	4370	5120
GS/Comp-003	South Sidewall	1/22/2009	Grab/Auger	14' x 3'	9.7591	394	1240	1634	503
GS/Comp-004	North Sidewall	1/22/2009	Grab/Auger	15' x 1'	ND	ND	ND	ND	ND
GS/Comp-005	West Sidewall	1/22/2009	Grab/Shovel	14' x 1'	24.724	1300	3570	4870	778
GS/Comp-006	Bottom/East of Conduit	1/22/2009	Grab/Shovel	1' (17' BGL)	47.785	1630	3980	5610	10700
GS/Comp-007	Bottom/West of Conduit	1/22/2009	Grab/Shovel	1' (17' BGL)	47.047	2050	6050	8100	7560
GS/Comp-008	North & South side ends of conduit	1/22/2009	Grab/Shovel	14' x 1'	202.9	6170	15300	21470	11500
GS/Comp-009	Stockpile/NW Corner	1/22/2009	Grab/Shovel	1'	7.821	348	3620	3968	3140
GS/Comp-010	Stockpile/North Side	1/22/2009	Grab/Shovel	1'	0.0273	48.1	1110	1158.1	727
GS/Comp-011	Stockpile/NE Corner	1/22/2009	Grab/Shovel	1'	ND	ND	ND	ND	166
GS/Comp-012	Stockpile/East side	1/22/2009	Grab/Shovel	1'	ND	ND	ND	ND	15.8

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 200'). All results are ppm.  
Chloride results are for reference



**J Lazy J #13**  
Section 22, T17S-R25E  
Eddy County, NM

#### SAMPLE DIAGRAM (Not to Scale)

Xenco Report #: 323168 & 323169  
Sample Date: 1/22/2009  
Report Date: 30-JAN-09

Prepared by Robert Asher  
Environmental Regulatory Agent

# Analytical Report 323168

for

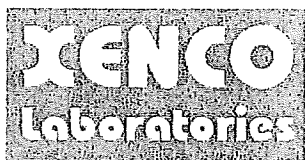
**Yates Petroleum Corporation**

**Project Manager: Robert Asher**

**J Lazy J # 13**

**30-015-21821**

**30-JAN-09**



**12600 West I-20 East Odessa, Texas 79765**

Texas certification numbers:

Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-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 - Tampa - Miami - Latin America  
Midland - Corpus Christi - Atlanta



30-JAN-09

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

Reference: XENCO Report No: **323168**  
**J Lazy J # 13**  
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 323168. 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. 323168 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 323168



Yates Petroleum Corporation, Artesia, NM

J Lazy J # 13

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Jan-22-09 09:48	1 - 1 ft	323168-001
GS/Comp-002	S	Jan-22-09 09:59	2 - 2 ft	323168-002
GS/Comp-003	S	Jan-22-09 10:08	3 - 3 ft	323168-003
GS/Comp-004	S	Jan-22-09 10:49	1 - 1 ft	323168-004
GS/Comp-005	S	Jan-22-09 11:18	1 - 1 ft	323168-005
GS/Comp-006	S	Jan-22-09 11:33	1 - 1 ft	323168-006
GS/Comp-007	S	Jan-22-09 11:38	1 - 1 ft	323168-007
GS/Comp-008	S	Jan-22-09 12:00	1 - 1 ft	323168-008
GS/Comp-009	S	Jan-22-09 12:21	1 - 1 ft	323168-009
GS/Comp-010	S	Jan-22-09 12:24	1 - 1 ft	323168-010
GS/Comp-011	S	Jan-22-09 12:28	1 - 1 ft	323168-011
GS/Comp-012	S	Jan-22-09 12:31	1 - 1 ft	323168-012

Certificate of Analysis Summary 323168  
Yates Petroleum Corporation, Artesia, NM



Project Id: 30-015-21821  
Contact: Robert Asher  
Project Location: Eddy County

Project Name: J Lazy J # 13

Date Received in Lab: Fri Jan-23-09 09:40 am

Report Date: 30-JAN-09

Project Manager: Brent Barron, II

Analysis Requested		Lab Id:	323168-001	323168-002	323168-003	323168-004	323168-005	323168-006
		Field Id:	GS/Comp-001	GS/Comp-002	GS/Comp-003	GS/Comp-004	GS/Comp-005	GS/Comp-006
		Depth:	1-1 ft	2-2 ft	3-3 ft	1-1 ft	1-1 ft	1-1 ft
		Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sampled:	Jan-22-09 09:48	Jan-22-09 09:59	Jan-22-09 10:08	Jan-22-09 10:49	Jan-22-09 11:18	Jan-22-09 11:33
BTEx by EPA 8021B	Extracted:	Jan-27-09 16:00	Jan-27-09 16:00	Jan-27-09 16:00	Jan-26-09 15:15	Jan-26-09 15:15	Jan-26-09 15:15	Jan-26-09 15:15
	Analyzed:	Jan-28-09 14:45	Jan-28-09 14:45	Jan-28-09 15:26	Jan-26-09 18:39	Jan-26-09 21:49	Jan-26-09 22:10	Jan-26-09 22:10
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
	Benzene	2.555 0.1166	0.5079 0.1149	ND 0.0568	ND 0.0012	ND 0.0012	ND 0.0570	0.1262 0.0576
	Toluene	29.74 0.2332	1.692 0.2298	0.3951 0.1135	ND 0.0023	ND 0.0023	1.436 0.1140	0.4629 0.1153
Percent Moisture	Ethylbenzene	15.17 0.1166	3.993 0.1149	1.314 0.0568	ND 0.0012	ND 0.0012	4.644 0.0570	6.546 0.0576
	m,p-Xylenes	39.79 0.2332	18.56 0.2298	4.713 0.1135	ND 0.0023	ND 0.0023	16.45 0.1140	21.88 0.1153
	o-Xylene	12.65 0.1166	11.96 0.1149	3.337 0.0568	ND 0.0012	ND 0.0012	2.194 0.0570	18.77 0.0576
Total Xylenes		52.44 0.2332	30.52 0.2298	8.05 0.1135	ND 0.0023	ND 0.0023	18.644 0.1140	40.65 0.1153
	Total BTEx	99.905 0.1166	36.7129 0.1149	9.7591 0.0568	ND 0.0012	ND 0.0012	24.724 0.0570	47.7851 0.0576
Percent Moisture		Jan-23-09 17:00	Jan-23-09 17:00	Jan-23-09 17:00	Jan-23-09 17:00	Jan-23-09 17:00	Jan-23-09 17:00	Jan-23-09 17:00
TPH By SW8015B Mod	Extracted:	% RL	% RL	% RL	% RL	% RL	% RL	% RL
	Analyzed:	14.23 1.00	12.98 1.00	11.93 1.00	13.26 1.00	12.28 1.00	13.26 1.00	13.26 1.00
	Units/RL:							
	Extracted:	Jan-23-09 14:30	Jan-23-09 14:30	Jan-23-09 14:30	Jan-23-09 14:30	Jan-23-09 14:30	Jan-23-09 14:30	Jan-23-09 14:30
	Analyzed:	Jan-23-09 16:46	Jan-23-09 17:10	Jan-23-09 17:34	Jan-23-09 17:58	Jan-23-09 18:22	Jan-23-09 18:47	Jan-23-09 18:47
C6-C10 Gasoline Range Hydrocarbons	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
		2080 175	1360 172	394 85.2	ND 17.3	1300 171	1630 173	1630 173
	C10-C28 Diesel Range Hydrocarbons	4360 175	3010 172	1240 85.2	ND 17.3	3370 171	3980 173	3980 173
Total TPH		6440 175	4370 172	1634 85.2	ND 17.3	4870 171	5610 173	5610 173

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

## Certificate of Analysis Summary 323168

Yates Petroleum Corporation, Artesia, NM

Project Name: J Lazy J # 13

Project Id: 30-015-21821  
 Contact: Robert Asher  
 Project Location: Eddy County

Date Received in Lab: Fri Jan-23-09 09:40 am


Report Date: 30-JAN-09

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	323168-007	323168-008	323168-009	323168-010	323168-011	323168-012
	Field Id:	GS/Comp-007	GS/Comp-008	GS/Comp-009	GS/Comp-010	GS/Comp-011	GS/Comp-012
	Depth:	1-1 ft	1-1 ft	1-1 ft	1-1 ft	1-1 ft	1-1 ft
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sampled:	Jan-22-09 11:38	Jan-22-09 12:00	Jan-22-09 12:21	Jan-22-09 12:24	Jan-22-09 12:28	Jan-22-09 12:31
BTEX by EPA 8021B	Extracted:	Jan-26-09 15:15	Jan-27-09 16:00	Jan-26-09 15:15	Jan-26-09 15:15	Jan-26-09 15:15	Jan-26-09 15:15
	Analyzed:	Jan-26-09 22:53	Jan-28-09 16:41	Jan-27-09 00:17	Jan-26-09 19:00	Jan-26-09 17:56	Jan-26-09 18:18
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
		0.3696 0.0579	2.890 0.3026	ND 0.0548	ND 0.0011	ND 0.0011	ND 0.0010
		0.6935 0.1159	73.44 0.6052	0.4482 0.1096	ND 0.0021	ND 0.0022	ND 0.0021
Percent Moisture		6.834 0.0579	108.8 0.3026	0.8208 0.0548	0.0022 0.0011	ND 0.0011	ND 0.0010
		21.60 0.1159	9.768 0.6052	3.536 0.1096	0.0117 0.0021	ND 0.0022	ND 0.0021
		17.55 0.0579	8.000 0.3026	3.016 0.0548	0.0134 0.0011	ND 0.0011	ND 0.0010
		39.15 0.1159	17.768 0.6052	6.552 0.1096	0.0251 0.0021	ND 0.0022	ND 0.0021
		47.0471 0.0579	202.898 0.3026	7.821 0.0548	0.0273 0.0011	ND 0.0011	ND 0.0010
TPH By SW8015B Mod	Extracted:	Jan-23-09 17:00	Jan-23-09 17:00	Jan-23-09 17:00	Jan-23-09 17:00	Jan-23-09 17:00	Jan-23-09 17:00
	Analyzed:	Jan-23-09 14:30	Jan-23-09 14:30	Jan-23-09 14:30	Jan-23-09 14:30	Jan-23-09 14:30	Jan-23-09 14:30
	Units/RL:	% RL	% RL	% RL	% RL	% RL	% RL
		13.70 1.00	17.38 1.00	8.75 1.00	6.77 1.00	7.03 1.00	4.70 1.00
		Jan-23-09 14:30	Jan-23-09 14:30	Jan-23-09 14:30	Jan-23-09 14:30	Jan-23-09 14:30	Jan-23-09 14:30
C6-C10 Gasoline Range Hydrocarbons	Extracted:	Jan-23-09 19:11	Jan-23-09 19:36	Jan-23-09 20:01	Jan-23-09 20:25	Jan-23-09 21:14	Jan-23-09 21:39
	Analyzed:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
		2030 86.9	6170 182	348 82.2	48.1 16.1	ND 16.1	ND 15.7
		6030 86.9	15300 182	3620 82.2	1110 16.1	ND 16.1	ND 15.7
		8100 86.9	21470 182	3968 82.2	1158.1 16.1	ND 16.1	ND 15.7

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 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.
- \* 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

4143 Greenbriar Dr, Stafford, Tx 77477  
9701 Harry Hines Blvd , Dallas, TX 75220  
5332 Blackberry Drive, San Antonio TX 78238  
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

# Analytical Report 323169

for

Yates Petroleum Corporation

Project Manager: Robert Asher

J Lazy J # 13

30-015-21821

26-JAN-09



12600 West I-20 East Odessa, Texas 79765

Texas certification numbers:

Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-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 - Tampa - Miami - Latin America  
Midland - Corpus Christi - Atlanta



26-JAN-09

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

Reference: XENCO Report No: **323169**  
**J Lazy J # 13**  
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 323169. 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. 323169 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 323169



Yates Petroleum Corporation, Artesia, NM

J Lazy J # 13

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Jan-22-09 09:48	1 - 1 ft	323169-001
GS/Comp-002	S	Jan-22-09 09:59	2 - 2 ft	323169-002
GS/Comp-003	S	Jan-22-09 10:08	3 - 3 ft	323169-003
GS/Comp-004	S	Jan-22-09 10:49	1 - 1 ft	323169-004
GS/Comp-005	S	Jan-22-09 11:18	1 - 1 ft	323169-005
GS/Comp-006	S	Jan-22-09 11:33	1 - 1 ft	323169-006
GS/Comp-007	S	Jan-22-09 11:38	1 - 1 ft	323169-007
GS/Comp-008	S	Jan-22-09 12:00	1 - 1 ft	323169-008
GS/Comp-009	S	Jan-22-09 12:21	1 - 1 ft	323169-009
GS/Comp-010	S	Jan-22-09 12:24	1 - 1 ft	323169-010
GS/Comp-011	S	Jan-22-09 12:28	1 - 1 ft	323169-011
GS/Comp-012	S	Jan-22-09 12:31	1 - 1 ft	323169-012

# Certificate of Analysis Summary 323169

## Yates Petroleum Corporation, Artesia, NM

Project Name: J Lazy J # 13

Project Id: 30-015-21821  
 Contact: Robert Asher  
 Project Location: Eddy County

Date Received in Lab: Fri Jan-23-09 09:40 am


Report Date: 26-JAN-09

Project Manager: Brent Barron, II

Analysis Requested		Lab Id:	323169-001	323169-002	323169-003	323169-004	323169-005	323169-006
		Field Id:	GS/Comp-001	GS/Comp-002	GS/Comp-003	GS/Comp-004	GS/Comp-005	GS/Comp-006
		Depth:	1-1 ft	2-2 ft	3-3 ft	1-1 ft	1-1 ft	1-1 ft
		Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sampled:	Jan-22-09 09:48	Jan-22-09 09:59	Jan-22-09 10:08	Jan-22-09 10:49	Jan-22-09 11:18	Jan-22-09 11:33
Anions by EPA 300		Extracted:						
		Analyzed:	Jan-23-09 11:26	Jan-23-09 11:26	Jan-23-09 11:26	Jan-23-09 11:26	Jan-23-09 11:26	Jan-23-09 11:26
		Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride			6620 100	5120 100	503 10.0	ND 10.0	778 20.0	10700 200
Percent Moisture		Extracted:						
		Analyzed:	Jan-23-09 17:00	Jan-23-09 17:00	Jan-23-09 17:00	Jan-23-09 17:00	Jan-23-09 17:00	Jan-23-09 17:00
		Units/RL:	% RL	% RL	% RL	% RL	% RL	% RL
Percent Moisture			14.23 1.00	12.98 1.00	11.93 1.00	13.26 1.00	12.28 1.00	13.26 1.00

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

# Certificate of Analysis Summary 323169

## Yates Petroleum Corporation, Artesia, NM

Project Name: J Lazy J # 13

Project Id: 30-015-21821  
 Contact: Robert Asher  
 Project Location: Eddy County

Date Received in Lab: Fri Jan-23-09 09:40 am

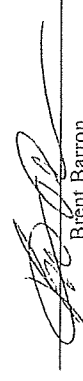
Report Date: 26-JAN-09

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:		323169-007		323169-008		323169-009		323169-010		323169-011		323169-012	
	Field Id:	Depth:	GS/Comp-007	1-1 ft	GS/Comp-008	1-1 ft	GS/Comp-009	1-1 ft	GS/Comp-010	1-1 ft	GS/Comp-011	1-1 ft	GS/Comp-012	1-1 ft
	Matrix:	SOIL			SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Jan-22-09 11:38			Jan-22-09 12:00		Jan-22-09 12:21		Jan-22-09 12:24		Jan-22-09 12:28		Jan-22-09 12:31	
Anions by EPA 300	Extracted:													
	Analyzed:	Jan-23-09 11:26			Jan-23-09 11:26		Jan-23-09 11:26		Jan-23-09 11:26		Jan-23-09 11:26		Jan-23-09 11:26	
	Units/RL:	mg/kg	RL	7560	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
				100			3140	50.0	727	20.0	166	5.00	15.8	5.00
Percent Moisture	Extracted:													
	Analyzed:	Jan-23-09 17:00			Jan-23-09 17:00		Jan-23-09 17:00		Jan-23-09 17:00		Jan-23-09 17:00		Jan-23-09 17:00	
	Units/RL:	%	RL	13.70	%	RL	%	RL	%	RL	%	RL	%	RL
				1.00			8.75	1.00	6.77	1.00	7.03	1.00	4.70	1.00
Percent Moisture														

This analytical report, and the online 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 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.
- \* 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

4143 Greenbriar Dr, Stafford, Tx 77477  
 9701 Harry Hines Blvd , Dallas, TX 75220  
 5332 Blackberry Drive, San Antonio TX 78238  
 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: 432-553-1800  
Fax: 432-563-1713

**Project Manager:** Robert Asner

Project Name: J Lazy J #13

Company Name	Yates Petroleum Corporation
--------------	-----------------------------

Project #: 30-015-21821

Company Address: 105 South 4th Street

Project Loc: Eddy County

City/State/Zip: Alameda, NM 88210

PO #: 105832

Telephone No. 505-748-4212.

Fax No: 505-748-4662

**Sampler Signature:**

e-mail: [boba@vpcnm.com](mailto:boba@vpcnm.com)

lab use only)

1701

[illegible]

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

Client: Yates, Pct.  
Date/ Time: 4/2/2023 6:40  
Lab ID #: 323108 / 323109  
Initials: quid

Sample Receipt Checklist

				Client Initials
#1	Temperature of container/ cooler?	(Yes)	No	40 °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

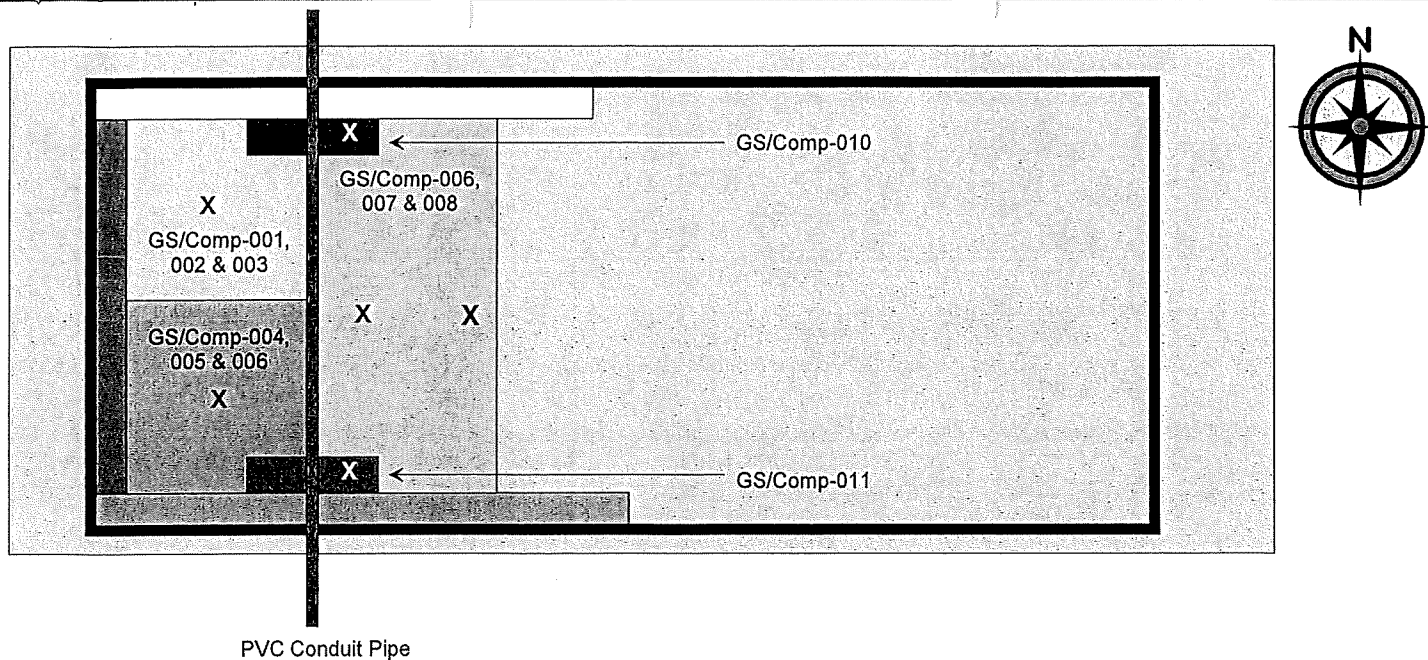
Variance Documentation

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



Sample ID	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
GS/Comp-002	South Sidewall	1/22/2009	Grab/Auger	14' x 2'	36.713	1360	3010	4370	5120
GS/Comp-003	South Sidewall	1/22/2009	Grab/Auger	14' x 3'	9.7591	394	1240	1634	503
GS/Comp-004	North Sidewall	1/22/2009	Grab/Auger	15' x 1'	ND	ND	ND	ND	ND
GS/Comp-005	West Sidewall	1/22/2009	Grab/Shovel	14' x 1'	24.724	1300	3570	4870	778

Sample ID	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
GS/Comp-001	Bottom/NW Corner	2/5/2009	Grab	1' (20' BGL)	ND	ND	ND	ND	6.23
GS/Comp-002	Bottom/NW Corner	2/5/2009	Grab	2' (21' BGL)	9.2094	250	1050	1300	29.3
GS/Comp-003	Bottom/NW Corner	2/5/2009	Grab	3' (22' BGL)	0.0063	22.8	125	147.8	32.3
GS/Comp-004	Bottom/SW Corner	2/5/2009	Grab	1' (20' BGL)	119.6	2050	6050	8100	322
GS/Comp-005	Bottom/SW Corner	2/5/2009	Grab	2' (21' BGL)	125.07	2240	4710	6950	17800
GS/Comp-006	Bottom/SW Corner	2/5/2009	Grab	3' (22' BGL)	71.42	2100	5200	7300	16800
GS/Comp-007	Bottom/East of Conduit	2/5/2009	Grab	1' (20' BGL)	38.5	1630	4310	5940	633
GS/Comp-008	Bottom/East of Conduit	2/5/2009	Grab	2' (21' BGL)	20.04	497	1920	2417	462
GS/Comp-009	Bottom/East of Conduit	2/5/2009	Grab	3' (22' BGL)	0.0375	58.2	264	322.2	111
GS/Comp-010	North side end of conduit	2/5/2009	Grab	19' X 2'	113.2	3620	8970	12590	989
GS/Comp-011	South side end of conduit	2/5/2009	Grab	19' X 2'	281.96	7680	16100	23780	5210

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 200'). All results are ppm.  
Chloride results are for reference



**J Lazy J #13**  
Section 22, T17S-R25E  
Eddy County, NM

#### SAMPLE DIAGRAM (Not to Scale)

Xenco Report #: 324302 & 324303  
Sample Date: 2/5/2009  
Report Date: 12-FEB-09

Prepared by Robert Asher  
Environmental Regulatory Agent

# Analytical Report 324302

for

Yates Petroleum Corporation

Project Manager: Robert Asher

J Lazy J # 13

30-015-21821

12-FEB-09



12600 West I-20 East Odessa, Texas 79765

Texas certification numbers:

Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-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 - Tampa - Miami - Latin America

Midland - Corpus Christi - Atlanta



12-FEB-09

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

Reference: XENCO Report No: **324302**  
**J Lazy J # 13**  
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 324302. 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. 324302 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 324302



Yates Petroleum Corporation, Artesia, NM  
J Lazy J # 13

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Feb-05-09 09:20	1 - 1 ft	324302-001
GS/Comp-002	S	Feb-05-09 09:24	2 - 2 ft	324302-002
GS/Comp-003	S	Feb-05-09 09:27	3 - 3 ft	324302-003
GS/Comp-004	S	Feb-05-09 09:30	1 - 1 ft	324302-004
GS/Comp-005	S	Feb-05-09 09:33	2 - 2 ft	324302-005
GS/Comp-006	S	Feb-05-09 09:35	3 - 3 ft	324302-006
GS/Comp-007	S	Feb-05-09 09:40	1 - 1 ft	324302-007
GS/Comp-008	S	Feb-05-09 09:45	2 - 2 ft	324302-008
GS/Comp-009	S	Feb-05-09 09:50	3 - 3 ft	324302-009
GS/Comp-010	S	Feb-05-09 10:10	2 - 2 ft	324302-010
GS/Comp-011	S	Feb-05-09 10:20	2 - 2 ft	324302-011

# Certificate of Analysis Summary 324302

## Yates Petroleum Corporation, Artesia, NM

Project Id: 30-015-21821  
 Contact: Robert Asher  
 Project Location: Eddy County

Project Name: J Lazy J # 13


Date Received in Lab: Fri Feb-06-09 10:10 am  
 Report Date: 12-FEB-09

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:		324302-001	324302-002	324302-003	324302-004	324302-005	324302-006
	Field Id:	Depth:	GS/Comp-001	GS/Comp-002	GS/Comp-003	GS/Comp-004	GS/Comp-005	GS/Comp-006
			1-1 ft	2-2 ft	3-3 ft	1-1 ft	2-2 ft	3-3 ft
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sampled:		Feb-05-09 09:20	Feb-05-09 09:24	Feb-05-09 09:27	Feb-05-09 09:30	Feb-05-09 09:33	Feb-05-09 09:35
BTEX by EPA 8021B	Extracted:		Feb-10-09 16:30	Feb-06-09 11:00	Feb-10-09 16:30	Feb-10-09 16:30	Feb-10-09 16:30	Feb-10-09 16:30
	Analyzed:		Feb-10-09 21:58	Feb-06-09 16:29	Feb-10-09 22:18	Feb-10-09 23:00	Feb-10-09 23:20	Feb-10-09 23:41
	Units/RL:		mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
			ND 0.0011	0.1293 0.0557	ND 0.0012	1.166 0.1160	1.302 0.1211	0.5728 0.1169
			ND 0.0022	1.195 0.1115	ND 0.0023	11.28 0.2320	12.30 0.2422	6.631 0.2338
Percent Moisture			ND 0.0011	1.445 0.0537	ND 0.0012	16.89 0.1160	17.98 0.1211	9.835 0.1169
			ND 0.0022	5.589 0.1115	0.0039 0.0023	50.35 0.2320	52.88 0.2422	31.05 0.2338
			ND 0.0011	0.8511 0.0557	0.0024 0.0012	39.91 0.1160	40.61 0.1211	23.33 0.1169
			ND 0.0022	6.4401 0.1000	0.0063 0.0023	90.26 0.2320	93.49 0.2422	54.38 0.2338
			ND 0.0011	9.2094 0.0500	0.0063 0.0012	119.596 0.1160	125.072 0.1211	71.4188 0.1169
TPH By SW8015B Mod	Extracted:		Feb-06-09 17:45	Feb-06-09 17:45	Feb-06-09 17:45	Feb-06-09 17:45	Feb-06-09 17:45	Feb-06-09 17:45
	Analyzed:		Feb-08-09 11:46	Feb-08-09 11:46	Feb-08-09 11:46	Feb-08-09 11:46	Feb-08-09 11:46	Feb-08-09 11:46
	Units/RL:		mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
			ND 16.8	250 16.7	22.8 17.6	2590 174	2240 182	2100 87.7
			ND 16.8	1050 16.7	125 17.6	6080 174	4710 182	5200 87.7
Total TPH			ND 15.0	1300 15.0	147.8 15.0	8670 150	6950 150	7300 75.0

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

## Certificate of Analysis Summary 324302

Yates Petroleum Corporation, Artesia, NM

Project Name: J Lazy J # 13

Project Id: 30-015-21821

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Fri Feb-06-09 10:10 am

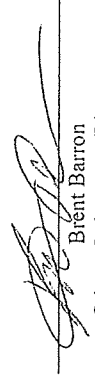
Report Date: 12-FEB-09

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:		324302-007	324302-008	324302-009	324302-010	324302-011
	Field Id:	Depth:	GS/Comp-007	GS/Comp-008	GS/Comp-009	GS/Comp-010	GS/Comp-011
			1-1 ft	2-2 ft	3-3 ft	2-2 ft	2-2 ft
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sampled:	Feb-05-09 09:40	Feb-05-09 09:45	Feb-05-09 09:50	Feb-05-09 10:10	Feb-05-09 10:20	Feb-05-09 10:20
BTEX by EPA 8021B	Extracted:	Feb-10-09 16:30	Feb-10-09 11:00	Feb-10-09 16:30	Feb-11-09 09:00	Feb-10-09 16:30	Feb-10-09 16:30
	Analyzed:	Feb-11-09 00:01	Feb-06-09 21:24	Feb-10-09 22:39	Feb-11-09 17:24	Feb-11-09 00:42	Feb-11-09 00:42
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
		ND 0.1144	0.3119 0.0554	ND 0.0011	ND 0.2294	12.03 0.2217	12.03 0.2217
		1.914 0.2287	1.721 0.1108	ND 0.0022	9.351 0.4588	33.14 0.4435	33.14 0.4435
Percent Moisture		5.190 0.1144	2.659 0.0554	0.0030 0.0011	16.37 0.2294	38.94 0.2217	38.94 0.2217
		17.92 0.2287	8.838 0.1108	0.0154 0.0022	50.31 0.4588	111.7 0.4435	111.7 0.4435
		13.48 0.1144	6.515 0.0554	0.0191 0.0011	37.17 0.2294	86.15 0.2217	86.15 0.2217
		31.4 0.2287	15.353 0.1000	0.0345 0.0022	87.48 0.4588	197.85 0.4435	197.85 0.4435
		38.504 0.1144	20.0449 0.0500	0.0375 0.0011	113.201 0.2294	281.96 0.2217	281.96 0.2217
TPH By SW8015B Mod	Extracted:	Feb-06-09 17:45	Feb-06-09 17:45	Feb-06-09 17:45	Feb-06-09 17:45	Feb-06-09 17:45	Feb-06-09 17:45
	Analyzed:	Feb-08-09 11:46	Feb-08-09 11:46	Feb-08-09 11:46	Feb-08-09 11:46	Feb-08-09 11:46	Feb-08-09 11:46
	Units/RL:	% RL	% RL	% RL	% RL	% RL	% RL
		12.6	9.74	11	12.8	9.8	9.8
		1630 85.8	497 83.1	58.2 16.9	3620 172	7680 166	7680 166
Total TPH		4310 85.8	1920 83.1	264 16.9	8970 172	16100 166	16100 166
		5940 75.0	2417 75.0	322.2 15.0	12590 150	23780 150	23780 150

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 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.
- \* 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

4143 Greenbriar Dr, Stafford, Tx 77477  
9701 Harry Hines Blvd , Dallas, TX 75220  
5332 Blackberry Drive, San Antonio TX 78238  
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

# Analytical Report 324303

for

**Yates Petroleum Corporation**

**Project Manager: Robert Asher**

**J Lazy J # 13**

**03-015-21821**

**12-FEB-09**



**12600 West I-20 East Odessa, Texas 79765**

Texas certification numbers:

Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-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 - Tampa - Miami - Latin America

Midland - Corpus Christi - Atlanta



12-FEB-09

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

Reference: XENCO Report No: **324303**  
**J Lazy J # 13**  
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 324303. 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. 324303 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 324303



Yates Petroleum Corporation, Artesia, NM  
J Lazy J # 13

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Feb-05-09 09:20	1 - 1 ft	324303-001
GS/Comp-002	S	Feb-05-09 09:24	2 - 2 ft	324303-002
GS/Comp-003	S	Feb-05-09 09:27	3 - 3 ft	324303-003
GS/Comp-004	S	Feb-05-09 09:30	1 - 1 ft	324303-004
GS/Comp-005	S	Feb-05-09 09:33	2 - 2 ft	324303-005
GS/Comp-006	S	Feb-05-09 09:35	3 - 3 ft	324303-006
GS/Comp-007	S	Feb-05-09 09:40	1 - 1 ft	324303-007
GS/Comp-008	S	Feb-05-09 09:45	2 - 2 ft	324303-008
GS/Comp-009	S	Feb-05-09 09:50	3 - 3 ft	324303-009
GS/Comp-010	S	Feb-05-09 10:10	2 - 2 ft	324303-010
GS/Comp-011	S	Feb-05-09 10:20	2 - 2 ft	324303-011

# Certificate of Analysis Summary 324303

## Yates Petroleum Corporation, Artesia, NM

Project Name: J Lazy J # 13

Project Id: 03-015-21821  
 Contact: Robert Asher  
 Project Location: Eddy County

Date Received in Lab: Fri Feb-06-09 10:10 am


Report Date: 12-FEB-09

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:		324303-001		324303-002		324303-003		324303-004		324303-005		324303-006	
	Field Id:	Depth:	GS/Comp-001	1-1 ft	GS/Comp-002	2-2 ft	GS/Comp-003	3-3 ft	GS/Comp-004	1-1 ft	GS/Comp-005	2-2 ft	GS/Comp-006	3-3 ft
	Matrix:		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:		Feb-05-09 09:20		Feb-05-09 09:24		Feb-05-09 09:27		Feb-05-09 09:30		Feb-05-09 09:33		Feb-05-09 09:35	
Anions by EPA 300	Extracted:													
	Analyzed:													
	Units/RL:		mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
			6.23	5.59	29.3	5.57	32.3	5.87	322	232	17800	242	16800	234
Percent Moisture	Extracted:													
	Analyzed:													
	Units/RL:		%	RL	%	RL	%	RL	%	RL	%	RL	%	RL
			10.5		10.3		14.8		13.8		17.4		14.5	

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

# Certificate of Analysis Summary 324303

Yates Petroleum Corporation, Artesia, NM

Project Name: J Lazy J # 13

Project Id: 03-015-21821  
Contact: Robert Asher  
Project Location: Eddy County

Date Received in Lab: Fri Feb-06-09 10:10 am


Report Date: 12-FEB-09

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	324303-007	324303-008	324303-009	324303-010	324303-011
	Field Id:	GS/Comp-007	GS/Comp-008	GS/Comp-009	GS/Comp-010	GS/Comp-011
	Depth:	1-1 ft	2-2 ft	3-3 ft	2-2 ft	2-2 ft
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL
	Sampled:	Feb-05-09 09:40	Feb-05-09 09:45	Feb-05-09 09:50	Feb-05-09 10:10	Feb-05-09 10:20
Anions by EPA 300	Extracted:					
	Analyzed:	Feb-06-09 16:10	Feb-06-09 16:10	Feb-06-09 16:10	Feb-06-09 16:10	Feb-06-09 16:10
	Units/RL:	mg/kg RL 633 11.4	mg/kg RL 462 11.1	mg/kg RL 111 5.62	mg/kg RL 989 28.7	mg/kg RL 5210 111
Percent Moisture	Extracted:					
	Analyzed:	Feb-06-09 11:00	Feb-06-09 11:00	Feb-06-09 11:00	Feb-06-09 11:00	Feb-06-09 11:00
	Units/RL:	% RL 12.6	% RL 9.74	% RL 11	% RL 12.8	% RL 9.8
Percent Moisture						

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 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.
- \* 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

4143 Greenbriar Dr, Stafford, Tx 77477  
9701 Harry Hines Blvd , Dallas, TX 75220  
5332 Blackberry Drive, San Antonio TX 78238  
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  
12800 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: 105 South 4th Street  
City/State/Zip: Artesia, NM 88210  
Telephone No: 505-748-4217  
Fax No: 505-748-4682  
e-mail: boba@yocnm.com  
Project Name: J. Lazy J #13  
Project #: 30-015-21821  
Project Loc: Eddy County  
PO #: 105632  
Report Format: ☒ Standard ☐ TRRP ☐ NPDES

LAB # (lab use only)		FIELD CODE		Beginning Depth	Date Sampled	Time Sampled	Preservation & # of Containers	Matrix	Analyze For									
				Ending Depth					TCLP	TCDF	TCDF	TCDF	TCDF	TCDF	TCDF	TCDF	TCDF	TCDF
01	GS/Comp-001	1'	2/5/2009	9:20 AM	1	X	1	X										
02	GS/Comp-002	2'	2/5/2009	9:24 AM	1	X	1	X										
03	GS/Comp-003	3'	2/5/2009	9:27 AM	1	X	1	X										
04	GS/Comp-004	1'	2/5/2009	9:30 AM	1	X	1	X										
05	GS/Comp-005	2'	2/5/2009	9:33 AM	1	X	1	X										
06	GS/Comp-006	3'	2/5/2009	9:35 AM	1	X	1	X										
PLEASE PUT CHLORIDE RESULTS																		
ON SEPARATE REPORT																		

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

Relinquished by: Robert Asher Date: 02/05/09 Time: 3:14 PM  
Relinquished by: Robert Asher Date: 02/05/09 Time: 3:14 PM  
Relinquished by: Robert Asher Date: 02/05/09 Time: 3:14 PM

Laboratory Comments:  
Sample Containers Intact? Yes  
VOCs Free of Headspace? Yes  
Labels on container(s) Yes  
Custody seals on container(s) Yes  
Sample Hand Delivered? Yes  
by Sampler/Clean Res? Yes  
by Customer? Yes  
Temperature Upon Receipt 4.5  
Temperature Upon Storage 4.5

Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST  
12600 West I-20 East  
Odessa, Texas 79765

Project Manager: Robert Asher  
Company Name: Yates Petroleum Corporation  
Company Address: 105 South 4th Street  
City/State/Zip: Odessa, NM 88210  
Telephone No: 505-748-7747  
Fax No: 505-748-4682  
Project Name: J Lazy J #13  
Project #: 30-015-21821  
Project Loc: Eddy County  
PO #: 106632  
Report Format: ☒ Standard ☐ THRP ☐ NPOES  
e-mail: boba@yepcnn.com

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Total # of Containers	Preservation & # of Containers										Matrix	Analyze For																																																																																																																																																																																																																																																																																																																																																																																																																																								
							Ice	HNO <sub>3</sub>	HCl	H <sub>2</sub> SO <sub>4</sub>	NaOH	Na <sub>2</sub> SO <sub>4</sub>	Other (Specify)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)		Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)	Drinking Water (M)	Drinking Water (L)	Drinking Water (G)

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

ON SEPARATE REPORT

Reinforced by: [Signature] Date: 02/05/09 Time: 3:11 PM  
Reinforced by: [Signature] Date: [ ] Time: [ ]  
Reinforced by: [Signature] Date: [ ] Time: [ ]

Laboratory Comments:  
Sample Containers: Initial?  
VOCs Free of Headspace?  
Labels on container(s)  
Custody seals on container(s)  
Custody seals on container(s)  
Seal by Sampler/Client Rep.?  
Seal by Courier?  
Seal by UPS  
Seal by Lone Star  
Temperature Upon Receipt: 4.5 °C

## Environmental Lab of Texas

## Variance/ Corrective Action Report- Sample Log-In

Client: Inter Petroleum  
 Date/ Time: 2.6.09 10:10  
 Lab ID #: 324302 / 324303  
 initials: AL

## Sample Receipt Checklist

				Client Initials
#1	Temperature of container/ cooler?	Yes	No	4.5 °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

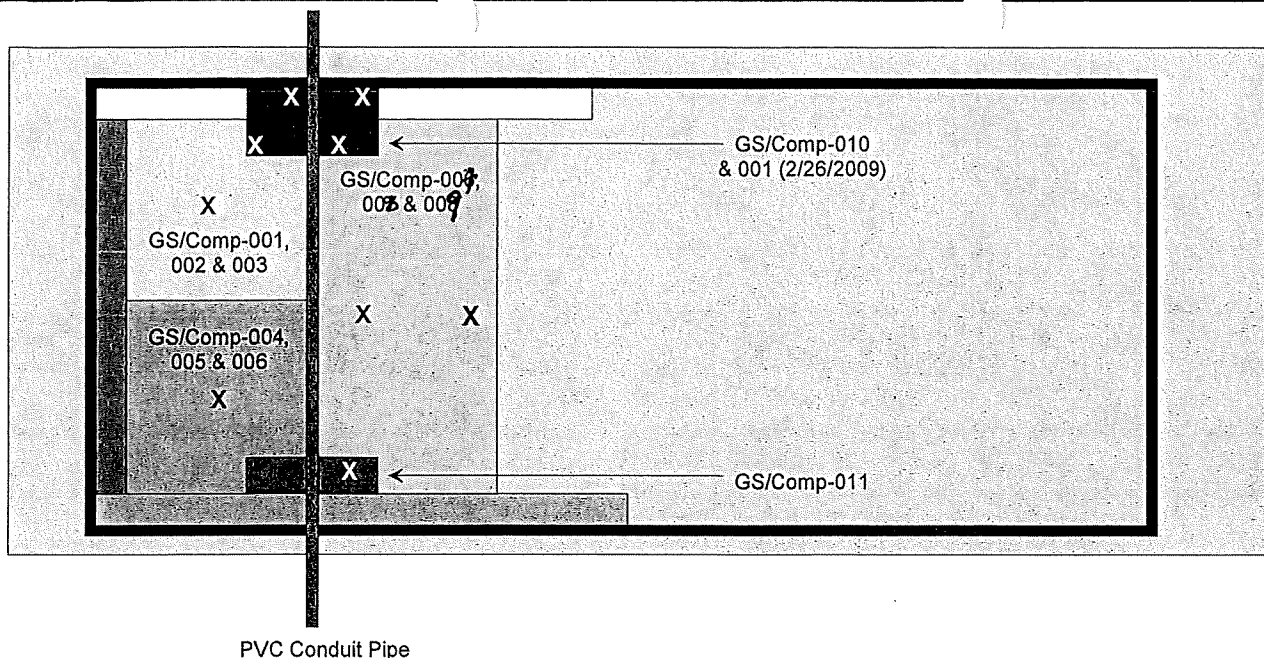
Contact: \_\_\_\_\_ Contacted by: \_\_\_\_\_ Date/ Time: \_\_\_\_\_

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



PVC Conduit Pipe

Sample ID	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
GS/Comp-002	South Sidewall	1/22/2009	Grab/Auger	14' x 2'	36.713	1360	3010	4370	5120
GS/Comp-003	South Sidewall	1/22/2009	Grab/Auger	14' x 3'	9.7591	394	1240	1634	503
GS/Comp-004	North Sidewall	1/22/2009	Grab/Auger	15' x 1'	ND	ND	ND	ND	ND
GS/Comp-005	West Sidewall	1/22/2009	Grab/Shovel	14' x 1'	24.724	1300	3570	4870	778

Sample ID	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
GS/Comp-001	Bottom/NW Corner	2/5/2009	Grab	1' (20' BGL)	ND	ND	ND	ND	6.23
GS/Comp-002	Bottom/NW Corner	2/5/2009	Grab	2' (21' BGL)	9.2094	250	1050	1300	29.3
GS/Comp-003	Bottom/NW Corner	2/5/2009	Grab	3' (22' BGL)	0.0063	22.8	125	147.8	32.3
GS/Comp-004	Bottom/SW Corner	2/5/2009	Grab	1' (20' BGL)	119.6	2050	6050	8100	322
GS/Comp-005	Bottom/SW Corner	2/5/2009	Grab	2' (21' BGL)	125.07	2240	4710	6950	17800
GS/Comp-006	Bottom/SW Corner	2/5/2009	Grab	3' (22' BGL)	71.42	2100	5200	7300	16800
GS/Comp-007	Bottom/East of Conduit	2/5/2009	Grab	1' (20' BGL)	38.5	1630	4310	5940	633
GS/Comp-008	Bottom/East of Conduit	2/5/2009	Grab	2' (21' BGL)	20.04	497	1920	2417	462
GS/Comp-009	Bottom/East of Conduit	2/5/2009	Grab	3' (22' BGL)	0.0375	58.2	264	322.2	111
GS/Comp-010	North side end of conduit	2/5/2009	Grab	19' X 2'	113.2	3620	8970	12590	989
GS/Comp-001	North side end of conduit	2/26/2009	Grab	19' X 6'	0.0601	18.4	756	774.4	ND
GS/Comp-011	South side end of conduit	2/5/2009	Grab	19' X 2'	281.96	7680	16100	23780	5210

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 200'). All results are ppm.  
Chloride results are for reference



J Lazy J #13  
Section 22, T17S-R25E  
Eddy County, NM

## SAMPLE DIAGRAM (Not to Scale)

Xenco Report #: 326133 & 326134  
Sample Date: 2/26/2009  
Report Date: 3-MAR-09

Prepared by Robert Asher  
Environmental Regulatory Agent

# Analytical Report 326133

for

**Yates Petroleum Corporation**

**Project Manager: Robert Asher**

**J Lazy J # 13**

**30-015-21821**

**03-MAR-09**



**12600 West I-20 East Odessa, Texas 79765**

Texas certification numbers:

Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-TX

Florida certification numbers:

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

Miramar, FL E86349

Norcross(Atlanta), GA E87429

South Carolina certification numbers:

Norcross(Atlanta), GA 98015

North Carolina certification numbers:

Norcross(Atlanta), GA 483

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

Midland - Corpus Christi - Atlanta



03-MAR-09

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

Reference: XENCO Report No: **326133**  
**J Lazy J # 13**  
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 326133. 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. 326133 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 326133**



Yates Petroleum Corporation, Artesia, NM  
J Lazy J # 13

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Feb-26-09 13:45	1 - 1 ft	326133-001

# Certificate of Analysis Summary 326133

## Yates Petroleum Corporation, Artesia, NM

Project Name: J Lazy J # 13

Project Id: 30-015-21821

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Fri Feb-27-09 11:30 am

Report Date: 03-MAR-09

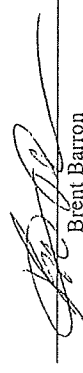
Project Manager: Brent Barron, II



Analysis Requested			Lab Id:	326133-001																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
--------------------	--	--	---------	------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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 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.

\* 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

# Analytical Report 326134

for

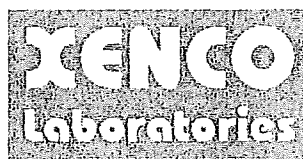
**Yates Petroleum Corporation**

**Project Manager: Robert Asher**

**J Lazy J # 13**

**30-015-21821**

**03-MAR-09**



**12600 West I-20 East Odessa, Texas 79765**

Texas certification numbers:

Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-TX

Florida certification numbers:

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

Miramar, FL E86349

Norcross(Atlanta), GA E87429

South Carolina certification numbers:

Norcross(Atlanta), GA 98015

North Carolina certification numbers:

Norcross(Atlanta), GA 483

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

Midland - Corpus Christi - Atlanta



03-MAR-09

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

Reference: XENCO Report No: 326134  
J Lazy J # 13  
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 326134. 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. 326134 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 326134**



**Yates Petroleum Corporation, Artesia, NM**

J Lazy J # 13

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Feb-26-09 13:45	1 - 1 ft	326134-001

Certificate of Analysis Summary 326134  
Yates Petroleum Corporation, Artesia, NM

Project Name: J Lazy J # 13

Project Id: 30-015-21821  
Contact: Robert Asher  
Project Location: Eddy County

Date Received in Lab: Fri Feb-27-09 11:30 am

Report Date: 03-MAR-09


Project Manager: Brent Barron, II



Analysis Requested	Lab Id:	326134-001					
	Field Id:	GS/Comp-001					
	Depth:	1-1 ft					
	Matrix:	SOIL					
Anions by EPA 300	Sampled:	Feb-26-09 13:45					
	Extracted:						
	Analyzed:	Mar-02-09 08:44					
	Units/RL:	mg/kg RL					
Percent Moisture	Chloride	ND 21.3					
	Extracted:						
	Analyzed:	Feb-28-09 09:43					
	Units/RL:	% RL					
Percent Moisture		5.93 1.00					

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 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.

\* 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

4143 Greenbriar Dr, Stafford, Tx 77477  
 9701 Harry Hines Blvd , Dallas, TX 75220  
 5332 Blackberry Drive, San Antonio TX 78238  
 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

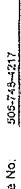
Project Manager: Robert Esther

Company Name: Ynosa Petroleum Corporation

Company Address: 105 South 4th Street

City/State/Zip: Altoona, NM 88210

Telephone No. 505-748-4217

Sample Signature: 

Project Name: J L22V J #13

Project #: 30-015-21921

Project Loc: Leah County

PO #: 106932

Report Format: ☒ Standard ☐ TRAP ☐ NPOES

505-748-4622

e-mail: boba@vpcnm.com

[illegible]

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

Client: Yates Ret.  
Date/ Time: 2.27.09 11:30  
Lab ID #: 326133 / 326134  
Initials: AL

Sample Receipt Checklist

				Client Initials
#1	Temperature of container/ cooler?	(Yes)	No	3.C °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 ELDT?	(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

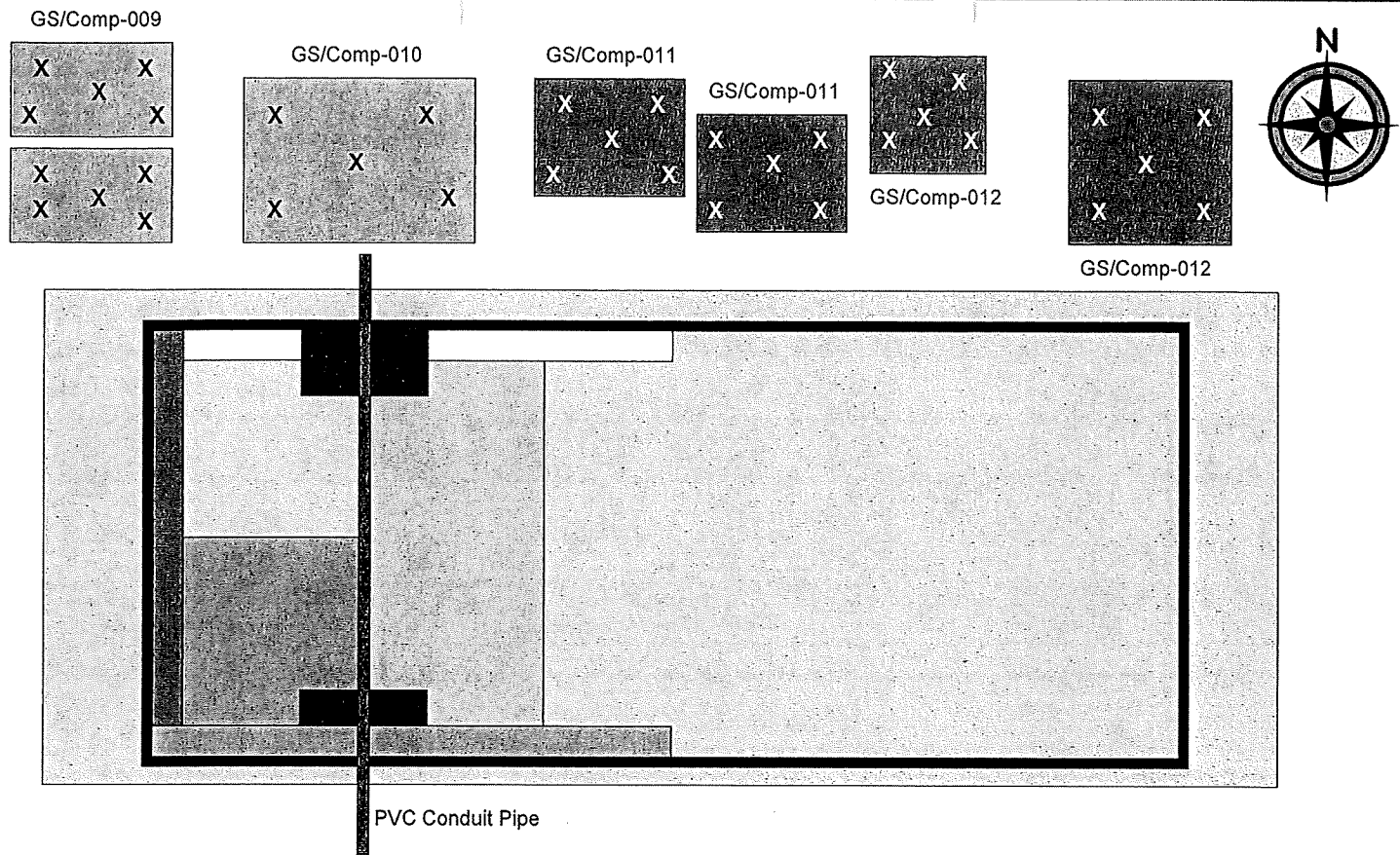
Variance Documentation

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



Sample ID	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
GS/Comp-009	Stockpile/NW Corner	1/22/2009	Grab/Shovel	1'	7.821	348	3620	3968	3140
GS/Comp-001	Stockpile/NW Corner	3/3/2009	Grab/Shovel	1-2'	1.556	194	1840	2034	
GS/Comp-010	Stockpile/North Side	1/22/2009	Grab/Shovel	1'	0.0273	48.1	1110	1158.1	727
GS/Comp-002	Stockpile/North Side	3/3/2009	Grab/Shovel	1-2'	1.644	37.2	702	739.2	
GS/Comp-011	Stockpile/NE Corner	1/22/2009	Grab/Shovel	1'	ND	ND	ND	ND	166
GS/Comp-012	Stockpile/East side	1/22/2009	Grab/Shovel	1'	ND	ND	ND	ND	15.8

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 200'). All results are ppm.  
Chloride results are for reference



J Lazy J #13  
Section 22, T17S-R25E  
Eddy County, NM

**SAMPLE DIAGRAM (Not to Scale)**

Xenco Report #: 326410  
Sample Date: 3/3/2009  
Report Date: 11-MAR-09

Prepared by Robert Asher  
Environmental Regulatory Agent

# Analytical Report 326410

for

**Yates Petroleum Corporation**

**Project Manager: Robert Asher**

**J Lazy J # 13**

**30-015-21821**

**11-MAR-09**



**12600 West I-20 East Odessa, Texas 79765**

Texas certification numbers:

Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-TX

Florida certification numbers:

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

Miramar, FL E86349

Norcross(Atlanta), GA E87429

South Carolina certification numbers:

Norcross(Atlanta), GA 98015

North Carolina certification numbers:

Norcross(Atlanta), GA 483

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

Midland - Corpus Christi - Atlanta



11-MAR-09

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

Reference: XENCO Report No: **326410**  
**J Lazy J # 13**  
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 326410. 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. 326410 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 326410**



**Yates Petroleum Corporation, Artesia, NM**  
J Lazy J # 13

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Mar-03-09 14:12	1 - 1 ft	326410-001
GS/Comp-001	S	Mar-03-09 14:31	1 - 1 ft	326410-002

## Certificate of Analysis Summary 326410

Yates Petroleum Corporation, Artesia, NM

Project Name: J Lazy J # 13

Project Id: 30-015-21821

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Wed Mar-04-09 10:05 am


Report Date: 11-MAR-09

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:		326410-001		326410-002	
	Field Id:	Depth:	GS/Comp-001	1-1 ft	GS/Comp-001	1-1 ft
	Matrix:	SOIL				
	Sampled:	Mar-03-09 14:12				
BTX by EPA 8021B	Extracted:	Mar-10-09 15:45				
	Analyzed:	Mar-10-09 20:32				
	Units/RL:	mg/kg RL				
		ND 0.0054				
		0.0166 0.0109				
		0.0503 0.0054				
		0.6159 0.0109				
		0.8733 0.0054				
		1.4892 0.0054				
		1.5561 0.0054				
Percent Moisture	Extracted:					
	Analyzed:	Mar-04-09 17:00				
	Units/RL:	% RL				
		7.95 1.00				
TPH By SW8015B Mod	Extracted:	Mar-05-09 10:06				
	Analyzed:	Mar-05-09 13:02				
	Units/RL:	mg/kg RL				
		194 81.5				
		1840 81.5				
		2034 81.5				
		739.2 16.5				
		702 16.5				
		739.2 16.5				

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 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.
- \* 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

4143 Greenbriar Dr, Stafford, Tx 77477  
9701 Harry Hines Blvd , Dallas, TX 75220  
5332 Blackberry Drive, San Antonio TX 78238  
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  
Variance/ Corrective Action Report- Sample Log-In

Client: Kates Pet.  
Date/ Time: 3.4.09 10:05  
Lab ID #: 326410  
Initials: AL

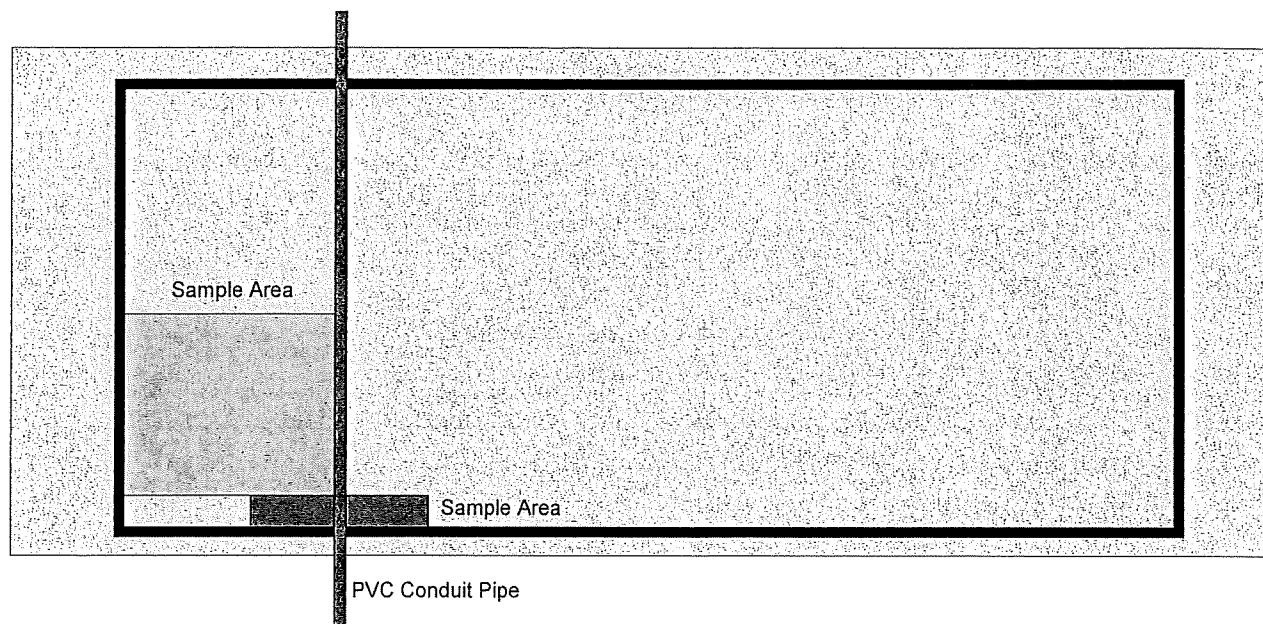
Sample Receipt Checklist

				Client Initials
#1	Temperature of container/ cooler?	Yes	No	15 °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



Sample ID	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
GS/Comp-004	Bottom/SW Corner	2/5/2009	Grab	1' (20' BGL)	119.6	2050	6050	8100	322
GS/Comp-005	Bottom/SW Corner	2/5/2009	Grab	2' (21' BGL)	125.07	2240	4710	6950	17800
GS/Comp-006	Bottom/SW Corner	2/5/2009	Grab	3' (22' BGL)	71.42	2100	5200	7300	16800
GS/Comp-006A	Bottom/SW Corner	5/21/2009	Grab	4' (23' BGL)					267
GS/Comp-006B	Bottom/SW Corner	5/21/2009	Grab	5' (24' BGL)					2600
Sample ID	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
GS/Comp-011	South side end of conduit	2/5/2009	Grab	19' X 2'	281.96	7680	16100	23780	5210
GS/Comp-012	South side end of conduit	5/21/2009	Grab	19' X 3'	72.511	1560	3590	5150	
GS/Comp-013	South side end of conduit	5/21/2009	Grab	19' X 4'	93.526	6940	15500	22440	
GS/Comp-014	South side end of conduit	5/21/2009	Grab	Surface	18.795	1900	9950	11850	

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 200'). All results are ppm.

Chloride results are for reference



J Lazy J #13

30-015-21821

Section 22, T17S-R25E

Eddy County, NM

#### SAMPLE DIAGRAM (Not to Scale)

Xenco Report #: 333553

Sample Date: 5/21/2009

Report Date: 1-JUN-09

Prepared by Robert Asher  
Environmental Regulatory Agent

# Analytical Report 333553

for

**Yates Petroleum Corporation**

**Project Manager: Robert Asher**

**J Lazy J # 13**

**30-015-21821**

**29-MAY-09**



**12600 West I-20 East Odessa, Texas 79765**

Texas certification numbers:

Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-TX  
Corpus Christi, TX T104704370-08-TX - Dallas, TX T104704295-08-TX

Florida certification numbers:

Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675  
Miramar, FL E86349  
Norcross(Atlanta), GA E87429

South Carolina certification numbers:

Norcross(Atlanta), GA 98015

North Carolina certification numbers:

Norcross(Atlanta), GA 483

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



29-MAY-09

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

Reference: XENCO Report No: 333553  
**J Lazy J # 13**  
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 333553. 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. 333553 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 333553**



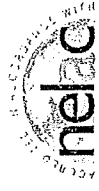
Yates Petroleum Corporation, Artesia, NM

J Lazy J # 13

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-006 A	S	May-21-09 09:17	4 - 4 ft	333553-001
GS/Comp-006 B	S	May-21-09 09:20	5 - 5 ft	333553-002
GS/Comp-012	S	May-21-09 09:44	3 - 3 ft	333553-003
GS/Comp-013	S	May-21-09 09:50	4 - 4 ft	333553-004
GS/Comp-014	S	May-21-09 09:55	1 - 1 ft	333553-005

Certificate of Analysis Summary 333553  
Yates Petroleum Corporation, Artesia, NM

Project Name: J Lazy J # 13



Project Id: 30-015-21821  
Contact: Robert Asher  
Project Location: Eddy County

Date Received in Lab: Fri May-22-09 09:45 am

Report Date: 29-MAY-09

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	333553-001	333553-002			
	Field Id:	GS/Comp-006 A	GS/Comp-006 B			
Anions by EPA 300	Depth:	4-4 ft	5-5 ft			
	Matrix:	SOIL	SOIL			
Chloride	Sampled:	May-21-09 09:17	May-21-09 09:20			
	Extracted:	May-22-09 18:55	May-22-09 18:55			
	Analyzed:	mg/kg	mg/kg			
	Units/RL:	267 10.6	2600 52.9			

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

## Certificate of Analysis Summary 333553

Yates Petroleum Corporation, Artesia, NM

Project Name: J Lazy J # 13

Project Id: 30-015-21821

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Fri May-22-09 09:45 am


Report Date: 01-JUN-09

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:		333553-001	333553-002	333553-003	333553-004	333553-005
	Field Id:	Depth:	GS/Comp-006 A	GS/Comp-006 B	GS/Comp-012	GS/Comp-013	GS/Comp-014
	Matrix:		4-4 ft	5-5 ft	3-3 ft	4-4 ft	1-1 ft
	Sampled:		SOIL	SOIL	SOIL	SOIL	SOIL
			May-21-09 09:17	May-21-09 09:20	May-21-09 09:44	May-21-09 09:50	May-21-09 09:55
BTEX by EPA 8021B	Extracted:				May-27-09 11:00	May-27-09 11:00	May-27-09 11:00
	Analyzed:				May-28-09 02:34	May-28-09 03:15	May-28-09 03:36
	Units/RL:				mg/kg	mg/kg	mg/kg
					2.561 2.152	ND 3.371	ND 2.054
					14.23 4.304	9.406 6.743	ND 4.108
					10.93 2.152	12.14 3.371	2.403 2.054
Percent Moisture					27.74 4.304	42.31 6.743	9.346 4.108
					17.05 2.152	29.67 3.371	7.046 2.054
					44.79 2.152	71.98 3.371	16.392 2.054
					72.511 2.152	93.526 3.371	18.795 2.054
TPH by SW8015 Mod	Extracted:				May-26-09 10:04	May-26-09 10:04	May-26-09 10:04
	Analyzed:						
	Units/RL:				%	%	%
					5.87 1.00	41.03 1.00	3.60 1.00
C6-C10 Gasoline Range Hydrocarbons	Extracted:				May-27-09 17:00	May-27-09 17:00	May-27-09 17:00
	Analyzed:				May-28-09 02:30	May-28-09 10:23	May-28-09 10:48
	Units/RL:				mg/kg	mg/kg	mg/kg
					1560 16.2	6940 254	1900 156
C10-C28 Diesel Range Hydrocarbons					3590 16.2	15500 254	9950 156

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 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: lates Petroleum  
Date/ Time: 5-21-09 14:10  
Lab ID #: 333553  
Initials: AL

Sample Receipt Checklist

				Client Initials
#1	Temperature of container/ cooler?	<u>Yes</u>	No	<u>7.0 °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

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 87210  
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

30-015-21821

## Release Notification and Corrective Action

NMLB0913140672

## OPERATOR

☒ Initial Report ☐ Final Report

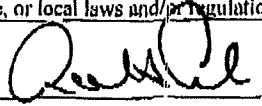
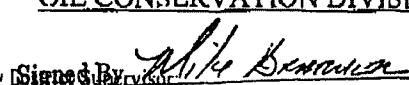
Name of Company Yates Petroleum Corporation	OGRID Number 25575	Contact Robert Asher
Address 104 S. 4 <sup>TH</sup> Street	Telephone No. 575-748-1471	
Facility Name J Lazy J #13	API Number 30-015-21821	Facility Type Pumping Unit
		Order Number 2RP-
Surface Owner Fec	Mineral Owner Fec	Lease No.

## LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	22	17S	25E	1980	North	1980	East	Eddy

Latitude 32.82264 Longitude 104.47029

## NATURE OF RELEASE

Type of Release Oil & Produced Water	Volume of Release Unknown amounts of Oil & PW	Volume Recovered 0 B/O & 0 B/PW
Source of Release Flow line	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 1/12/2009 - AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher - NMOCD/Artesia	
By Whom? Robert Asher - Yates Petroleum Corporation	Date and Hour 1/13/2009, Voicemail & 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.* Excel had power failure at a sub station, causing loss of power to transfer pump and tank to run over. Called for vacuum trucks.		
Describe Area Affected and Cleanup Action Taken.* An approximate area of 50' X 150'. Crew excavated contaminated soils, soils place on plastic and bermed. Vertical and horizontal delineation samples have taken and analysis ran for TPH & BTEX (Chlorides for reference). Further vertical and horizontal delineation samples will be taken and analysis will be ran for TPH & BTEX (Chlorides for reference). If initial analytical results for TPH & BTEX are under RRAL's a Final Report, C-141 will be submitted to the OCD requesting closure. If the analytical results are above the RRAL, a work plan will be submitted to the OCD. Depth to Ground Water: >100' (approx. 200', per New Mexico Office of the State Engineer); Wellhead Protection Area: No; Distance to Surface Water Body: >1000'; SITE RANKING IS 0.		
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  Signed By	
Title: Environmental Regulatory Agent	Approval Date: MAY 11 2009	Expiration Date:
E-mail Address: boba@ypcnm.com	Conditions of Approval: Remediation per NMOCD Rules & Guidelines	Attached <input type="checkbox"/>
Date: Monday, January 19, 2009	Phone: 575-748-4217	

\* Attach Additional Sheets If Necessary

2RP-303  
PMLB0913140672

JAN-19-2009 MON 04:05 PM YATES ENGINEERING

FAX NO. 15057484585

P. 01

# YATES PETROLEUM CORPORATION

## FACSIMILE TRANSMITTAL SHEET

TO:	FROM:
Mike Bratcher	Robert Asher
FAX NUMBER:	DATE:
9-748-9720	Monday, January 19, 2009
COMPANY:	TOTAL NO. OF PAGES INCLUDING COVER:
NMOCD	2
RE:	NOTES/COMMENTS:
C-141; J Lazy J #13	Initial Report (1/9/2009 Release)

☐ URGENT ☒ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

ADDITIONAL NOTES & COMMENTS:

Call me if you have any questions, 575-748-4217.

Thank you.

Robert Asher

Environmental Regulatory Department

105 SOUTH FOURTH STREET • ARTESIA, NEW MEXICO 88210-2118  
PHONE: 575-748-4217 (DIRECT) • FAX: 575-748-4662

MAY 11 2009

LOUISE TRACY  
EDDY COUNTY FLOOD COMMISSIONER  
BOX 700  
CARLSBAD, NEW MEXICO 88221  
575-885-4857  
464ft2@windstream.net

April 29, 2009

Jerry Fanning, Jr.  
Yates Petroleum Building  
105 South Street  
Artesia, New Mexico 88210

Re: Yates Petroleum pipeline crossing – gas leak following the pipeline between  
Drops # 2 and #3 (200' east of #2 on the north side of the Eagle Draw Channel)

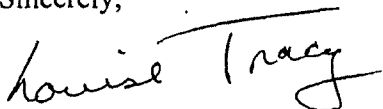
Dear Mr. Fanning,

Thank you very much for contacting Don Alam concerning the above referenced gas pipeline leak. It is very important to maintain the integrity of the Channel and your cooperation is greatly appreciated.

It is important that the sides and the bottom of the Channel not be disturbed in order to insure that no environmental damage is caused. Digging test holes either on the sides or bottom will cause environmental damage which we wish to avoid. It is very important that in re-filling the required test holes to insure that the compaction is such that no piping holes can occur and to make sure the drainage is away from the edge of the Channel.

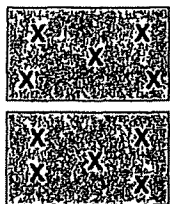
Again I appreciate your timely notification of Mr. Alam concerning the leak and getting his input of the proper repairs to insure that the integrity of the Channel is maintained.

Sincerely,

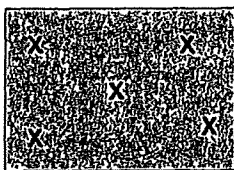


Louise Tracy  
Eddy County Flood Commissioner

GS/Comp-009



GS/Comp-010



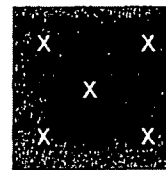
GS/Comp-011



GS/Comp-011



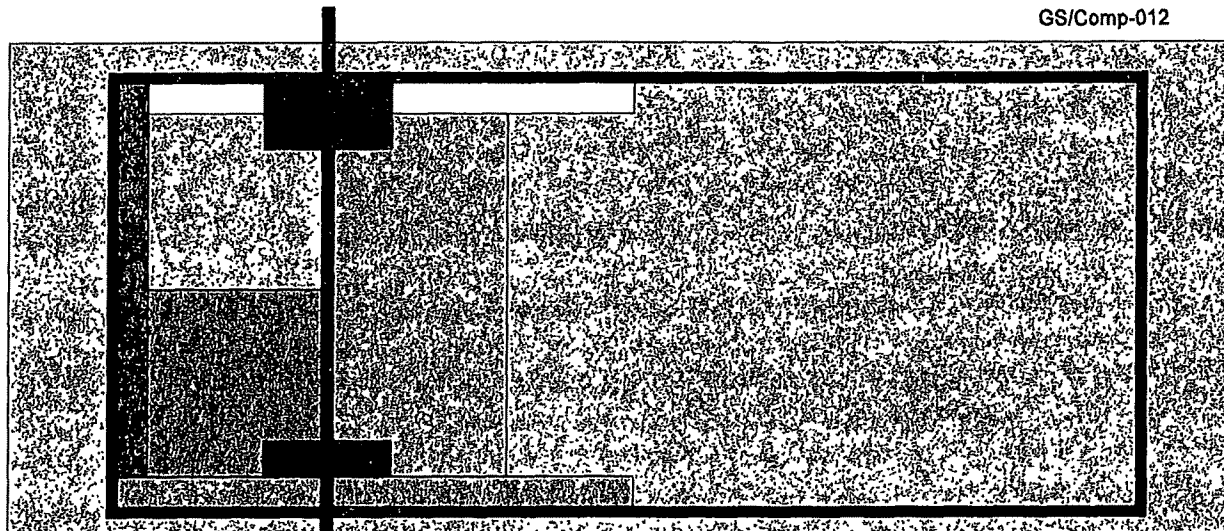
GS/Comp-012



GS/Comp-012



MAY 11 2009



PVC Conduit Pipe

Sample ID	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
GS/Comp-009	Stockpile/NW Corner	1/22/2009	Grab/Shovel	1'	7.821	348	3620	3968	3140
GS/Comp-001	Stockpile/NW Corner	3/3/2009	Grab/Shovel	1-2'	1.556	194	1840	2034	
GS/Comp-010	Stockpile/North Side	1/22/2009	Grab/Shovel	1'	0.0273	48.1	1110	1158.1	727
GS/Comp-002	Stockpile/North Side	3/3/2009	Grab/Shovel	1-2'	1.644	37.2	702	739.2	
GS/Comp-011	Stockpile/NE Corner	1/22/2009	Grab/Shovel	1'	ND	ND	ND	ND	166
GS/Comp-012	Stockpile/East side	1/22/2009	Grab/Shovel	1'	ND	ND	ND	ND	15.8

Site Ranking is Zero (0). Depth to Ground Water &gt;100' (approx. 200'). All results are ppm.

Chloride results are for reference



J Lazy J #13

Section 22, T17S-R25E

Eddy County, NM

## EXHIBIT

Sample Diagram (Not to Scale)

Prepared by Robert Asher  
Environmental Regulatory Agent  
April 15, 2009

# Analytical Report 326410

for

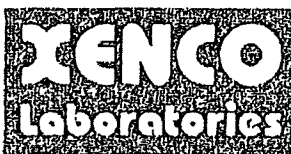
**Yates Petroleum Corporation**

**Project Manager: Robert Asher**

**J Lazy J # 13**

**30-015-21821**

**11-MAR-09**



**12600 West I-20 East Odessa, Texas 79765**

Texas certification numbers:

Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-TX

Florida certification numbers:

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

Miramar, FL E86349

Norcross(Atlanta), GA E87429

South Carolina certification numbers:

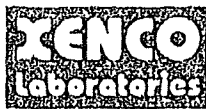
Norcross(Atlanta), GA 98015

North Carolina certification numbers:

Norcross(Atlanta), GA 483

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

Midland - Corpus Christi - Atlanta



11-MAR-09

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

Reference: XENCO Report No: **326410**  
**J Lazy J # 13**  
 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 326410. 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. 326410 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 326410**



**Yates Petroleum Corporation, Artesia, NM**  
J Lazy J # 13

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Mar-03-09 14:12	1 - 1 ft	326410-001
GS/Comp-001	S	Mar-03-09 14:31	1 - 1 ft	326410-002



## Certificate of Analysis Summary 326410

**Yates Petroleum Corporation, Artesia, NM**



Project Id: 30-015-21821

**Contact:** Robert Asher

**Project Location:** Eddy County

**Date Received in Lab:** Wed Mar-04-09 10:05 am

Report Date: 11-MAR-09

**Project Manager:** Brent Barton, II

Analysis Requested		Lab Id: Field Id: Depth: Matrix: Sampled:	326410-001 GS/Comp-001 1-1 ft SOIL Mar-03-09 14 12	326410-002 GS/Comp-001 1-1 ft SOIL Mar-03-09 14 31	Project Manager:	Dredt Barton, Jr.
BTEX by EPA 8021B	Extracted:	Mar-10-09 15 45	mg/kg RL	Mar-10-09 15 45		
	Analyzed:	Mar-10-09 20 32	mg/kg RL	Mar-10-09 20 55		
	Units/RL:					
	Benzene		ND 0.0054	ND 0.0055		
	Toluene		0.0166 0.0109	0.0625 0.0110		
Percent Moisture	Ethylbenzene		0.0503 0.0054	0.0624 0.0055		
	m,p-Xylenes		0.6159 0.0109	0.5836 0.0110		
	o-Xylene		0.8733 0.0054	0.9361 0.0055		
	Total Xylenes		1.4892 0.0054	1.5197 0.0055		
	Total BTEX		1.5561 0.0054	1.6446 0.0055		
TPH By SW8015B Mod	Extracted:	Mar-04-09 17 00	% RL	Mar-04-09 17 00		
	Analyzed:		% RL	% RL		
	Units/RL:		7.95 1.00	8.82 1.00		
	Percent Moisture					
C6-C10 Gasoline Range Hydrocarbons	Extracted:	Mar-05-09 10 06	mg/kg RL	Mar-05-09 10 06		
	Analyzed:	Mar-05-09 12 38	mg/kg RL	Mar-05-09 13 02		
	Units/RL:					
	C6-C10 Gasoline Range Hydrocarbons		194 81.5	37.2 16.5		
	C10-C38 Diesel Range Hydrocarbons		1840 81.5	702 16.5		
Total TPH		2034 81.5	739.2 16.5			

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 \ENCO Laboratories. \ENCO 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, under 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 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.
  - II** 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.
- \* 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

4143 Greenbriar Dr, Stafford, Tx 77477  
 9701 Harry Hines Blvd, Dallas, TX 75220  
 5332 Blackberry Drive, San Antonio TX 78238  
 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  
12500 West 11th East  
Odessa, Texas 79765  
Phone 432-563-1800  
Fax 432-563-1713

Project Manager: Robert Fisher  
County Name: Yates, Pendleton Co., Oklahoma  
Community Address: 163 South 4th Street  
City/State/Zip: Miami, FL 33132  
Telephone No: 305-785-1212  
Sample Signature: [Signature]  
Project Name: J Lab J #13  
Project # 30 015-1921  
Project Loc: Baby 22 1/2  
PO # 10-152  
Report Format: [ ] Standing [ ] Tilted [ ] L.A.S.

Field	Field Code	Beginning Depth	Ending Depth	Date/Time	Temp	Depth	Notes	Remarks
1	CS/Comp 601	1	1	3/3/2009 2:12 PM	1	1	Temp 58.0	
2	CS/Comp 601	1	1	3/3/2009 2:31 PM	1	1	Temp 58.0	

Special Instructions: T11 40155, B11 A 60218 Please show PTEX results on map  
Field Name: [Blank]  
Field Code: [Blank]  
Field Address: [Blank]  
Field City/State/Zip: [Blank]  
Field Telephone: [Blank]  
Field Signature: [Blank]

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client Alamo  
Date/ Time 3/4/23 10:05  
Lab ID # 326110  
Initials EL

Sample Receipt Checklist

				Client Initials
#1	Temperature of container/ cooler?	Yes	No	<u>EL</u> °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 on 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 Container Label
#9	Container label(s) legible and intact?	Yes	No	No: Applicable
#10	Sample manifest/ receipt agrees with Chain of Custody?	Yes	No	
#11	Containers supplied by EL/T?	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

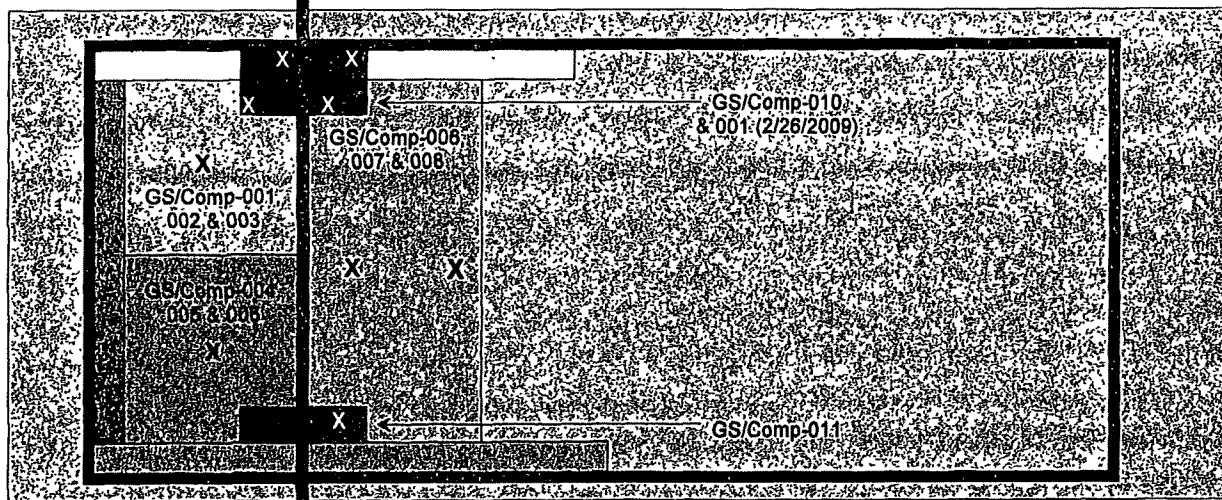
Variance Documentation

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 has begun shortly after sampling event



PVC Conduit Pipe

Sample ID	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
GS/Comp-002	South Sidewall	1/22/2009	Grab/Auger	14' x 2'	36.713	1360	3010	4370	5120
GS/Comp-003	South Sidewall	1/22/2009	Grab/Auger	14' x 3'	9.7591	394	1240	1634	503
GS/Comp-004	North Sidewall	1/22/2009	Grab/Auger	15' x 1'	ND	ND	ND	ND	ND
		1/22/2009	Grab/Shovel	14' x 1'	24.724	1300	3570	4870	778

Sample ID	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
GS/Comp-001	Bottom/NW Corner	2/5/2009	Grab	1' (20' BGL)	ND	ND	ND	ND	6.23
GS/Comp-002	Bottom/NW Corner	2/5/2009	Grab	2' (21' BGL)	9.2094	250	1050	1300	29.3
GS/Comp-003	Bottom/NW Corner	2/5/2009	Grab	3' (22' BGL)	0.0063	22.8	125	147.8	32.3
GS/Comp-004	Bottom/West of	2/5/2009	Grab	1' (20' BGL)	1.913	2050	6050	8100	322
GS/Comp-005	Bottom/Sidewall	2/5/2009	Grab	2' (21' BGL)	1.107	3240	710	8950	17800
GS/Comp-006	Bottom/Sidewall	2/5/2009	Grab	3' (22' BGL)	7.32	2100	3200	5300	16800
GS/Comp-007	Bottom/East of Conduit	2/5/2009	Grab	1' (20' BGL)	38.5	1630	4310	5940	633
GS/Comp-008	Bottom/East of Conduit	2/5/2009	Grab	2' (21' BGL)	20.04	497	1920	2417	462
GS/Comp-009	Bottom/East of Conduit	2/5/2009	Grab	3' (22' BGL)	0.0375	58.2	264	322.2	111
GS/Comp-010	North side end of conduit	2/5/2009	Grab	19' X 2'	113.2	3620	8970	12590	989
GS/Comp-001	North side end of conduit	2/26/2009	Grab	19' X 6'	0.0601	18.4	756	774.4	ND
GS/Comp-011	South side end of conduit	2/5/2009	Grab	19' X 2'	281.96	7680	16100	23780	5210

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 200'). All results are ppm.  
Chloride results are for reference



**J Lazy J #13**  
Section 22, T17S-R25E  
Eddy County, NM

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

Prepared by Robert Asher  
Environmental Regulatory Agent  
March 16, 2009

# Analytical Report 326133

for

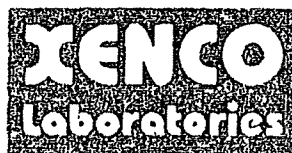
**Yates Petroleum Corporation**

**Project Manager: Robert Asher**

**J Lazy J # 13**

**30-015-21821**

**03-MAR-09**



**12600 West I-20 East Odessa, Texas 79765**

Texas certification numbers:

Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-TX

Florida certification numbers:

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

Miramar, FL E86349

Norcross(Atlanta), GA E87429

South Carolina certification numbers:

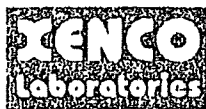
Norcross(Atlanta), GA 98015

North Carolina certification numbers:

Norcross(Atlanta), GA 483

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

Midland - Corpus Christi - Atlanta



03-MAR-09

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

Reference: XENCO Report No: **326133**  
**J Lazy J # 13**  
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 326133. 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. 326133 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

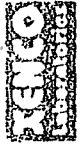


Sample Cross Reference 326133



Yates Petroleum Corporation, Artesia, NM  
J Lazy J # 13

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Feb-26-09 13:45	1 - 1 ft	326133-001



Certificate of Analysis Summary 326133  
Yates Petroleum Corporation, Artesia, NM



Project Id: 30-015-21821  
Contact: Robert Asher  
Project Location: Eddy County

Project Name: J Lazy J # 13

Date Received in Lab: Fri Feb-27-09 11 30 am

Report Date: 03-MAR-09

Project Manager: Brent Barron, II

Analysis Requested		Lab Id:	326133-001				
		Field Id:	GS/Comp-001				
		Depth:	1-1 ft				
		Matrix:	SOIL				
		Sampled:	Feb-26-09 13 45				
BTEX by EPA 8021B		Extracted:	Feb-27-09 13 00				
		Analyzed:	Feb-27-09 14 35				
		Units/RL:	mg/kg RL				
Benzene			ND 0.0011				
Toluene			ND 0.0021				
Ethylbenzene			0.0058 0.0011				
m,p-Xylenes			0.0252 0.0021				
o-Xylene			0.0291 0.0011				
Total Xylenes			0.0543 0.0011				
Total BTEX			0.0601 0.0011				
Percent Moisture		Extracted:	Feb-28-09 09 43				
		Analyzed:	%				
		Units/RL:	5.93 1.00				
TPH By SW8015B Mod		Extracted:	Mar-01-09 19 43				
		Analyzed:	Mar-01-09 23 18				
		Units/RL:	mg/kg RL				
C6-C10 Gasoline Range Hydrocarbons			18.4 15.9				
C10-C28 Diesel Range Hydrocarbons			756 15.9				
Total TPH			774.4 15.9				

This analytical report, and the entire data package it represents, has been made, for our customers, and confidential use.  
The measurements and results expressed throughout this analytical report represent the best judgment of VENCO Laboratories.  
VENCO Laboratories assumes no responsibility and makes no warranty, to the end use of the data herein presented.  
Our liability is limited to the amount involved for this work, 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 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.
- \* 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

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

# Analytical Report 326134

for

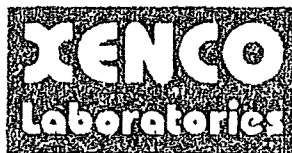
**Yates Petroleum Corporation**

**Project Manager: Robert Asher**

**J Lazy J # 13**

**30-015-21821**

**03-MAR-09**



**12600 West I-20 East Odessa, Texas 79765**

Texas certification numbers:

Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-TX

Florida certification numbers:

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

Miramar, FL E86349

Norcross(Atlanta), GA E87429

South Carolina certification numbers:

Norcross(Atlanta), GA 98015

North Carolina certification numbers:

Norcross(Atlanta), GA 483

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

Midland - Corpus Christi - Atlanta



03-MAR-09

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

Reference: XENCO Report No: **326134**  
**J Lazy J # 13**  
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 326134. 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. 326134 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

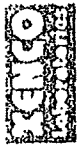


**Sample Cross Reference 326134**



**Yates Petroleum Corporation, Artesia, NM**  
J Lazy J # 13

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
GS/Comp-001	S	Feb-26-09 13:45	1 - 1 ft	326134-001



Certificate of Analysis Summary 326134  
Yates Petroleum Corporation, Artesia, NM



Project Id: 30-015-21821  
Contact: Robert Asher  
Project Location: Eddy County

Date Received in Lab: Fri Feb-27-09 11 30 am  
Report Date: 03-MAR-09  
Project Manager: Brent Barron, II

Analysis Requested		Lab Id:	326134-001
		Field Id:	GS/Comp-001
		Depth:	1-1 ft
		Matrix:	SOIL
		Sampled:	Feb-26-09 13 45
Anions by EPA 300		Extracted:	
		Analyzed:	Mar-02-09 08 44
		Units/RL:	mg/kg RL
Chloride			ND 21 3
Percent Moisture		Extracted:	
		Analyzed:	Feb-28-09 09 43
		Units/RL:	% RL
Percent Moisture			5 93 1 00

This analytical report, and the entire data package it contains, 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 - Allantia - 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 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.
- \* 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**

4143 Greenbriar Dr, Stafford, Tx 77477  
 9701 Harry Hines Blvd, Dallas, TX 75220  
 5332 Blackberry Drive, San Antonio TX 78238  
 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

**CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST**

12500 West I-20 East  
Odessa, Texas 79765

Phone 432-563-1800  
Fax 432-563-1711

105 / 12-4802  
boba@vixen.com

[illegible]

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

Client Latex RA  
Date/ Time 2-27-21 11:30  
Lab ID # 320133 / 320124  
Ref ID 4

Sample Receipt Checklist

				Client Initials
#1	Temperature of container/ cooler?	Yes	No	
#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 ELDT?	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:** Monday, March 09, 2009 7:42 AM  
**To:** 'Jerry Fanning'; Bob Asher  
**Cc:** Lisa Norton; LeeRoy Richards; Wade Bennett  
**Subject:** RE: J Lazy J #13

Thanks Jerry. Just let me know when you get it set up.

Mike Bratcher

---

**From:** Jerry Fanning [mailto:jerryf@yatespetroleum.com]  
**Sent:** Saturday, March 07, 2009 11:04 AM  
**To:** Bob Asher; Bratcher, Mike, EMNRD  
**Cc:** Lisa Norton; LeeRoy Richards; Wade Bennett  
**Subject:** RE: J Lazy J #13

I spoke with Don Alam on Friday and he asked if we could wait another week until he gets to feeling better. I told him we would give him a call then.

-----Original Message-----

**From:** Bob Asher  
**Sent:** Tuesday, February 24, 2009 8:16 AM  
**To:** ' (mike.bratcher@state.nm.us)'  
**Cc:** Jerry Fanning; Lisa Norton; LeeRoy Richards; Wade Bennett  
**Subject:** J Lazy J #13

Mike,

We talked with Don Alam/Eddy County Flood Control; they are the party responsible for the draw south of the J Lazy J #13. YPC will contact him the week of March 9 to set up a meeting with him, OCD and YPC (he had surgery and is currently recovering from the surgery). Yates also has a contractor working the stockpiles (flipping and aerating) and removing impacted soils on the north sidewall below the PVC conduit.

If you have any questions please contact me.

Thank you.

**Robert Asher**  
**Yates Petroleum Corporation**  
**[boba@yatespetroleum.com](mailto:boba@yatespetroleum.com)**  
**575-748-4217 (Office)**  
**575-365-4021 (Cell)**  
**575-748-4662 (Fax)**

And Joshua said unto the people,  
Sanctify yourselves: for to morrow the  
LORD will do wonders among you. Joshua 3:5

This inbound email has been scanned by the MessageLabs Email Security System.

---

For Friday 2/20/09  
9AM

## Bratcher, Mike, EMNRD

**From:** Bratcher, Mike, EMNRD  
**Sent:** Thursday, February 19, 2009 8:16 AM  
**To:** 'Bob Asher'  
**Cc:** Jerry Fanning  
**Subject:** RE: J Lazy J #13

Bob,

Friday at 9AM will work for me. See you there.

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

**From:** Bob Asher [mailto:BobA@yatespetroleum.com]  
**Sent:** Wednesday, February 18, 2009 10:06 AM  
**To:** Bratcher, Mike, EMNRD  
**Cc:** Jerry Fanning  
**Subject:** J Lazy J #13

Mike,

I would like to see if Jerry Fanning and I could meet with you at the J Lazy J #13 this Friday, February 20, 2009 at 9:00 AM please.

Please contact me if another time of the day is better for you.

Thank you.

Robert Asher  
 Yates Petroleum Corporation  
[boba@yatespetroleum.com](mailto:boba@yatespetroleum.com)  
 575-748-4217 (Office)  
 575-365-4021 (Cell)  
 575-748-4662 (Fax)

And Joshua said unto the people,  
 Sanctify yourselves for to morrow the  
 LORD will do wonders among you. Joshua 5:5

This inbound email has been scanned by the MessageLabs Email Security System.

N ↑

↓ Buried PVC pipe w/ 2 flowlines running through

EXCAVATED AREA - currently approx 20' bgs

NOTE: Contamination has not been delineated  
These were grab samples

TPH = 23,780 ppm  
BTEX 281 ppm

Engineered Banks

Diversion channel

Concrete Dam

**New Mexico Office of the State Engineer  
POD Reports and Downloads**

Township: 17S Range: 25E Sections:

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ☐ Non-Domestic ☐ Domestic ☒ All

POD / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

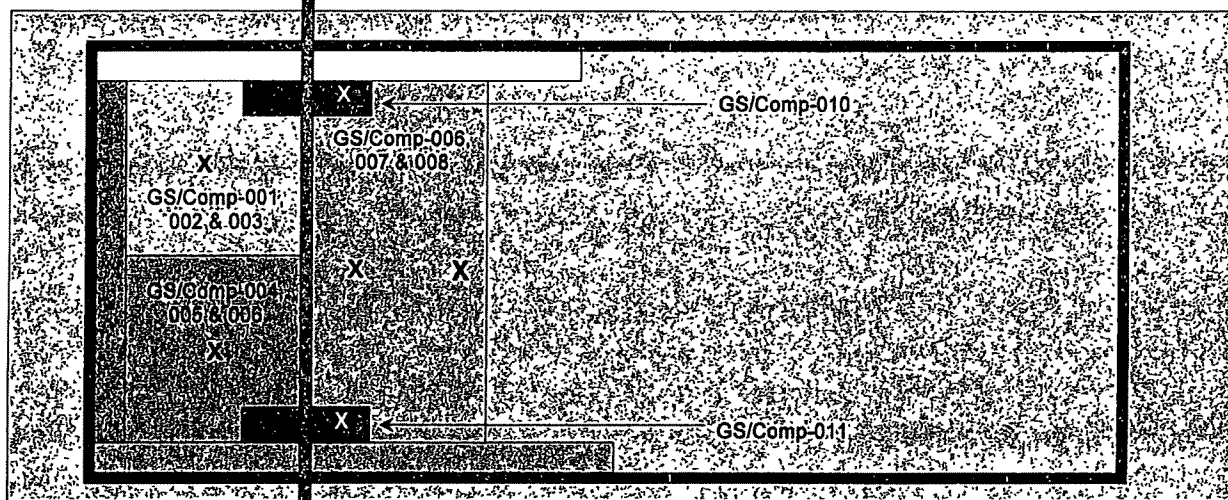
iWATERS Menu

Help

**AVERAGE DEPTH OF WATER REPORT 03/20/2009**

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
RA	17S	25E	01				37	106	227	175
RA	17S	25E	02				4	170	300	213
RA	17S	25E	03				1	210	210	210
RA	17S	25E	04				2	159	185	172
RA	17S	25E	06				1	30	30	30
RA	17S	25E	07				3	230	300	275
RA	17S	25E	08				5	87	220	186
RA	17S	25E	09				36	160	403	208
RA	17S	25E	11				33	80	227	175
RA	17S	25E	12				33	50	190	130
RA	17S	25E	12		552211	3635282	1	200	200	200
RA	17S	25E	13				25	70	180	110
RA	17S	25E	14				18	135	300	192
RA	17S	25E	15				12	140	220	186
RA	17S	25E	16				1	205	205	205
RA	17S	25E	17				2	100	200	150
RA	17S	25E	21				1	180	180	180
RA	17S	25E	22				1	200	200	200
RA	17S	25E	23				2	171	196	184
RA	17S	25E	25				1	150	150	150
RA	17S	25E	27				1	200	200	200
RA	17S	25E	35				1	185	185	185

Record Count: 221



PVC Conduit Pipe

Sample ID	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
GS/Comp-002	South Sidewall	1/22/2009	Grab/Auger	14' x 2'	36.713	1360	3010	4370	5120
GS/Comp-003	South Sidewall	1/22/2009	Grab/Auger	14' x 3'	9.7591	394	1240	1634	503
GS/Comp-004	North Sidewall	1/22/2009	Grab/Auger	15' x 1'	ND	ND	ND	ND	ND
GS/Comp-005	North Sidewall	1/22/2009	Grab/Shovel	14' x 1'	24.724	1300	3570	4870	778

Sample ID	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
GS/Comp-001	Bottom/NW Corner	2/5/2009	Grab	1' (20' BGL)	ND	ND	ND	ND	6.23
GS/Comp-002	Bottom/NW Corner	2/5/2009	Grab	2' (21' BGL)	9.2094	250	1050	1300	29.3
GS/Comp-003	Bottom/NW Corner	2/5/2009	Grab	3' (22' BGL)	0.0063	22.8	125	147.8	32.3
GS/Comp-004	Bottom/SW Corner	2/5/2009	Grab	1' (20' BGL)	0.0063	2050	3050	5100	322
GS/Comp-005	Bottom/SW Corner	2/5/2009	Grab	2' (21' BGL)	125.07	2240	2710	6950	17800
GS/Comp-006	Bottom/SW Corner	2/5/2009	Grab	3' (22' BGL)	211.42	2100	5200	7300	16800
GS/Comp-007	Bottom/East of Conduit	2/5/2009	Grab	1' (20' BGL)	38.5	1630	4310	5940	633
GS/Comp-008	Bottom/East of Conduit	2/5/2009	Grab	2' (21' BGL)	20.04	497	1920	2417	462
GS/Comp-009	Bottom/East of Conduit	2/5/2009	Grab	3' (22' BGL)	0.0375	58.2	264	322.2	111
GS/Comp-010	North side end of conduit	2/5/2009	Grab	19' X 2'	113.2	3620	8970	12590	989
GS/Comp-011	South side end of conduit	2/5/2009	Grab	19' X 2'	281.96	7680	16100	23780	5210

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 200'). All results are ppm.

Chloride results are for reference



J Lazy J #13

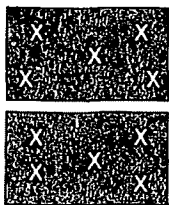
Section 22, T17S-R25E

Eddy County, NM

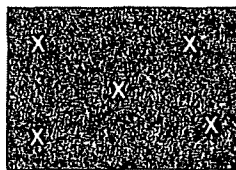
**EXHIBIT**  
Sample Diagram (Not to Scale)

Prepared by Robert Asher  
Environmental Regulatory Agent  
February 18, 2009

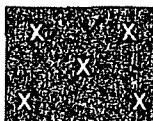
GS/Comp-009



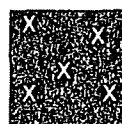
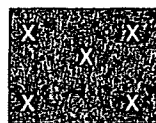
GS/Comp-010



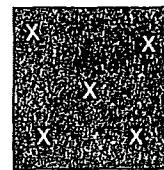
GS/Comp-011



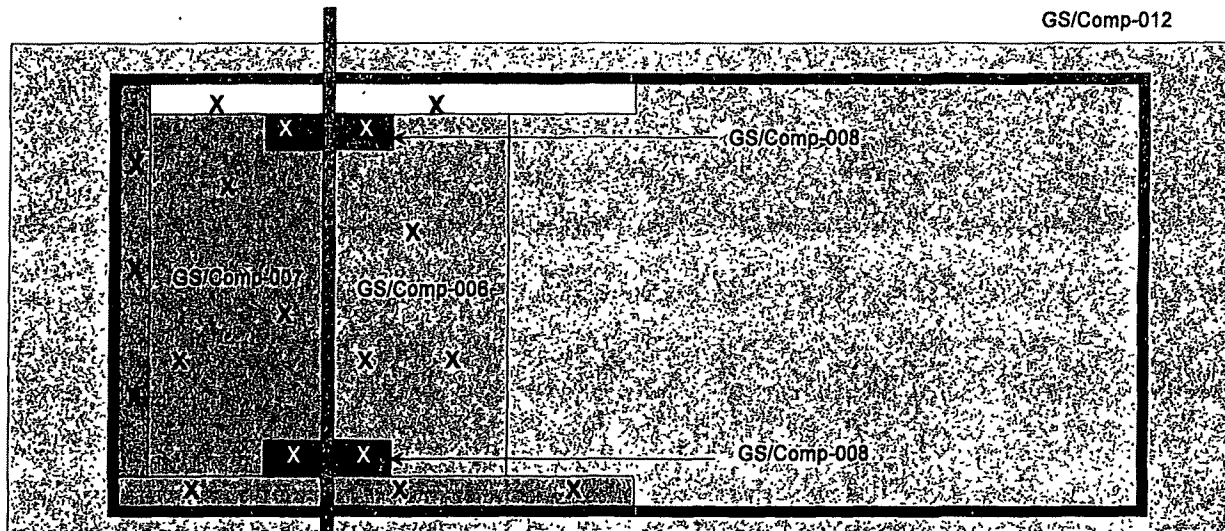
GS/Comp-011



GS/Comp-012



GS/Comp-012



PVC Conduit Pipe

Sample ID	Sample Area	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
GS/Comp-001	South Sidewall	1/22/2009	Grab/Auger	14' x 1'	99.905	2080	4360	6440	6620
GS/Comp-002	South Sidewall	1/22/2009	Grab/Auger	14' x 2'	36.713	1360	3010	4370	5120
GS/Comp-003	South Sidewall	1/22/2009	Grab/Auger	14' x 3'	9.7591	394	1240	1634	503
GS/Comp-004	North Sidewall	1/22/2009	Grab/Auger	15' x 1'	ND	ND	ND	ND	ND
GS/Comp-005	Bottom/End of conduit	1/22/2009	Grab/Shovel	14' x 1'	24.724	1300	3570	4870	778
GS/Comp-006	Bottom/End of Conduit	1/22/2009	Grab/Shovel	1' (17' BGL)	47.785	1630	3980	5610	10700
GS/Comp-007	Bottom/End of Conduit	1/22/2009	Grab/Shovel	1' (17' BGL)	47.047	2050	6050	8100	7560
GS/Comp-008	North & South side ends of conduit	1/22/2009	Grab/Shovel	14' x 1'	202.9	6170	15300	21470	11500
GS/Comp-009	Stockpile/NW Corner	1/22/2009	Grab/Shovel	1'	7.821	348	3620	3968	3140
GS/Comp-010	Stockpile/North Side	1/22/2009	Grab/Shovel	1'	0.0273	48.1	1110	1158.1	727
GS/Comp-011	Stockpile/NE Corner	1/22/2009	Grab/Shovel	1'	ND	ND	ND	ND	166
GS/Comp-012	Stockpile/East side	1/22/2009	Grab/Shovel	1'	ND	ND	ND	ND	15.8

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 200'). All results are ppm.  
Chloride results are for reference



J Lazy J #13

Section 22, T17S-R25E

Eddy County, NM

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

Prepared by Robert Asher  
Environmental Regulatory Agent  
February 2, 2009

## Bratcher, Mike, EMNRD

---

**From:** Bob Asher [BobA@yatespetroleum.com]  
**Sent:** Tuesday, January 13, 2009 4:43 PM  
**To:** Bratcher, Mike, EMNRD  
**Cc:** Jerry Fanning  
**Subject:** Release

Yates Petroleum Corporation is reporting a release at the following.

J Lazy J #13  
30-015-21821  
Section 22, T17S-R25E  
Eddy County, New Mexico

Release reported to Environmental Department on 1/12/2009.

Unknown amounts of oil and produced water was released from a buried flow line.

Any further information will be submitted on a C-141 Initial Report.

Please call if you have any questions.

Thank you.

Robert Asher  
Yates Petroleum Corporation  
[boba@yatespetroleum.com](mailto:boba@yatespetroleum.com)  
575-748-4217 (Office)  
575-365-4021 (Cell)  
575-748-4662 (Fax)

And Joshua said unto the people,  
Sanctify yourselves: for to morrow the  
LORD will do wonders among you. Joshua 3:5

---

This inbound email has been scanned by the MessageLabs Email Security System.

---

**From:** [Katie Jamison](#)  
**To:** [Bob Asher](#); [Chase Settle](#); [Yvette Moore](#)  
**Subject:** FW: Tier I /Cat I Closures  
**Date:** Friday, October 25, 2019 11:11:26 AM  
**Attachments:** [EOG Closed List 10 23 2019.docx](#)  
[EOG Res Inc Closures.docx](#)

---

Yvette,

Please update our master tracking list with today's date for the attached RPs.

Thanks!  
Katie

**From:** Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>  
**Sent:** Friday, October 25, 2019 11:03 AM  
**To:** Katie Jamison <Katie\_Jamison@eogresources.com>; Patrick Padilla  
<Patrick\_Padilla@eogresources.com>  
**Subject:** Tier I /Cat I Closures

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

10/25/2019

Katie Jamison  
Safety & Environmental Manager  
EOG Resources, Inc – Artesia NM Division  
105 S. Fourth Street  
Artesia, NM 88210

Hello,

Please find attached two (2) lists incorporating site/RP closures for EOG. These locations are closed in the Oil Conservation Division (OCD) data base.

Please keep a copy of lists and this communication for your records, as NO paper copy will follow.

OCD appreciates your patience and efforts.

Sincerely,

Bradford Billings  
EMNRD/OCD  
Santa Fe, New Mexico

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water,

human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

**EOG RESOURCES, INC.**  
**C-141 Closures (54)**  
**TRACKING NUMBERS**

<b>1RP #s</b>	<b>1RP #s</b>	<b>2RP #s</b>
1RP-0856	1RP-3545	2RP-0751
1RP-0863	1RP-3557	
1RP-0895	1RP-3669	
1RP-0902	1RP-3782	
1RP-0910	1RP-3787	
1RP-0912	1RP-3863	
1RP-0933	1RP-4204	
1RP-0947		
1RP-0966		
1RP-1004		
1RP-1011		
1RP-1039		
1RP-1055		
1RP-1085		
1RP-1091		
1RP-1092		
1RP-1098		
1RP-1119		
1RP-1123		
1RP-1147		
1RP-1152		
1RP-1153		
1RP-1154		
1RP-1158		
1RP-1159		
1RP-1187		
1RP-1207		
1RP-1209		
1RP-1231		
1RP-1232		
1RP-1233		
1RP-1269		
1RP-1361		
1RP-1381		
1RP-1382		
1RP-1587		
1RP-1790		
1RP-1954		
1RP-2037		
1RP-2327		
1RP-2377		
1RP-2655		
1RP-2938		
1RP-3347		
1RP-3352		
1RP-3379		

10/18/2019

**EOG RESOURCES, INC.**  
**C-141 Closures (37)**  
**TRACKING NUMBERS**

<b>2RP #s</b>
2RP-0040
2RP-0079
2RP-0161
2RP-0167
2RP-0171
2RP-0175
2RP-0179
2RP-0184
2RP-0185
2RP-0187
2RP-0210
2RP-0284
2RP-0285
2RP-0288
2RP-0291
2RP-0296
2RP-0303
2RP-0420
2RP-0428
2RP-0436
2RP-0492
2RP-0703
2RP-0755
2RP-2086
2RP-2967
2RP-3651
2RP-4226
2RP-4298
2RP-4465
2RP-4522
2RP-4565
2RP-4621
2RP-4735
2RP-4746
2RP-4960
2RP-4963

10/23/2019

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS  
  
Action 203348

CONDITIONS

Operator: EOG Y RESOURCES, INC. 104 S 4th St Artesia, NM 88210	OGRID: 25575
	Action Number: 203348
	Action Type: [IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Historical document uploaded. Closure approved.	5/1/2023