<u>arict 1</u> 25 N. French Dr., Hobbs, NM 88240 <u>Strict II</u> 301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

Fee

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

LOCATION OF RELEASE

Fee

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	Volume of Release	Volume Recovered		
Oil & Produced Water	Unknown amounts of Oil & PW	0 B/O & 0 B/PW		
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery		
Flow line	Unknown	1/12/2009 - AM		
Was Immediate Notice Given?	If YES, To Whom?			
🛛 Yes 🗌 No 🗌 Not Required	Mike Bratcher – NMOCD/Artesia			
By Whom?	Date and Hour			
Robert Asher – Yates Petroleum Corporation	1/13/2009, Voicemail & e-mail			
Was a Watercourse Reached?	If YES, Volume Impacting the Watercourse.			
- 🗌 Yes 🖾 No				
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 hould 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: Ques Ql.	· <u>OIL CON</u>	SERVATION DIVISION	
Frinted Name: Robert Asher	Approved by District Supervise	or:	
itle: Environmental Regulatory Agent	Approval Date:	Expiration Date:	
-mail Address: boba@ypcnm.com	Conditions of Approval:	Attached	
Phone: 575-748-4217	2RP-303	· · · · ·	

stach Additional Sheets If Necessary

JUN - 2 2009

MARTIN YATES, III 1912-1985

FRANK W. YATES

S.P. YATES 1914-2008



JOHN A. YATES CHAIRMAN OF THE BOARD PRESIDENT

DAVID LANNING

105 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 88210

Re: 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)

Received by OCD: 4/3/2023 12:57:34 PM

Released to Imaging: 5/1/2023 10:07:05 AM

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

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 in maintained.

Released to Imaging: 5/1/2023 10:07:05 AM

Sincerely,

Louise Tracy Eddy County Flood Commissioner

Sew Mexico Office of the State Engineer

### 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)

	<b>Sec</b> q q 22 2 4		Х	Y	
Driller Licence: 62 BEATTY, J Driller Name: W. BEATTY Drill Start Date: 02/24/1959 Log File Date: 03/12/1959 Pump Type: Çasing Size: 7 Depth Well: 325	.R.	PCW : Pipe D	l Finish ) Received ) ischarge ; timated Y:	Size:	
Water Bearing Stratifications: Casing Perforations:	<b>Top</b> 230 <b>Top</b> 230	Bottom 250 Bottom 250		scription ndstone/Gra	vel/Conglomerate





Received by OCD:

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** 



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
CS/Ciompodolof		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/Gomp-007	Bottom/West of Conduit	1/22/2009	Grab/Shovel	1' (17' BGL)	47.047	2050	6050	8100	7560
GS/Comp-008	North & Suth 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,

Received by OCD: 4/3/2023 12:57:34 PM

Brent Barron, II Odessa Laboratory Manager

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### Sample Cross Reference 323168



# Yates Petroleum Corporation, Artesia, NM

Ĩ	Lazy	I	#	13
J	Laly	J	π	12

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

12



Project Id: 30-015-21821 Contact: Robert Asher

Certificate of Analysis Summary 323168 Yates Petroleum Corporation, Artesia, NM Project Name: J Lazy J # 13



Date Received in Lab: Fri Jan-23-09 09:40 am Report Date: 30-JAN-09

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Project Location: Eddy County					Report Date: 30-JAN-09	0-1AN-09	
					Project Manager: H	Brent Barron, II	
	Lab 1d:	323168-001	323168-002	323168-003	323168-004	323168-005	323168-006
Analysis Reauested	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 Ĥ	3-3 ft	1-1 A	1-1 ft	1-1 Ĥ
	Mutrix:	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-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 15:26	Jan-26-09 20:46	Jan-26-09 18:39	Jan-26-09 21:49	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
Benzene		2.555 0.1166	0.5079 0.1149	ND 0.0568	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	1.436 0.1140	0.4629 0.1153
Ethylbenzene		15.17 0.1166	3.993 0.1149	1.314 0.0568	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	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	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	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	24.724 0.0570	47.7851 0.0576
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
TPH By SW8015B Mod	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
3	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
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
C6-C10 Gasoline Range Hydrocarbons		2080 175	1360 172	394 85.2	ND 17.3	1300 171	1630 173
C10-C28 Diesel Range Hydrocarbons		4360 175	3010 172	1240 85.2	ND 17.3	3570 171	3980 173
Total TPH		6440 175	4370 172	1634 85.2	ND 17.3	4870 171	5610 173

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Dessa Laboratory Director

Page 4 of 20

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Page 10 of 103



Project 1d: 30-015-21821 Contact: Robert Asher Project Location: Eddy County

Certificate of Analysis Summary 323168 Yates Petroleum Corporation, Artesia, NM Project Name: J Lazy J # 13



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Date Received in Lab: Fri Jan-23-09 09:40 am Report Date: 30-JAN-09

				a de la companya de l	Project Manager: Brent Barron, II	3rent Barron, II	
	Lab 1d:	323168-007	323168-008	323168-009	323168-010	323168-011	323168-012
Analysis Rounested	Field Id:	GS/Comp-007	GS/Comp-008	GS/Comp-009	GS/Comp-010	GS/Comp-011	GS/Comp-012
	Depth:	1-1 A	1-1 Ĥ	1-1 Ĥ	1-1 A	1-1 Ĥ	-1 J
	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	mu/ka RL
Benzene		0.3696 0.0579	2.890 0.3026	ND 0.0548	1100'0 GN	1100.0 DN	0.0
Toluene		0.6935 0.1159	73,44 0.6052	0.4482 0.1096	ND 0.0021	ND 0.0022	ND 0.0021
Ethylbenzene		6.834 0.0579	108.8 0.3026	0.8208 0.0548	0.0022 0.0011	1100.0 UN	ND 0.0010
m.p-Xylenes		21.60 0.1159	9.768 0.6052	3.536 0.1096	0.0117 0.0021	ND 0.0022	
o-Xylene		17.55 0.0579	8.000 0.3026	3.016 0.0548	0.0134 0.0011	ND 0.0011	
Total Xylenes		39.15 0.1159	17.768 0.6052	6.552 0.1096	0.0251 0.0021	ND 0.0022	
Total BTEX		47.0471 0.0579	202.898 0.3026	7.821 0.0548	0.0273 0.0011	ND 0.0011	
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	% BL	% RL	% RL	% RL
Percent Moisture		13.70 1.00	17.38 1.00	8.75 1.00	6.77 1.00	7.03 1.00	4.70 1.00
TPH By SW8015B Mod	Extructed:	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 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
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	me/kg RL	me/ke R1.	mu/ku RI
C6-C10 Gasoline Range Hydrocarbons		2050 86,9	6170 182	348 82.2	-		
C10-C28 Diesel Range Hydrocarbons		6050 86.9	15300 182	3620 82.2	1110 16.1	ND 16.1	ND 15.7
Total TPH		8100 86.9	21470 182	3968 82.2	1158.1 16.1	ND 16.1	

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 reseaus the basic highgenent of YEBNCD Laboratories. XEBNCD haboratories assumes to regulate and makes no warranty to the tend use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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Brent Barron Odessa Laboratory Director di No

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Page 5 of 20

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<sup>age 12</sup> of 103

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- 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.

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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	Phone (281) 240-4200 (214) 902 0300 (210) 509-3334 (813) 620-2000 (305) 823-8500 (432) 563-1800	Fax (281) 240-4280 (214) 351-9139 (210) 509-3335 (813) 620-2033 (305) 823-8555 (432) 563-1713
842 Cantwell Lane, Corpus Christi, TX 78408	(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,

Received by OCD: 4/3/2023 12:57:34 PM

Brent Barron, II Odessa Laboratory Manager

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# 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



Project Id: 30-015-21821 Contact: Robert Asher

Certificate of Analysis Summary 323169 Yates Petroleum Corporation, Artesia, NM Project Name: J Lazy J # 13



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

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Project Location: Eddy County					Report Date: 26-JAN-09	26-JAN-09	
					Project Manager: Brent Barron, II	Brent Barron, II	
	Lub Id:	323169-001	323169-002	323169-003	323169-004	323169-005	323169-006
Analysis Ronnostod	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 Ĥ	3-3 ft	1-1 Ĥ	1-1 ft	1-1 Ĥ
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sumpled:	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	% BL
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 adgement of XENCO Laboratories. XENCO Laboratories assumes to responsibility and makes no warranty to the end use of the data hareby presented. Our liability is limited to the amount invoiced for this work order unless oubervise agreed to in writing.

Odessa Laboratory Director Brent Barron

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Project Id: 30-015-21821 Contact: Robert Asher

Certificate of Analysis Summary 323169 Yates Petroleum Corporation, Artesia, NM Project Name: J Lazy J # 13



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

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Project Location: Eddy County					Report Date: 26-JAN-09 Proiset Manager: Rept Barron 11	26-JAN-09 3rent Barron, 11	
	Lab Id:	323169-007	323169-008	323169-009	323169-010	323169-011	323169-012
Andreis Ronnoctod	Field Id:	GS/Comp-007	GS/Comp-008	GS/Comp-009	GS/Comp-010	GS/Comp-011	GS/Comp-012
Third of Ard Heaten	Depth:	I-1 A	1-1 Ĥ	1-1 Ĥ	1-1 Ĥ	1-1 ft	1-1 Ĥ
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sumpled:	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:						
3	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	me/kg RL	me/ke RI.
Chloride		7560 100	11500 200	3140 50.0	727 20.0	166 5.00	8
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
Province and the second se	Units/RL:	% RL	% RL	% RL	% RL	% RL	% R1
Percent Moisture		13.70 1.00	17.38 1.00	8.75 1.00	6.77 1.00	7.03 1.00	.70

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 expossibility and makes no warranty to the end use of the data hereby presented. Our lability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Odessa Laboratory Director Brent Barron

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- 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.

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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

Page 19 of 103

Environmental Lab of Texas

1AT bisbrist ×  $\times \times \times \times \times$ × (a) Single 54' 48' 58 844 and a tar HRUS ę z 606830 Feedby 9.0 zebirold × × × × × Phone: 432-563-1800 Fax: 432-563-1713 TRRP 4801 CHAIN OF CUSTODY RECORD AND ANAL YSIS REQUEST トリナ Laboratory Comments: 4 5 Sample Containers intract? VOC5 Free of Headspace? Labets on container(s) Custody seals on container(s) Custody seals on container(s) 101 ที่อ 11EX \$0519/2020 & BLEX \$590 Temperature Upon Receipt UPS saliselovima Project #: 30-015-21621 saites Ales As 49 Ca Cr Fh Hg Se Ales Pa Ca Cr Fh Hg Se Project Name: J Lazy J #13 by Sompler/Client by Couner? U Sample Hand Dolive Report Format: X Slandard Project Loc: Eady County PO #: 105632 2321-531849 80008 (Cf. SO4, Alkahnig) 500, XL Hd: 1 1817 Hd: 9001 X1 ine. C:123)c5 (1:4C 1me 19109 65103 Hd: ×i NCO ACONS DEPENDENTS RESIDENT ANN SMUDDLAS NOS DEPENDENTS s œ ... S s Thank you Date Date enol (Cone (Cone 12600 West I-20 East Odessa, Texas 79765 10<sup>1</sup>5<sup>1</sup>81 H01H boba@ypcnm.com TPH: 8015B, BTEX: 8021B & Chlorides. Please show BTEX results as mg/kg. '0\$'H ICH 505-748-4662 HIND 15 - 17 - 17 17 × × isht Filiteted 0121 #. of Conternets e-mail: Fax No: 1/22/2009 12·21 PM 112:24 PM 12:28 PM 1/22/2009 12:00 PM 9:48 AM 10:49 AM 11-18 AM 11:33 AM 1' 1/22/2009 11:38 AM 9:59 AM 10:08 AM 12:31 PM anur ales belqms2 em(T Received by ELOT 1/22/2009 1/22/2009 1/22/2009 1/22/2009 1/22/2009 1/22/2009 1/22/2009 1/22/2009 1/22/2009 ceived by seceived by: belgmaß eteQ Ň -ë ÷-÷ վլզոն ըրևո ÷ ÷ ÷ ÷---2.33 PM lime Ĭ Ime వ diqaQ gainnigaB ñ è ÷ ÷ ÷--**-.**.... ÷ ÷-Yales Petroleum Corporation / mg Date 01/22/09 Date Oate PLEASE PUT CHLORIDE RESULTS Company Address: 105 South 4th Street Artesia, NM 88210 ON SEPARATE REPORT 505-748-4217 Robert Asher 323168 323108 GS/Comp-005 GS/Comp-008 GS/Comp-010 GS/Comp-001 GS/Comp-002 GS/Comp-003 GS/Camp-004 GS/Comp-006 GS/Comp-007 GS/Comp-009 GS/Comp-011 GS/Comp-012 FIELD CODE Jea ly PC Sampler Signature: Project Manager: Company Name City/State/Zip: Telephone No. pacial instructions: obert Asher elinquished by elinquished by: (lab use only) Angulshed by ORDER #: L0 80 53 g 5 B (Kino seu del) # 84. 20 4

State and the second

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



#### Sample Receipt Checklist

				Client Init
¥1	Temperature of container/ cooler?	(Yes)	No	40 0
‡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
<b>#</b> 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?	Nes	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
<b>#10</b>	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?	(Yeş	No	
#16	Containers documented on Chain of Custody?	Tes	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 A	ction 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 Aréa	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TOTAL	Chlorides
GS/Comp-001	Bottom/NWCorner	2/5/2009	Grab	1' (20' BGL)	ND	ND	ND	ND	6.23
GS/Comp-002	Bottom/NWCorner	2/5/2009	Grab	2' (21' BGL)	9.2094	250	1050	1300	29.3
GS/Comp-003	Bottom/NWCorner	2/5/2009	Grab	3' (22' BGL)	0.0063	22.8	125	147.8	32.3
GS/Comp-004	Bottom/SWComer	2/5/2009	Grab	1' (20' BGL)	119.6	2050	6050	, 8100 👘	322
GS/Comp-005	Bottom/SWComer	2/5/2009	Grab	2' (21' BGL)	125.07	2240	4710	6950	17800
GS/Comp-006	Bottom/SWComer	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

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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

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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,

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### Sample Cross Reference 324302



Q. (90.) 6 0 9 4 7 4

### Sample Closs Reference 524502

### 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

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Project 1d: 30-015-21821 Contact: Robert Asher Project Location: Eddy County

Certificate of Analysis Summary 324302 Yates Petroleum Corporation, Artesia, NM Project Name: J Lazy J # 13



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

		a fernanse som en se	والمحافظ		Project Manager: I	Brent Barron, II	
	Lab Id:	324302-001	324302-002	324302-003	324302-004	324302-005	324302-006
Analysis Reauested	Field Id:	GS/Comp-001	GS/Comp-002	GS/Comp-003	GS/Comp-004	GS/Comp-005	GS/Comp-006
	Depth:	1-I A	2-2 ft	3-3 ft	1-1 A	2-2 fi	3-3 A
	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
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
Benzene		ND 0.0011	0.1293 0.0557	ND 0.0012	1.166 0.1160	1.302 0.1211	0.5728 0.1169
Toluene		ND 0.0022	1.195 0.1115	ND 0.0023	11.28 0.2320	12.30 0.2422	6.631 0.2338
Ethylbenzene		1100.0 UN	1.445 0.0557	ND 0.0012	16.89 0.1160	17.98 0.1211	9.835 0.1169
m.p-Xylenes		ND 0.0022	5.589 0.1115	0.0039 0.0023	50.35 0.2320	52.88 0.2422	31.05 0.2338
o-Xylene		1100'0 GN	0.8511 0.0557	0.0024 0.0012	39.91 0.1160	40.61 0.1211	23.33 0.1169
Total Xylenes		ND 0.0022	6.4401 0.1000	0.0063 0.0023	90.26 0.2320	93.49 0.2422	54.38 0.2338
Total BTEX		1100'0 QN	9.2094 0.0500	0.0063 0.0012	119.596 0.1160	125.072 0.1211	71.4188 0.1169
Percent Moisture	Extracted:						
	Analyzed:	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
	Units/RL:	% RL	% RL	% RL	% RL	% RL	% RL
Percent Moisture		10.5	10.3	14.8	13.8	17.4	14.5
TPH By SW8015B Mod	Extracted:	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
•	Analyzed:	Feb-08-09 13:41	Feb-08-09 14:05	Feb-08-09 14:29	Feb-08-09 14:53	Feb-08-09 15:17	Feb-08-09 15:40
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
C6-C10 Gasoline Range Hydrocarbons		ND 16.8	250 16.7	22.8 17.6	2590 174	2240 182	2100 87.7
C10-C28 Diesel Range Hydrocarbons		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

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Odessa Laboratory Director Brent Barron

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

Certificate of Analysis Summary 324302 Yates Petroleum Corporation, Artesia, NM Project Name: J Lazy J # 13



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

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	Lab Id:	324302-007	324302-008	324302-009	324302-010	324302-011	and the second sec
Analysis Reauested	Field 1d:	GS/Comp-007	GS/Comp-008	GS/Comp-009	GS/Comp-010	GS/Comp-011	
	Depth:	1-1 Ĥ	2-2 fi	3-3 A	2-2 A	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	
BTEX by EPA 8021B	Extracted:	Feb-10-09 16:30	Feb-06-09 11:00	Feb-10-09 16:30	Feb-11-09 09:00	Feb-10-09 16:30	
3	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	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
Benzene		ND 0.1144	0.3119 0.0554	ND 0.0011	ND 0.2294	12.03 0.2217	
Toluene		1.914 0.2287	1.721 0.1108	ND 0.0022	9.351 0.4588	33.14 0.4435	
Ethylbenzene		5.190 0.1144	2.659 0.0554	0.0030 0.0011	16.37 0.2294	38.94 0.2217	
m,p-Xylenes		17.92 0.2287	8.838 0.1108	0.0154 0.0022	50.31 0.4588	111.7 0.4435	
o-Xylene		13.48 0.1144	6.515 0.0554	0.0191 0.0011	37.17 0.2294	86.15 0.2217	The second se
Total Xylenes		31.4 0.2287	15.353 0.1000	0.0345 0.0022	87.48 0.4588	197.85 0.4435	
Total BTEX		38.504 0.1144	20.0449 0.0500	0.0375 0.0011	113.201 0.2294	281.96 0.2217	
Percent Moisture	Extracted:						
	Analyzed:	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	
	Units/RL:	% RL	% RL	% KL	% KL	% RL	
Percent Moisture		12.6	9.74	11	12.8	9.8	
TPH By SW8015B Mod	Extracted:	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	
•	Analyzed:	Feb-08-09 16:04	Feb-08-09 16:28	Feb-08-09 16:52	Feb-08-09 17:15	Feb-08-09 18:04	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
C6-C10 Gasoline Range Hydrocarbons		1630 85.8	497 83.1	58.2 16.9	3620 172	7680 166	
C10-C28 Diesel Range Hydrocarbons		4310 85.8	1920 83.1	264 16.9	8970 172	16100 166	
Total TPH		5940 75.0	2417 75.0	322.2 15.0	12590 150	23780 150	

This ambytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretiones and retries expressed horoughout this analytucal reports the best judgment of XENCO Laboratories. XENCO Laboratories assumes to responsibility and theses no varianty to the read use of the data presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to it writing. Since 1990 Houston - Dallas - San Antonijo - Austin - Tampa - Mfanni - Latlin Annerica - Atlanta - Corpus Christi Since 1990 Houston - Dallas - San Antonijo - Austin - Tampa - Mfanni - Latlin Annerica - Atlanta - Corpus Christi

Brent Barron Odessa Laboratory Director

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Page 5 of 22

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- 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.

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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 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

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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

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Page 30 of 103



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# Sample Cross Reference 324303

### Yates Petroleum Corporation, Artesia, NM

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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

Received by OCD: 4/3/2023 12:57:34 PM

Project 1d: 03-015-21821 Contact: Robert Asher Project Location: Eddy County

Certificate of Analysis Summary 324303 Yates Petroleum Corporation, Artesia, NM Project Name: J1.azv. J # 13



Page 31 of 103

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					Keport Date: 12-rEB-09	12755-09	
					Project Manager: Brent Barron, II	Brent Barron, II	
$\vdash$	Lab 1d:	Lab Id: 324303-001	324303-002	324303-003	324303-004	324303-005	32
	Field 1d:	Field Id: GS/Comp-001	GS/Comp-002	GS/Comp-003	GS/Comp-004	GS/Comp-005	GS/

	Lab Id:	324303-001	324303-002	324303-003	324303-004	324303-005	324303-006
Analysis Domostad	Field 1d:	GS/Comp-001	GS/Comp-002	GS/Comp-003	GS/Comp-004	GS/Comp-005	GS/Comp-006
naicanhay ciclimur	Depth:	1-1 ft	2-2 ft	3-3 ft	1-1 U	2-2 ft	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:	Feb-06-09 16:10					
	Units/RL:	mg/kg RL					
Chloride		6.23 5.59	29.3 5.57	32.3 5.87	322 232	17800 242	16800 234
Percent Moisture	Extracted:						
	Analyzed:	Feb-06-09 11:00					
	Units/RL:	% RL					
Percent Moisture		10.5	10.3	14.8	13.8	17.4	14.5

This analytical report, and the entire data puckage it represents, has been made for your exclusive and confidential use. The interpretations and realize expressed intovagibout this analytical report represent the base. XENC Laboratories assumes to responsibility and makes no warranty to be red use of the data heavy presented. Our liability is limited to the anount invoived for thin work oder unites otherwise agreed to in writing. Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin Annerica - Atlanta - Corpus Christi

Odessa Laboratory Director Brent Barron

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D: 4/3/20	
Received by	

Project Id: 03-015-21821

Certificate of Analysis Summary 324303 Yates Petroleum Corporation, Artesia, NM Project Name: J Lazy J # 13



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

Page 32 of 103

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Contact: Robert Asher				Dat	e Received in Lab: ]	Date Received in Lab: Fri Feb-06-09 10:10 am	
Project Location: Eddy County					Report Date: 12-FEB-09	12-FEB-09	
					Project Manager: Brent Barron, II	Brent Barron, II	
	Lub Id:	324303-007	324303-008	324303-009	324303-010	324303-011	
Andweis Ronwetad	Field 1d:	GS/Comp-007	GS/Comp-008	GS/Comp-009	GS/Comp-010	GS/Comp-011	
vinitions wedercoren	Depth:	1-1 ft	2-2 ft	3-3 ft	2-2 ft	2-2 fi	
	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	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
Chloride		633 11.4	462 11.1	111 5.62	989 28.7	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	% RL	% RL	% RL	% RL	
Percent Moisture		12.6	9.74	11	12.8	9.8	

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(432) 563-1800	(432) 563-1713
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	Company Address: 105 South 4th Street	th Sireet												1	ñ.	oejo.	Projact Loc: Eddy County	Ede	ŝ	λ							
	City/State/Zip- Artesia, NM 88210	88210												,			PO #: 105632	105	532								
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Phone: 432-563-1800 Fax: 432-563-1713 CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST Project Name: J Lazy J #13 Project #: 30-015-21821 Project Loc: Eddy County 12600 West I-20 East Odess4, Toxas 79765

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Date Dale boba@ypcnm.com HC/PN \*CS<sup>2</sup>-H IDH 505-748-4682 'CNH é) × × × Elevision Of Containers ----pa.algg pla e-mail: Fax No: 10:10 AM 10:20 PM 9:40 AM 9:45 AM 9-50 AM belgme2 emiT 2/5/2009 2/5/2009 2' 2' 2/5/2009 3' 3' 2/5/2009 2/5/2009 Received by: occived by bəlqma2 əlaQ diqaQ gnibn ÷ Ň N N 3 11 PM Tane litte վքվթը ըրկողնքեն ñ 1. Yates Petroleum Corporation 02/05/09 Date Date Seeld Company Address: 105 South 4th Sircet PLEASE PUT CHLORIDE RESULTS Arlesia, NM 88210 SUCER #: 324302 324303 1721-867-202 Project Manager: Robert Asher GS/Comp-007 GS/Comp-008 GS/Comp-009 GS/Comp-010 GS/Comp-011 FIELD CODE Red UNE Sampler Signature Company Name Telephone No City/State/Zip: Relinquished by: Robert Asher Relinquished by (lab use only) 90 90 0 5 (Auo asn qn) # gy 11

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Date

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

inters Reticleum Client<sup>.</sup> 10.10 2.609 Date/ Time. 324302 324303 Lab ID # initials: QL

#### Sample Receipt Checklist

	oumpid Reddipt			
				Client Initial
#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)?	Yēs	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?	Nes	No	See Below
#19	Subcontract of sample(s)?	Yes	No	Not Applicable
#20	VOC samples have zero headspace?	Yes	No	Not Applicable

Variance Documentation

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**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/NWCorner	2/5/2009	Grab	1' (20' BGL)	ND	ND	ND	ND	6.23
GS/Comp-002	Bottom/NWCorner	2/5/2009	Grab	2' (21' BGL)	9.2094	250	1050	1300	29.3
GS/Comp-003	Bottom/NWCorner	2/5/2009	Grab	3' (22' BGL)	0.0063	22.8	125	147.8	32.3
GS/Comp-004	Bottom/SWComer	2/5/2009	Grab	1' (20' BGL)	119.6	2050	6050	8100	322
GS/Comp-005	Bottom/SW/Comer	2/5/2009	Grab	2' (21' BGL)	125.07	2240	4710	6950	17800
GS/Comp-006	Bottom/SWCorner	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

התשירהה המלגל המוצבה הכ

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

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Page 38 of 103



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,

Received by OCD: 4/3/2023 12:57:34 PM

Brent Barron, II Odessa Laboratory Manager

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Page 40 of 103



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## Sample Cross Reference 326133

Yates Petroleum Corporation, Artesia, NM

J Lazy J # 13

Feb-26-09 13:45

Sample Id GS/Comp-001 Date Collected Sample Depth

Lab Sample Id 326133-001

STATES -

1 - 1 ft



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

# Certificate of Analysis Summary 326133 Yates Petroleum Corporation, Artesia, NM Project Name: J Lazy J # 13



Page 41 of 103

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

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	Lab Id:	326133-001		
Andricie Pouroctod	Field Id:	- GS/Comp-001		
and areitage	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				
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:			
	Analyzed:	Feb-28-09 09:43		1
	Units/RL:	% RL		
Percent Moisture		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 your exclusive and confidential use. The interpretations and results expressed throughout his analytical report respects the best judgment or YENCO Laboratorics. XENCO Laboratorics resures to responsibility and makes no varianty to the end use of the data hereby presented. Our fiability is limited to the amount invoiced for this work order unless otherwise agreed to in writing. Since 1990

Brent Barron Odessa Laboratory Director

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- 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.
- The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to D 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.
- RPD exceeded lab control limits. F
- The target analyte was positively identified below the MQL and above the SQL. J
- 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.

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9701 Harry Hines Blvd, Dallas, TX 75220	(214) 902 0300	(214)
5332 Blackberry Drive, San Antonio TX 78238	(210) 509-3334	(210)
2505 North Falkenburg Rd, Tampa, FL 33619	(813) 620-2000	(813)
5757 NW 158th St, Miami Lakes, FL 33014	(305) 823-8500	(305)
12600 West I-20 East, Odessa, TX 79765	(432) 563-1800	(432)
842 Cantwell Lane, Corpus Christi, TX 78408	(361) 884-0371	(361)
042 Cultiveli Luite, Corpus Christi, 171 70100		



Fax

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# 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

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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,

Received by OCD: 4/3/2023 12:57:34 PM

Brent Barron, II Odessa Laboratory Manager

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Page 2 of 10









Yates Petroleum Corporation, Artesia, NM

J Lazy J # 13

Sample IdMatrixDate CollectedSample DepthLab Sample IdGS/Comp-001SFeb-26-09 13:451 - 1 ft326134-001



Project Id: 30-015-21821 Contact: Robert Asher

# Certificate of Analysis Summary 326134 Yates Petroleum Corporation, Artesia, NM Project Name: J Lazy J # 13



Page 46 of 103

Date Received in Lab: Fri Feb-27-09 11:30 am Report Date: 03-MAR-09

Project Location: Eddy County			R	Report Date: 03-MAR-09	-MAR-09	
			Projec	Project Manager: Brent Barron, II	ent Barron, II	
	Lab Id:	326134-001				<u> </u>
Andveis Ponnostad	Field 1d:	GS/Comp-001				
notes the section of	Depth:	1-1 A				
	Matrix:	SOIL				o
	Sampled:	Feb-26-09 13:45				
Anions by EPA 300	Extructed:					
	Analyzed:	Mar-02-09 08:44				
	Units/RL:	mg/kg RL				
Chloride		ND 21.3				Γ
Percent Moisture	Extracted:					T
	Analyzed:	Fch-28-09 09:43				
	Units/RL:	% RL				1202-2-
Percent Moisture		5.93 1.00				Ī
						1

Sec. No.

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America - Atlanta - Corpus Christi 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 research the basit algement of YENCO Laboratories. XENCO Laboratories assures to regroupsibility and marks 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 it writing. Since 1990

Odessa Laboratory Director Brent Barron

•



- 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.

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(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

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Received by OCD: 4/3/2023 12:57:34 PM

TAT biebne UNDES nast. 34.45 (Meterase-arg TAT HRUH retheviter. TRKP N 8 01 Phone: 432-563-1800 Fex: 432-563-1713 CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST ¢Эъ BIEX F05184030 0- BIEV PSe0 ontero de o Project #: 30-015-21821 Project Name: J Lazy J #13 Report Fornat: K Stordard \$4900 Project Loc: Eddy County 42 611 63 10 10 60 67 54 1614) PO #: 106832 03014831*8*45 12 0001 71 2.21-04 III - 30 Sun 11116 Fund 19101 NO PARS Keepingers anternangerki Keepingers anternangerki Kisadala Please show BTEX results as marky Thank you. Date 015C 10,2,611 1004 boba@ypcnm.com HOCH 'OS'H 0H 505-748-4662 10191 421 Jown 144.1.1 everation to a busi -•• persta co Fax No: e-mail 1:45 PM palqms2 enaT 1 LUTO UCK OK SEPARATE REPORT OK S021B & Chlorides. 2/26/2009 puetred by: sceived by: balqms2 ataQ មារជុទជ អ្នកទាំងសំ 2.56 P.M Environmental Lab of Texas 300 1 Iruo -ម្មា៨៦ភ្ ទំបមមរូទ័ទ Yates Petroloum Corporation Uate 02/28/09 Date Date Company Address: 105 South 4th Street Artesra, NN1 86210 PLEASE PUT CHLORIDE RESULTS he W 212-248-4217 Robert Asher 3210133 GS/Comp-001 320134 FIELD CODE Rovert Astron CUA LUG Sampler Signature. Project Manager. Company Name Telephone No. City/State/Zip: special instruction elinquished by. (jab use only) Reimquished by ORDER #: õ (Alno a su del) # BA

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

Client: Date/ Time Lab ID #

Initials

1/2109 11.30 326133 / 326134 24

#### Sample Receipt Checklist

		-		Client Initials
#1	Temperature of container/ cooler?	(Yes)	No	3.0 .0
#2	Shipping container in good condition?	(es)	No	
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Présent
#4	Custody Seals Intact on sample bottles/ container?	(es)	No	Not Present
#5	Chain of Custody present?	(es)	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)?	Ves	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

Date/ Time:

Contact: Regarding:

Corrective Action Taken:

Check all that Apply:

See attached e-mail/ fax

Contacted by:

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	the second s	1/22/2009	Grab/Shovel	1'	0.0273	48.1	1110	1158.1	727
GS/Comp-002	Stockpile/North	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

# Released to Imaging: 5/1/2023 10:07:05 AM

# 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

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Page 51 of 103



11-MAR-09

nelacia

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

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# 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



Project 1d: 30-015-21821 Contact: Robert Asher Project Location: Eddy County

# Certificate of Analysis Summary 326410 Vates Petroleum Corporation, Artesia, NM Project Name: J Lazy J # 13



Page 54 of 103

Date Received in Lab: Wed Mar-04-09 10:05 am Report Date: 11-MAR-09

		A NAME OF A DESCRIPTION OF		LUCCUMARACI. DICHUDAIION, IL	
	Lab Id:	326410-001	326410-002		A reaction of the second s
Analysis Romostad	Field Id:	GS/Comp-001	GS/Comp-001		
notion if here the	Depth:	1-1 ft	1-1 ft		
	Matrix:	SOIL	SOIL		
	Sampled:	Mar-03-09 14:12	Mar-03-09 14:31		
BTEX by EPA 8021B	Extracted:	Mar-10-09 15:45	Mar-10-09 15:45		
3	Analyzed:	Mar-10-09 20:32	Mar-10-09 20:55	 	
	Units/RL:	mg/kg RL	mg/kg RL		
Beitzene		ND 0.0054	ND 0.0055		
Toluene		0.0166 0.0109	0.0625 0.0110		
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		
Percent Moisture	Extracted:				
	Analyzed:	Mar-04-09 17:00	Mar-04-09 17:00		
	Units/RL:	% RL	% BL		
Percent Moisture		7.95 1.00	8.82 1.00		
TPH By SW8015B Mod	Extracted:	Mar-05-09 10:06	Mar-05-09 10:06		
3	Analyzed:	Mar-05-09 12:38	Mar-05-09 13:02		
	Units/RL:	mg/kg RL	mg/kg RL		
C6-C10 Gasoline Range Hydrocarbons			2		
C10-C28 Diesel Range IJydrocarbons		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 interpretories and retact sequested horogolout this analytical reports the best judgment of XENCO Laboratories. XENCO Laboratories areasmuss to responsibility and markes no varanty 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 it writing. Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Mfami - Latin Annerica - Atlanta - Corpus Christi

Brent Barron Odessa Laboratory Director



Page 55 of 103



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- 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.
- RPD exceeded lab control limits. F
- The target analyte was positively identified below the MQL and above the SQL. J
- 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 OC 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.

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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

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Page 56 of 103

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AL) Phot	Project Name: J Lazy J #13	Project #: 30-015-21621	Project Loc: Eddy County		DICONEUS X	An A		25	SERVICE AS BUCCO CO FEILING	-	$\vdash$	1-			+		+	+			+-	Laboratory Comments Semple Continents (http: Semple Continents (http:		Sample Hand Delivered by Samper/Dent Re	
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5	Project Manager.	Company Name	Company Address: 105 Soum 4th Street	City/State/Zip:	Telephone No	Sampler Signature:		01810														i i i	07	1	
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#### Environmental Lab of Texas Variance/ Corrective Action Report- Sample Log-In

Client:	lates Pet.	
Date/ Time:	3.409	10:05
Lab ID #	326410	
Initials.	(31	

#### Sample Receipt Checklist

#1 Ter	mperature of container/ cooler?	Yes	No	15 °C
#2 Shi	Ipping container in good condition?	Yes	No	
#3 Cu	stody Seals intact on shipping container/ cooler?	Yes	No	Not Present
#4 Cu	stody Seals intact on sample bottles/ container?	Yes	No	Not Present
#5 Ch	ain of Custody present?	(es	No	
#6 Sai	mple instructions complete of Chain of Custody?	Yes	No	
#7 Ch	ain of Custody signed when relinquished/ received?	res	No	
#8 Ch	ain of Custody agrees with sample label(s)?	Yes	No	ID written on Cont./ Lid
# <u>9</u> Co	ntainer label(s) legible and intact?	Yes	No	Not Applicable
#10 Sa	ample matrix/ properties agree with Chaln of Custody?	Ves	No	
#11 Cc	ontainers supplied by ELOT?	Yes	No	
#12 Sa	amples in proper container/ bottle?	Yes	No	See Below
#13 Sa	amples properly preserved?	Yes	No	See Below
#14 Sa	ample bottles intact?	Yes	No	
#15 Pr	reservations documented on Chain of Custody?	Yes	No	
#16 Cc	ontainers documented on Chain of Custody?	Yàś	No	
#17 Su	ufficient sample amount for indicated test(s)?	(Yeş	No	See Below
#18 All	I samples received within sufficient hold time?	Yes)	No	See Below
#19 SL	ubcontract of sample(s)?	Yes	No	Not Applicable
#20 VC	C samples have zero headspace?	(Nes)	No	Not Applicable

#### Variance Documentation

Date/ Time:

Contact:
Regarding:

Corrective Action Taken:

Check all that Apply:

#### See attached e-mail/ fax

Contacted by:

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-004	Bottom/SWComer	2/5/2009	Grab	1' (20' BGL)	119.6	2050	6050	. 8100	322
GS/Comp-005	Bottom/SWComer	2/5/2009	Grab	2' (21' BGL)	125.07	2240	4710	6950	17800
GS/Comp-006	Bottom/SWCorner	2/5/2009	Grab	3' (22' BGL)	71.42	2100	5200	7300	16800
GS/Comp-006A	Bottom/SWCorner	5/21/2009	Grab	4' (23' BGL)				$\sum_{i=1}^{n-1} \frac{d_i d_i d_i}{d_i} \cdot \frac{d_i d_i}{d_i} \cdot \frac{d_i d_i}{d_i} \cdot \frac{d_i d_i}{d_i} \cdot \frac{d_i}{d_i} \cdot \frac{d_i}{d$	267
GS/Comp-006B	Bottom/SWCorner	5/21/2009	Grab	5' (24' BGL)			$\frac{1}{2} \sum_{i=1}^{n-1} \frac{1}{2} \sum_{i=1}^{n-1$	$(1,1) \in \mathcal{F}(\mathcal{F})$	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

Page 58 of 103

.



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

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Page 59 of 103



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,

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Brent Barron, II Odessa Laboratory Manager

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## 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

 $(\mathbf{k})$ 



Project 1d: 30-015-21821 Contact: Robert Asher Project Location: Eddy County

Certificate of Analysis Summary 333553 Yates Petroleum Corporation, Artesia, NM Project Name: J Lazy J # 13



Date Received in Lab: Fri May-22-09 09:45 am Report Date: 29-MAY-09

			and a state of the	Project Manager: Brent Barron, II
	Lab Id:	333553-001	333553-002	
Analysis Ronnostod	Field Id:	GS/Comp-006 A	GS/Comp-006 B	
us arey acsteu	Depth:	4-4 ft	5-5 ft	
	Matrix:	SOIL	SOIL	
	Sampled:	May-21-09 09:17	May-21-09 09:20	
Anions by EPA 300	Extracted:			
	A nulyzed:	May-22-09 18:55	May-22-09 18:55	
	Units/RL:	mg/kg RL	mg/kg RL	
		267 10.6		

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretions and results expressed throughout this analytical report repressent the bast judgment of XENCO Laborations. XENCO Laboratories and areastics to 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

Odessa Laboratory Director Brent Barron 7

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Project Id: 30-015-21821 Contact: Robert Asher

Certificate of Analysis Summary 333553 Yates Petroleum Corporation, Artesia, NM Project Name: J Lazy J # 13



Date Received in Lab: Fri May-22-09 09:45 am 01-11 IN-00 rt Date 2

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Froject Location: Eddy County					Keport Date: UL	60-NIO r-10	
	·	and the second property of the second se	<b>1</b> 000		Project Manager: 1	Brent Barron, II	
	Lab Id:	333553-001	333553-002	333553-003		333553-005	and particular and the second se
Analysis Rennested	Field 1d:	GS/Comp-006 A	GS/Comp-006 B	GS/Comp-012	GS/Comp-013	GS/Comp-014	
	Depth:	4-4 ft	5-5 ft	3-3 A	4-4 Ĥ	1-1 ft	
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	
	Sampled:	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	Extructed:		Ŧ	May-27-09 11:00	May-27-09 11:00	May-27-09 11:00	
	Analyzed:			Nfay-28-09 02:54	May-28-09 03:15	May-28-09 03:36	
	Units/RL:			mg/kg RL	mg/kg RL	me/ke RL	
Benzene				2.561 2.152	3.	10	
Toluene				14.23 4.304	9.406 6.743	ND 4,108	
Ethylbenzene				10.93 2.152	12.14 3.371	2.403 2.054	
m,p-Xylenes				27.74 4.304	42.31 6.743	9.346 4.108	
o-Xylene				17.05 2.152	29.67 3.371	7.046 2.054	
Total Xylenes				44.79 2.152			
Total BTEX				72.511 2.152	93.526 3.371	18.795 2.054	
Percent Moisture	Extracted:						
	Analyzed:	May-26-09 10:04	May-26-09 10:04	May-26-09 10:04	May-26-09 10:04	May-26-09 10:04	<del></del>
	Units/RL:	% RL	% RL	% RL	% BL	% RL	
Percent Moisture		5.87 1.00	52.71 1.00	7.44 1.00	41.03 1.00	3.60 1.00	
TPH by SW8015 Mod	Extracted:			Niay-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 RL	mg/kg RL	mg/kg RL	
C6-C10 Gasoline Range Hydrocarbons				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 litts analytical report reports the basy largement of YENCO Laboratorics. XENCO Laboratorics assumes to responsibility and makes no varianty to the end use of the data herdsy presented. Our liability is limited to the amount invoised for this work order unless otherwise agreed to it writing. Since 1990

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Odessa Laboratory Director Brent Barron

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Page 63 of 103



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

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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

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City/St	City/State/Zip: Arteste, NM 88210	0					ĺ									a	- # 0	PO #: 105622								
Teloph	Telcphone No 505-748-4217					Fax No.	3	5-741	505-748-4662	~				В	hod	Report Formet:		Standerd	510cc		TRRP	RKP			PDES	
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#### Environmental Lab of Texas Variance/ Corrective Action Report- Sample Log-In

Client:	ates Petroleum
Date/ Time	5-21-09 14.10
Lab ID #	333563
Initials.	äL

#### Sample Receipt Checklist

	· ·	0		Client Initi
#1	Temperature of container/ cooler?	Ves	No	7.0 '0
#2	Shipping container in good condition?	(l'es	No	
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present
#4	Custody Seals Intact on sample bottles/ container?	Ves	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)?	Yëş	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?	fes	No	
#11	Containers supplied by ELOT?	(jes)	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?	(Yëş	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?	Ves	No	See Below
#19	Subcontract of sample(s)?	Yes	No	Not Applicable >
#20	VOC samples have zero headspace?	(Yes>	No	Not Applicable

#### Variance Documentation

Date/ Time:

Contact: Regarding:

•\_\_\_\_\_

Corrective Action Taken:

Check all that Apply:

See attached e-mail/ fax

Contacted by:

Client understands and would like to proceed with analysis Cooling process had begun shortly after sampling event

FAX NO. 15057484585

						•			
District   1625 N. French Dr., Hobbs, NM 88240 District II District II		Now Mex	ico Il Resources	Ţ		Form C-141 Revised October 10, 2003			
1301 W Grand Avenue, Arlesia, NM 83210 District III	il Conse	servation Division			Submit 2 Copies to appropr				
	20 Sout	h St. Franc	sis Dr.		District Office in accordance with Rule 116 on back				
1220 S. SI. Francis Dr., Santa Fe, NM 17505	Santa F	e, NM 875	505			side of form			
<u>30-015-21821</u> Release Not	ificatio	n and Co	orrective A	etion					
NMLB0913140672	<b>OPER</b>	ATOR			🛛 Initia	l Report 🔲 Final Repor			
Name of CompanyOGRID 1Yates Petroleum Corporation25575	Number	Contact Robert Ash	<b>NF</b>						
Address		Telephone 1							
104 S. 4 <sup>TH</sup> Street Facility Name API Num	h an	575-748-14 Facility Typ	Contraction of the local division of the loc		Order 1	Jumber			
Facility Name         API Num           J Lazy J #13         30-015-2		Pumping U			2RP-				
	al Owner				Lcase N	No.			
1.0	CATIO	N OF RE	LEASE			<b></b>			
Unit Letter Section Township Range Feet from th G 22 175 25E 1980	the second se	/South Line North	Feet from the 1980		/est Line Iast	County Eddy			
Latitude -	37 87761	Longituda	104.47029	ļ		L			
-		_							
Type of Release	ATUKE	OF REL			Volume F	lecovercd			
Oil & Produced Water Source of Release		Unknown amounts of Oil & PW 0 B/O & 0 B/PW Date and Hour of Occurrence Date and Hour of Discovery							
Flow line		Unknown			1/12/2009				
Was Immediate Notice Given?	t Required	If YES, To Whom? red Mike Bratcher – NMOCD/Artesia							
By Whom?		Date and Hour ,							
Robert Asher – Yates Petroleum Corporation Was a Watercourse Reached?		1/13/2009, Voicemall & e-mail If YES, Volume Impacting the Watercourse.							
Yes 🛛 No		N/A							
If a Watercourse was Impacted, Describe Fully.*									
Describe Cause of Problem and Remedial Action Taken.* Excel had power failure at a sub station, causing lose of power		numm und tax							
Describe Area Affected and Cleanup Action Taken.*						······································			
An approximate area of 50° X 150°. Crew excavated contamin have taken and analysis ran for TPH & BTEX (Chlorides for re-									
be ran for TPH & BTEX (Chlorides for reference). If initial an	alytical res	ults for TPH	& BTEX are unde	r RRAL	's a Final i	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', par New Mexico Office of the State Engineer); Wellbead Protection Area: No; Distance to Surface Water Body;									
>1000'; SITE RANKING IS 0									
regulations all operators are required to report and/or file certai	I hereby certify that the information given above is frue 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 ra should their operations have fai ed to adequately investigate and									
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/programment.									
		OIL CONSERVATION DIVISION							
Signature: ( Lastalel.									
Printed Name, Robert Asher	/	Approved by Signed By with 1/4 Dranue							
		Approval DMAY 11 2009 Expiration Date:							
Title: Environmental Regulatory Agent	1				piration D	ale;			
E-mall Address: boba@ypcnm.com		Conditions of Imaco Ral	Approval: REA	10 <sup>-</sup> 0 /#17	in por	Attached			
Date: Monday, January 19, 2009 Phone: 575-748-4217	<u> </u>					······································			

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2RP-303 PMLB0913141609

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Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	22	175	25E	1980	North	1980	East	Eddy

Flow line	Unknown 1/12/2009 - AM					
Was Immediate Notice Given?	If YES, To Whom?					
🛛 Yes 🗌 No 🗌 Not Required						
By Whom?	Date and Hour					
Robert Asher - Yates Petroleum Corporation	1/13/2009, Voicemali & e-mail					
Was a Watercourse Reached?	If YES, Volume Impacting the Watercourse.					
Yes 🛛 No	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 lose 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, s	soils place on plastic and bermed. Vertical and horizontal delineation samples					
have taken and analysis ran for TPH & BTEX (Chlorides for reference). I	urther vertical and horizontal delineation samples will be taken and analysis will					
he ran for TPH & BTEX (Chlorides for reference). If initial analytical rest						
submitted to the OCD requesting closure. If the analytical results are above	te the RRAL a work plan will be submitted to the OCD. Depth to Ground					
Water: >100' (approx. 200', par New Mexico Office of the State Engin	eer); 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 th	e best of my knowledge and understand that pursuant to NMOCD rules and					
	difications and perform corrective actions for releases which may endanger					
	NMOCD marked as "Final Report" does not relieve the operator of liability					
	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 releve the operator of responsibility for compliance with any other						
federal, state, or local laws and/pr Traulations.						
	OIL CONSERVATION DIVISION					
	A 1					
Signature: Kannut	Alto Kenner					
	pproved by Signed Broken 11/4 Dranular_					
Printed Name, Robert Asher						
	pproval DMAY 11 2009 Expiration Date:					
	REMAIN AST?					
E-mail Address: boba@ypcnm.com	Conditions of Approval: REMED MATCH ASTC Attached					
	nuco kulos i Unallines					
Date: Monday, January 19, 2009 Phone: 575-748-4217						
A March - A shall far and Elin and a TE Blannadon Mt						



# FACSIMILE TRANSMITTAL SHEET

FROM:
Robert Asher
DATE:
Monday, January 19, 2009
TOTAL NO. OF PAGES INCLUDING COVER:
2
NOTLS/COMMENTS:
Initial Report (1/9/2009 Release)

URGENT Ø FOR REVIRW 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** 

Page 68 of 103

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

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

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 in maintained.

Sincerely,

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Louise Tracy Eddy County Flood Commissioner



Sample ID	Sample Area	Sample Date	Sample Type	🗱 Depth 💏	BTEX	GRO	DRO	TOTAL.	Chlondes
GS/Comp-009	Stockpile/NW Corner	1/22/2009	Grab/Shovel	1'	.7.821 <sup>-5</sup>	348	3620	3968	3140
CS/Comp-001	Comercitate	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	Hit Stockple/North A	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	N. ND	166
GS/Comp-012	Stock pile/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 April 15, 2009 Reteased to Imaging: 5/1/2023 10:07:05 AM

# **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

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11-MAR-09

neloo

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

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Sample Cross Reference 326410

Yates Petroleum Corporation, Artesia, NM

J Lazy J # 13

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

Page 3 of 12



Certificate of Analysis Summary 326410 Yates Petroleum Corporation, Artesia, NM Project Name: J Lazy J # 13



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

Brent Barron, II Report Date: 11-MAR-09 Project Manager: 165 165 mg/kg RL ND 0 0055 1 00 0 5836 0 0110 R 165 0 0625 0 0110 0 0624 0 0055 0 9361 0 0055 2 1 5197 0 0055 1 6446 0 0055 Mar-05-09 10 06 Mar-05-09 13 02 Mar-04-09 17 00 Mar-10-09 15 45 Mar-10-09 20 55 Mar-03-09 14 31 GS/Comp-001 326410-002 mg/ky 37.2 I-I Å SOIL 702 8 82 7392 \* RL 815 815 mg/kg RL ND 0 0054 1 00 81 S 2 00166 00109 0 0503 0 0054 06159 00109 0 8733 0 0054 1 4892 0 0054 1 5561 0 0054 Mar-04-09 17 00 Mar-05-09 10 06 Mar-05-09 12 38 Mar-03-09 14 12 Mai-10-09 15 45 Mar-10-09 20 32 GS/Comp-001 mg/kg 194 326410-001 % 795 J-I fi SOIL 1840 2034 Extracted: Analyzedi Lah Id-Field Id: Depth: Analyzedt Units/RL: Analyzed: Units/RL: Umirs/RL: Matrix: Sampled-Extracted: Extracted: TPH By SW8015B Mod BTEX by EPA 8021B C6-C10 Gasoline Range Hydrocarbons **Percent Moisture** C10-C28 Diesel Range Hydrocarbons Analysis Requested Contact: Robert Asher Project Location: Eddy County Percent Moisture **Fotal Nylenes** Ethylbenzene m,p-Xylencs **Fotal BTEX** Total TPH o-Xylene Benzene **Foluene** 

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Odessa Laboratory Director Brént Barron

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- 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.
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- J The target analyte was positively identified below the MQL and above the SQL.
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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 1-20 East, Odessa, TX 79765	(432) 563-1800	(432) 563-1713
842 Cantwell Lane, Corpus Christi, TX 78408	(361) 884-0371	(361) 884-9116

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#### Sample Roceipt Checklist

#1 Temperature of container/ cooler?	Yës	No	• E, ° C
#2 Shipping container in good condition?	Yes	No	
#3 Custooy Seals intact on shipping container/ cooler?	Yes'	No	Not Present
44 Custody Seals mact on sample bottles/ container?	Yes	No	Hot Present
#5 Chain of Custody present?	Yes	No	
#6 Sample instructions complete of Chain of Custon/?	Yes	No	
#7 Chain of Custody signed whilin relinquished/ roceived?	Yes	No	
#8 Chain of Custody agrees with sample label(s)?	Yes	No	iD sumen on Con i Ld
#9 Container label(s) legible and intact?	Yes	No	No: Applicable
#10 Sample matrix/ properties agree with Chain of Custody?	Yes	No	
#11 Containers supplied by ELOT?	Yes	No	•
#12 Samples in proper container/ bot/le?	cros	No	San Briow
#12 Sencies properly preserved?	Yes	No	SILE BODW
#14 Sample boilies intact?	Yes	No	1
#15 Preservations documented on Chain of Custody?	Yes	No	
#16 Containers cocumented on Chain of Custody?	Yes	No	
#17 Sufficient sample amount for indicated test(s)?	No\$	No	See Below
#18 All samples received within sufficient hold time?	Yes)	No	See Below
#19 Succontract of sample(s)?	Yes	No	Not Applicable
#20 VOC samples have lero Lendspace?	Yes	No	No: Aúp'icable

#### Variance Documentation

Contact

Connected Ly

Regarding

Date/ Firna

Corrective Action Taken

Check all that Apply

100

See allached e-mail/ laz

Client understands and would like to proceed with analysis Cooling process had Learn shorty after sampling event

Page 77 of 103

CGS/Comp-001. .002/a/003/ CGS/Comp-001. CGS/Comp-004 CGS/Comp-004 CGS/Comp-004 CGS/Comp-004 CGS/Comp-004 CGS/Comp-004 CGS/Comp-004 CGS/Comp-004 CGS/Comp-001. CGS/Comp-001. CGS/Comp-001. CGS/Comp-001. CGS/Comp-001. CGS/Comp-001. CGS/Comp-001. CGS/Comp-001. CGS/Comp-001. CGS/Comp-001. CGS/COMP-001. CGS/CGS/CGS/CGS/CGS/CGS/CGS/CGS/CGS/CGS/	2 (Comp-008, 107,8,008, X X X 4 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4		GS/Comp-0 8 001 (2/26/2					MAY 77 2009
PVC Conduit	Pipe	•						•
Sample ID Sample Area	Sample Date	Sample Type,	Depth	BTEX	GRO	DRO	TOTAL	Chlondes
GS/Comp-002	1/22/2009	Grab/Auger	14' x 2'	36.713	1360	3010	4370	5120
GS/Comp-003/ South Stewall .	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
<b>同己投稿的周期常能</b> 是要愿意	1/22/2009	Grab/Shovel	14' x 1'	24.724	1300	3570	4870	778
Contractor Design Complet A mag	Contrillor Distri	Sample Type	Marna Alexan	BTEX	GRO	DRO	TOTAL	Chlondes
Sample ID Sample Area	2/5/2009	Grab	1' (20' BGL)	ND	ND	ND	ND	6.23
GS/Comp-001 Bottom/NWComer								
GS/Comp-002 Bottom/NWComer	2/5/2009	Grab	2' (21' BGL)	9.2094	250	1050	1300	29.3
GS/Comp-003 Bottom/NWComer	2/5/2009	Grab	3' (22' BGL)	0.0063	22.8	125	147.8	32.3
NGE/ORINPEOR TRUCK (WORKING		Gebied	HERE EGU		2050	60504		322
IS Compared outsidours for	99914(20) Ser	Contenate of	a ta sieu		576	7.0		17800
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GS/Comp-007. ALC Conduited An	2/5/2009	Grab	112(20/BGL)	38:5	A16301	4310	5940	633
GS/Comp-008 Conduit	2/5/2009	Grab	2' (21' BGL)	20.04	497	1920	2417	462
Conduit	2/5/2009	Grab	3' (22' BGL)		58.2	264	322.2	111
North side end of					(1) 出版社 (1)			
GS/Comp-010 conduit North side end of	° 2/5/2009 - •	Grab.	19' X 2'	113.2	. 3620	8970	12590	989
GS/Comp-001 conduit	2/26/2009	Grab	19' X 6'	0.0601	18.4	756	774.4	ND
GS/Comp-011 conduit	2/5/2009	Grab	19' X 2'	281.96	7680	16100	23780	5210
Site Ranking is Zero (0). Dept								
Chloride results are for reference			<i>j</i> • <i>i</i>					

J Lazy J #13

Section 22, T17S-R25E

Eddy County, NM

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EXHIBIT Sample Diagram (Not to Scale)

Prepared by Robert Asher Environmental Regulatory Agent March16, 2009

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# **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

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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

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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

.

Contact: Robert Asher



Date Received in Lab: Fri Feb-27-09 11 30 am 00-4 A M. 50 rt Date. å

Project Location: Eddy County			Keport Date: WAR-US	60-XV/M-60	
			Project Manager: Brent Barron, I.	Brent Barron, II	
	Lab Id:	326133-001			
Andweis Ponnoctad	Field Id:	GS/Comp-001			
naisanhay sustimut	Depth:	1-1 Å	•		
	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		1100 0 DN			
Tolucne		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.				
	Analyzed.	Feb-28-09 09 43			
	Units/RL:	% RL			
Percent Moisture		5 93 1 00			
TPH Bv SW8015B Mod	Extracted:	Mar-01-09 19 43			
	Analyzed.	Mar-01-09 23 18			
	Units/RL:	mg/kg RL			
C6-C10 Gasoline Range Hydrocarbons		184 159			
C10-C28 Diesel Range Hydrocarbons		756 159			
Total TPH		774 4 159			

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This analytical report, and the emite data package it represents has been made. For your exclusive, and confidential use. The interpretations and revealts expressed the barytical report to preserve the bary angement of VENCO Laboratomes NEONCOL Laboratomes resources to repossibility, and makes no warrany to the end use of the data hereby presented Our liability, it limited to the amount myored for this work order unless otherwise agreed to an writing.

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Odcssa Laboratory Director

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- 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.
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- 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.

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# **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

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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.

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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,

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Brent Barron, II Odessa Laboratory Manager

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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



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

# Certificate of Analysis Summary 326134 Vates Petroleum Corporation, Artesia, NM

Project Name: J Lazy J # 13



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

roiect Location: Eddy County			Report Date: 03-MAR-()9	03-MAR-()9
			Project Manager: Brent Barron, II	Brent Barron, II
	Lab Id.	326134-001		
Analycis Romostod	Field Id-	GS/Comp-001		
noiconhow exclusive	Depth.	1-1 Û		
	Matrix:	SOIL		
	Sampled:	Sampled: Fcb-26-09 13 45		
Anions by EPA 300	Extracted.			
	Analyzed:	Mar-02-09 08 44		
	Umtr/RL:	mg/kg RL		
Chloride		ND 213		
Percent Moisture	Extracted.			
	Analyzed.	Feb-28-09 09 43		
	Units/RL:	% RL		
Percent Moisture		5 93 1 00		

This much that in point, and the entire data pack-get it tepts sents has been made for your excluents and confidential use The interpretations and results expressed throughout this analysticate lippoint repression do for a lippoint of XENCO Laboratories XENCO Laboratories are not severate no to reprovability, and makes no variants, to the end use of the data hereb Our liabelity, to limited to the amount invoiced for this work order unlose otherwise agreed to in writing.

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Odcssa Laboratory Director C Brént Barron

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

Client	_ intes RA
Date/ Time	27109 11:30
Lop ID #	320133 / 326131
init ais	.L

#### Sample Receipt Checklist

Chant Instante

Date/ Time

			Client Innia
Temperature of container/ cooler?	Yes'	No	
Shipping container in good condition?	(Yes)	No	
Clustocy Spais intact on shipping container: cooler?	Yes.	No	Not Present
Custody Seals intect on sample boitles/ container?	Yes)	No	Not Present
Chain of Custocy present?	(Yes)	No	
Sample instructions complete of Chain of Custody?	(Yes	No	
Chain of Custody signed when rolinguished/ received?	(Yes:	No	
Chain of Custody agrees with sample label(s)?	(Yes	No	ID written on Cont / Ltd
Container label(s) legible and intact?	CY:09	No	Not Applicatile
Sample manu/ properties agree with Chain of Custody?	Yes	No	
	(YOS)	No	1
Samples in proper container! bottle?	Yes	No	Sunitetow
Samples properly preserved?	Ves	No	Sue Belgy.
Sample boliles intact?	Yas	No	
Preservations documented on Chain of Custony?	Yes	No	
Containers documented on Chain of Custody?	(Yes	No	
	Yes	No	Sae Be'ow
All samples received within sufficient hold time?	(Yes	No	See Below
	Yes	No	· Not Applicable
VOC samples have zero headspace?	(Yes )	No	Not Appl.cable
	Shipping container in good condition? Custody Seals infact on shipping container? cooler? Custody Seals infact on shipping container? Chain of Custody prosent? Sample instructions complete of Chain of Custody? Chain of Custody signed when rolinguished/ received? Chain of Custody agrees with sample label(s)? Container tabel(s) legible and infact? Sample marri/ properties agree with Chain of Custody? Containers supplied by ELOT? Samples in proper container? bottle? Sample bottles intact? Preservations documented on Chain of Custody? Containers documented on Chain of Custody? Containers documented on Chain of Custody? Sufficient sample amount for indicated test(s)? All samples received winin sufficient hold time?	Shipping container in good condition?	Shipping container in good condition?  Yes)  No    Custody Seals infact on shipping container? cooler?  Yes)  No    Custody Seals infact on shipping container? cooler?  Yes)  No    Custody Seals infact on shipping container?  Yes)  No    Chain of Custody present?  Yes)  No    Sample instructions complete of Chain of Custody?  Yes  No    Chain of Custody signed when rolinquished/ received?  Yes  No    Chain of Custody agrees with sample label(s)?  Yes  No    Container tabel(s) legible and infact?  Cyes  No    Containers supplied by ELOT?  (Yes)  No    Samples in proper container?  Yes  No    Samples properly preserved?  Yes  No    Sample bottles intact?  Yes  No    Sufficient

Variance Documentation

Contact

Regarding

Corrective Action Taken,

Check all that Apply

See attached e-mail/ lav

Contacted by

Client understands and would like to proceed with analysis Cooling process had begun shortly after sampling event

### Bratcher, Mike, EMNRD

From: Sent: To: Cc: Subject: Bratcher, Mike, EMNRD Monday, March 09, 2009 7:42 AM 'Jerry Fanning'; Bob Asher Lisa Norton; LeeRoy Richards; Wade Bennett 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.

Received by OCD: 4/3/2023 12:57:34 PM

**Robert Asher Yates Petroleum Corporation** 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 TORD will do wonders among you. Joshua 3:5

Received by OCD: 4/3/2023 12:57:34 PM

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Top FRIDAY 2/20/09 Common

Bratcher, Mike, EMNRD

From: Sent: To: Cc: Subject:

Page 93 of 103

Bratcher, Mike, EMNRD Thursday, February 19, 2009 8:16 AM 'Bob Asher' Jerry Fanning 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 <u>boba@yatespetroleum.com</u> 575-748-4217 (Office) ... 575-365-4021 (Cell) 575-748-4662 (Fax)

And Jushna said unto the people, Sarchfy sourceives for to morrow the FORD will do wonders innergy you. Jushua 595

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Released to Imaging: 5/1/2023 10:07:05 AM

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Received by OCD: 4/3/2023 12:57:34 PM

New Mexico O	ffice of the	e State Eng	ineer New Mexico O	ffice of the Sta	ate Engineer		Page 1 of
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#### AVERAGE DEPTH OF WATER REPORT 03/20/2009

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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	55221	.1 363	35282	1	200	200	200
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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	175	25E 23				2	171	196	184
RA	17S	25E 25				1	150	150	150
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	PVC Conduit I	Pipe							
1 - A to be from # 35				The Assessment					
Sample ID	Sample Area		Sample Type Grab/Auger	Depth 14' x 2'	BTEX: 36.713	GRO 1360	DRO 3010	_ TOTAL 	Chlondes 5120
GS/Cômp40031		1/22/2009	Grab/Auger	14' x 3'	9.7591	394	1240	1634	503
GS/Comp-004	North Sidewali	1/22/2009	Grab/Auger	15' x 1'	ND	ND 1200	ND 0570	ND 4070	ND
化工作制造 [1]		1/22/2009	Grab/Shovel	14' x 1'	24.724	1300	3570	4870	778
Sample ID	Sample Area		Sample Type		BTEX	GRO	DRO	TOTAL	(Chlorides
GS/Comp-001	Bottom/NWComer	2/5/2009	Grab	1' (20' BGL)	ND	ND	ND	ND	6.23
GS/Comp-002.	Bottom/NWComer	2/5/2009	Grab	2' (21' BGL)	9.2094	250	1050	1300	29.3
GS/Comp-003	Bottom/NWComer	2/5/2009			( ,	1	125	147.8	32.3
A lot of the second state of the second state	CONTRACTOR AND CAME BOR OF MUSIC	1	Grab		0.0063	22.8			322
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	Denom Svæðingi Denom Avy Somer	2/5/2009			0.0063	2055			17800
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(CS)/Comp-006 (CS)/Comp-008 (CS)/Comp-007 (CS)/Comp-008	Bottom/SWCome Bottom/SWCome Bottom/SWCome Bottom/Eastofr Conduit Bottom/East of Conduit North side end of conduit	2/5/2009) 2/5/2009 2/5/2009 2/5/2009 2/5/2009	Grab Grab Grab Grab Grab	11:20.EGD 22(21:EGD) 3:222(EGD) 11:(202EGL) 2' (21' BGL)	3119933 12907 38:55 20.04 0.0375	2050(1 2240) 21100 1630(5 497	5200 4310 1920	6100 6140 7300 5940 2417	17800 16800 633 462
12 S)/Comp-Dela (CS//Comp-08/a (CS//Comp-007) (CS//Comp-009) (CS//Comp-010) (SS/Comp-011)	Bottom/SWCome Bottom/SWCome Bottom/Eastofr Conduit Bottom/East of Conduit North side end of	2/5/2009) 2/5/2009 2/5/2009 2/5/2009 2/5/2009 2/5/2009 2/5/2009	Grab Grab Grab Grab Grab Grab Grab	E (20, EG()) 2(2)(EG()) 3(22)(EG()) 1(20, EG()) 2'(20, EG()) 2'(20, EG()) 2'(20, EG()) 3'(22, EG()) 3'(22, EG()) 19' X 2' 19' X 2'	3119967 121907 38555 20.04 0.0375 113.2 281.96	2050 2240 2100 497 58.2 3620 7680	50504 47104 52104 4310 1920 264 8970 16100	6040 7300 5940 2417 322.2	17800 16800 633 462 111



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



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 Released to Imaging: 5/1/2023 10:07:05 AM

## Bratcher, Mike, EMNRD

From: Sent: To: Cc: Subject:

Page 98 of 103

Bob Asher [BobA@yatespetroleum.com] Tuesday, January 13, 2009 4:43 PM Bratcher, Mike, EMNRD Jerry Fanning Release ٤

Yates Petroleum Corporation is reporting a release at the following.

J<sup>·</sup>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 <u>boba@yatespetroleum.com</u> 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

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Released to Imaging: 5/1/2023 10:07:05 AM

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 RESOURES, INC. C-141 Closures (54) TRACKING NUMBERS

1RP #s	1RP #s	2RP #s
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		
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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		

10/18/2019

Received by OCD: 4/3/2023 12:57:34 PM

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

2RP #s	
2RP-0040	
2RP-0079	
2RP-0161	
2RP-0167	
2RP-0171	•••••
2RP-0175	
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2RP-0755	
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2RP-2967	
2RP-3651	
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2RP-4298 2RP-4465	
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2RP-4621	
2RP-4735	
2RP-4746	
2RP-4960	
2RP-4963	

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10/23/2019

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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

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

CONDITIONS

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

CONDITIONS

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Action 203348