District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W Grand Avenue, Artesia, NM 83210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fc, NM 87505

## State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised October 10, 2003

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

30-0/5	-118.	<b>Z</b>	Reie	ease Notific	catio	on and Co	orrective A	etion	l				
MUB	09/3/9	40672		0	PER	ATOR			🛛 Initia	l Report		Final Report	
Name of C		<del>V 7 </del>		OGRID Nur	nber	Contact				<del> </del>			
Yates Petro	leum Corp	oration		25575		Robert Ash				. <del>.</del>			
Address	_					Telephone 1							
104 S. 4 <sup>TII</sup>				40731		575-748-1471							
Facility Na				API Number		Facility Typ			Order I	Number			
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Surface Ov	ner			Mineral C	wner				Lcase 1	Vo.			
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Was Immedi	ate Notice C	liven?				If YES, To	Whom?		1/12/2009	) - AM			
, your minious	#10 / 101100 (		Yes 🔲	No 🗌 Not Re	quired		her – NMOCD/A	rtesia					
By Whom?						Date and H		<u>-</u>		<del></del>	3		
Robert Asher Was a Water			oration	·			Voicemail & e-m lume impacting t		Error of the	····			
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have taken ar	id analysis r	an for TPH &	BTEX (C	hlorides for refer	a sons, ence).	Further vertical	d and horizontal of	delineati	on sample:	s will be tak	en and	n sampies analysis will	
be ran for TP	H & BTEX	(Chlorides fo	r reference	). If initial analy	tical re	sults for TPH a	& BTEX are undo	r RRAL	's a Final	Report C-1	41 will	be	
submitted to	the OCD rec	pesting closu	re. If the	inalytical results.	ուց նին	ve the RRAL	work plan will b	oc submi	itted to the	OCD. Dep	th to C	round	
>1000'; SITI			/ Wickico (	onice of the Stat	e Engi	neer); Wellne	ad Protection Ar	rea: No;	Distance	to Surface	Water	Body:	
I hereby certi	ly that the ir	formation giv	en above	is true and compt	ete to t	he best of my	cnowledge and ur	nderstan	d that purs	uunt to NM	OCD rt	iles and	
regulations al	l operators a	re required to	report and	i/or file certain re	lease n	otifications an	d perform correct	tive actio	ons for rele	ases which	may en	dancer	
public health	or the enviro	onment. The	acceptance	of a C-141 repor	rt by th	e NMOCD ma	rked as "Final Re	port" de	es not reli	eve the oper	ator of	liability	
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Printed Name	Robert Asl	ier				Approved by E	Signed Brooks	F.17.7 7	Nowie				
Title Environ	mental Regu	ilatory Agent				Approval Date	Y 1 1 2009		spiration D				
E-mail Addres	ss: boba@vr	ומסט ומוסט				Conditions of	Approval: REM	PCD ATT	en per	]			
					ı	moco Rala	+ Crubline	٢		Attached		İ	
Date Monday Attach Additi				575-748-4217						<u> </u>			
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## FACSIMILE TRANSMITTAL SHEET TO: FROM: Mike Bratcher Robert Asher FAX NUMBER: DATE: 9-748-9720 Monday, January 19, 2009 COMPANY: TOTAL NO. OF PAGES INCLUDING COVER: **NMOCD** NOTES/COMMENTS: RE: C-141; J Lazzy J #13 Initial Report (1/9/2009 Release) URGENT FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLHASE RECYCLE ADDITIONAL NOTES IN COMMENTS:

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

Thank you.

Robert Asher

**Environmental Regulatory Department** 

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

April 29, 2009

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

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

Dear Mr. Fanning,

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

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

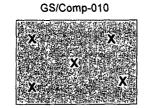
Again I appreciate your timely notification of Mr. Alam concerning the leak and getting his input of the proper repairs to insure that the integrity of the Channel in maintained.

Sincerely,

Louise Tracy

**Eddy County Flood Commissioner** 







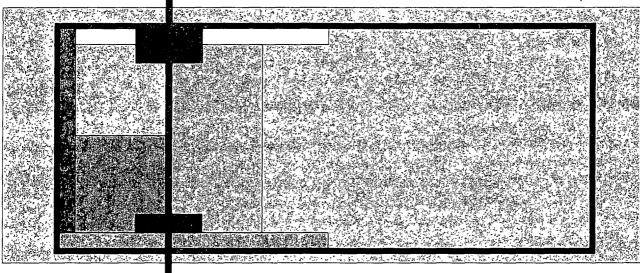




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GS/Comp-01



**PVC Conduit Pipe** 

Sample ID	Sample Area	Sample Date	Sample Type	Depth **	BTEX	GRO	DRO	TOTAL.	Chlorides
GS/Comp-009	Stockpile/NW Corner	1/22/2009	Grab/Shovel	1'	7.821 <sup>3</sup>	348	3620	3968	3140
GS/Comp-001	Stockpile/NW Corner	3/3/2009	Grab/Shovel	1-2'	1.556	194	1840	2034	
GS/Comp-010	Stockpile/North Side	1/22/2009	Grab/Shovel	1'	0.0273	48.1	1110	1158.1	727
GS/Comp-002		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

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

Prepared by Robert Asher Environmental Regulatory Agent April 15, 2009

# **Analytical Report 326410**

for

## **Yates Petroleum Corporation**

Project Manager: Robert Asher

J Lazy J # 13 30-015-21821

11-MAR-09





12600 West I-20 East Odessa, Texas 79765

Texas certification numbers: Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-TX

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

South Carolina certification numbers: Norcross(Atlanta), GA 98015

North Carolina certification numbers: Norcross(Atlanta), GA 483

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



11-MAR-09



Project Manager: Robert Asher Yates Petroleum Corporation 105 South Fourth St.

105 South Fourth St Artesia, NM 88210

Reference: XENCO Report No: 326410

J Lazy J # 13

Project Address: Eddy County

#### Robert Asher:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 326410. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 326410 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II

Odessa Laboratory Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

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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 1d
GS/Comp-001	S	Mar-03-09 14:12	1 - 1 ft	326410-001
GS/Comp-001	S	Mar-03-09 14:31	1 - 1 ft	326410-002



## Certificate of Analysis Summary 326410

## Yates Petroleum Corporation, Artesia, NM

Project Name: J Lazy J # 13

Project Id: 30-015-21821

Contact: Robert Asher

Project Location: Eddy County

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

Report Date: 11-MAR-09

				Project Manager: Brent Barton, II
	Lab Id	326410-001	326410-002	
Analysis Requested	Field Id:	GS/Comp-001	GS/Comp-001	
Anutysis Requested	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:	Mat-10-09 15 45	Mar-10-09 15 45	
	Analyzed:	Mar-10-09 20 32	Mar-10-09 20 55	
•	Units/RL:	mg/kg RL	mg/kg RL	
Benzene		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	% RL	
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	
<b>,</b>	Analyzed:	Mar-05-09 12 38	Mar-05-09 13 02	
	Units/RL:	mg/kg RL	mg/kg RL	
C6-C10 Gasoline Range Hydrocarbons		194 81 5	37 2 16 5	
C10-C28 Diesel Range Hydrocarbons		1840 81 5	702 16 5	
Total TPH		2034 81 5	739 2 16 5	

This analytical report and the entire data package it represents has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of NENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing

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Odessa Laboratory Director

Page 4 of 12



## **Flagging Criteria**



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

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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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## **Environmental Lab of Texas**

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

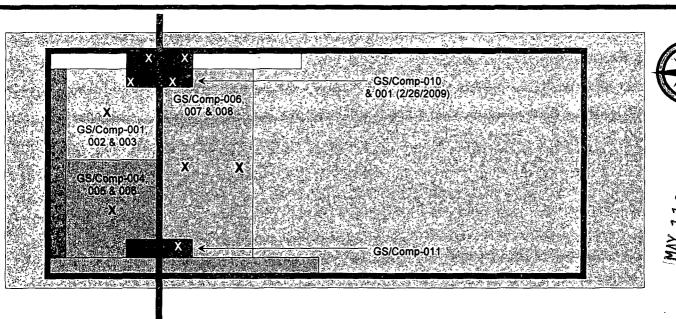
12600 Word I-20 Fast Odessa, Texas 19765 Phone 432-563-1800 Fax: 432-563-1713

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## Environmental Lab of Texas

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Date/ Time	5 4 09 10 00			•	•
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	Sample Receipt	Checklist			
	and the second s	TVE		·	Chent Initials
	e of container/ cooler? orainer in good condition?	Yes	No No		
		Yes		Alex Steel	!
	als intact on shipping container/ cooler? als intact on sample bottles/ container?	Yes'	No.	Not Present	
		Yes	No	Not Present	ļ
	stoay present?	Yes	No_	·	
	ructions complete of Chain of Custon/2	Yes	No_		
	stody signed when relinquished/ received?	Yes	No_		
	stody agrees with sample label(s)?	Yes	No	iD written on Con i Lid	
	bel(s) legible and intact?	Yes	No	Not Applicable	
	and properties agree with Chain of Custody?	Yes	No_	ļ	
	supplied by 61.017	Yes	No		
	proper container/ bottle?	Yos	No	See Below	<del> </del>
	operly preserved?	Yes	No	Si e Below	1
14 Sample bo		Yes	No_	ļ	<del> </del>
	ons documented on Chain of Custody?	Yes	No		
	cocumented on Chain of Custody?	Yes	No		
	ample amount for indicated test(s)?	Yes	No	See Below	
	s received within sufficient hold time?	Yes)	No	See Below	
- Water and the same of the sa	et of sample(s\?	Yes	No	Mol Approable.	
20 VOC samp	les have zero Leadspace?	Yes.	No	No: Applicable	<u> </u>
	Variance Docur	nentation			
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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
		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
erezonnerez	e di milente no contro	EDELEGISE.	E-GEN	HEODECH)	11196	2030	6050	12 <b>131</b> 010	322
es dometos	Battori (SWC o ner	2/5/2008	e Greb 3	2' (24' BGL)	128.07	2240	4710	BBB0: 1	17800
GS/Comp-008	The state of the s	2)5/2009	Grab**	31 (22 BGL)	71.42	2100	: <b>52</b> 00 :	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 o	2/5/2009	Grab	19' X 2'	281.96	7680	16100	23780	5210

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



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

EXHIBIT Sample Diagram (Not to Scale)

Prepared by Robert Asher Environmental Regulatory Agent March16, 2009

# **Analytical Report 326133**

for

## **Yates Petroleum Corporation**

Project Manager: Robert Asher

J Lazy J # 13 30-015-21821

03-MAR-09





12600 West I-20 East Odessa, Texas 79765

Texas certification numbers:
Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-TX

Florida certification numbers:

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

> South Carolina certification numbers: Norcross(Atlanta), GA 98015

> North Carolina certification numbers: Norcross(Atlanta), GA 483

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



03-MAR-09



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

Reference: XENCO Report No: 326133

J Lazy J # 13

Project Address: Eddy County

### Robert Asher:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 326133. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 326133 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II

Odessa Laboratory Manager

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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 1d
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

nelac

**Project Id:** 30-015-21821

Project Location: Eddy County

Contact: Robert Asher

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

Report Date: 03-MAR-09

					Project Manager:	Brent Barron, II	
	Lab Id:	326133-001					
Analysis Requested	Field Id:	GS/Comp-001					
Analysis Requesica	Depth:	1-1 ft			,		
	Matrix:	SOIL		•		ĺ	
	Sampled.	Feb-26-09 13 45	i I				
BTEX by EPA 8021B	Extracted:	Feb-27-09 13 00					
212113, 211130212	Analyzed:	Feb-27-09 14 35					
	Units/RL:	mg/kg RL			}		
Benzene		ND 0 0011					
Tolucne		ND 0 0021					
Ethylbenzenc		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 By SW8015B Mod	Extracted:	Mar-01-09 19 43					
Tim by Swootsb wou	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					
otal TPH		774 4 15 9					

This analytical report and the entire data package it represents has been made for your evaluative and confidential use. The interpretations and results expressed throughout this analytical report represent the beet judgment of VENCO Laboratories XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount involved for this work order unless otherwise agreed to in writing

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Brent Barron
Odessa Laboratory Director



# Flagging Criteria



- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the MQL and above the SQL.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte.

  The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- \* Outside XENCO's scope of NELAC Accreditation.

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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

# **Analytical Report 326134**

for

## **Yates Petroleum Corporation**

Project Manager: Robert Asher

J Lazy J # 13

30-015-21821

03-MAR-09





12600 West I-20 East Odessa, Texas 79765

Texas certification numbers: Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-TX

Florida certification numbers:

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

> South Carolina certification numbers: Norcross(Atlanta), GA 98015

> North Carolina certification numbers: Norcross(Atlanta), GA 483

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



03-MAR-09



Project Manager: Robert Asher Yates Petroleum Corporation 105 South Fourth St.

Artesia, NM 88210

Reference: XENCO Report No: 326134

J Lazy J # 13

Project Address: Eddy County

## Robert Asher:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 326134. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 326134 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II

Odessa Laboratory Manager

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# **Sample Cross Reference 326134**



# Yates Petroleum Corporation, Artesia, NM

J Lazy J # 13

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



## Certificate of Analysis Summary 326134

## Yates Petroleum Corporation, Artesia, NM



Project Id: 30-015-21821

Project Location: Eddy County

Contact: Robert Asher

Project Name: J Lazy J # 13

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

Report Date: 03-MAR-09

				Project Manager:	Brent Barron, Il	
*	Lab Id.	326134-001				
Analysis Requested	Field 1d	GS/Comp-001				
Analysis Requested	Depth.	1-1 ft				
	Matrix;	SOIL				
	Sampled:	Feb-26-09 13 45				
Anions by EPA 300	Extracted.					
,	Analyzed:	Mar-02-09 08 44				
	Unity/RL:	mg/kg R	L	 		
Chloride		ND 21	3			
Percent Moisture	Extracted.					
	Analyzed:	Feb-28-09 09 43				
	Units/RL:	% R	L .			
Percent Moisture		5 93 1 0	0			

This analytical report, and the entire data package it represents has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories AENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing

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Brent Barron
Odessa Laboratory Director



## **Flagging Criteria**



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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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N.

## **Environmental Lab of Texas**

#### CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East Odessa, Texas 79765 Phone 432-563-1800 Fax 432-563 1713

	Project Manage	Roreit Asher														-	Proje	rct N	ame	11	azį	J#	1,3							
	Compan, Name	aces Penuleum Curpara	Lor															Proje	KST #,	ىد	015	-21	821							
	Company Audress	100 Court 4th Street												<b></b>			Pro	y <del>-</del> ct	Loc-	Far	1. Ce	11 مياديا	<u>.</u>							
	OrtyrStelle Zic	Fresia NM 58713						_										F	o #	105	KIJ.				_					
	Tues have No	506 748 421.				Fax No		505	5 / 4	-460	:					Reg	ent f	orm	at	<u>.</u>	· a	First of	n	 Ł	- T	F1 =1		r <sub>ju</sub>	•1 1/F	5
	Sampler Signative	2000				e-n ar		bo	ba	Qγ,	007	ım	cer	17																
الرائل ليون						•		4-7-	anat:T				-	<u> </u>			F			_	G T	Ār	alvze	150	7				T	1
ORDE		135							<b>-</b>	Year	. 646	. 2 #	Se	N AT P		Mat		*-1	T-		1.,		7	-			1		14.7	
LAB & (lab us + orby)	3.7.4	D 34	Beginning Delath	Ending Depth	Date Sample 1	Tra Sancles	(History et	ACLE OF COPE THE	97	, ,				10.00	- Simpt*1	Date 1 bray har Carbush	and the Standard Come	Trit 415; 02:00 8":68	1. 4.61, 4.51	Ĉ	ANN ESPICEE	** ** *** *** *** *** *** ***	- 1	April 20 at at a contract and a cont		, , , , , , , , , , , , , , , , , , ,	Chelbs,		PUSH TAT (Presence rel 24 4),	
01	GS-0	Comp-001	1,	1'	2/26/2009	1 45 PM		1	х			I	İ	Ì	L	S		X	Ī	I				1	ď.	Ī	Ϋ́		1	
Special		H. CRIDE RESULTS RATE REPERT THH: 80150-81		021B	& Chlorines	Please spor	w 3	TE)	16	hu (5	-	mg	53	Tha		vou			La	maje	Joi	Hair	nime saire	ribaci					N. N.	
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## Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Chect	1stes 121
Date/ Time	771 UT 11 30
t 30 ID#	376134 / 376134
roit ais	<u> </u>

#### Sample Receipt Checklist

				Client Initial
# ;	Temperature of container/ ocoler?	Yes	No	5 C C
#2	Shipping container in good condition?	(Yes)	No	
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present
r;-1	Custody Seals intect on sample bottles/ container?	(es)	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?	(Yes)	No	
#8	Chain of Custody agrees with sample lanel(s)?	(Yes	No	ID written on Cont / Lid
<b>#</b> 9	Container label(s) legible and intact?	C) es	No	Not Applicable
#10	Sample matrix/ properties agree with Chain of Custody?	Yes	No	
#11	Containers supplied by ELOT?	(Yos	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	
<b>#</b> 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	Sae Berow
#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	special and dept.
Regarding				
Corrective Action Taker	n,			the state of the s
Check all that Apply		See attached e-mail/ fax Client understands and would like to proceed with Cooling process had begun shortly after sampling		

## Bratcher, Mike, EMNRD

From:

Bratcher, Mike, EMNRD

Sent:

Monday, March 09, 2009 7:42 AM

To:

'Jerry Fanning'; Bob Asher

Cc:

Lisa Norton; LeeRoy Richards; Wade Bennett

Subject:

RE: J Lazy J #13

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

Mike Bratcher

**From:** Jerry Fanning [mailto:jerryf@yatespetroleum.com]

**Sent:** Saturday, March 07, 2009 11:04 AM **To:** Bob Asher; Bratcher, Mike, EMNRD

Cc: Lisa Norton; LeeRoy Richards; Wade Bennett

Subject: RE: J Lazy J #13

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

----Original Message-----

From: Bob Asher

Sent: Tuesday, February 24, 2009 8:16 AM

To: ' (mike.bratcher@state.nm.us)'

Cc: Jerry Fanning; Lisa Norton; LeeRoy Richards; Wade Bennett

Subject: J Lazy J #13

Mike,

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

If you have any questions please contact me.

Thank you.

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

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

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

## Bratcher, Mike, EMNRD

From:

Bratcher, Mike, EMNRD

Thursday, February 19, 2009 8:16 AM

or Friday 2/20/09

ORAN

To: Cc: Subject:

Sent:

'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.

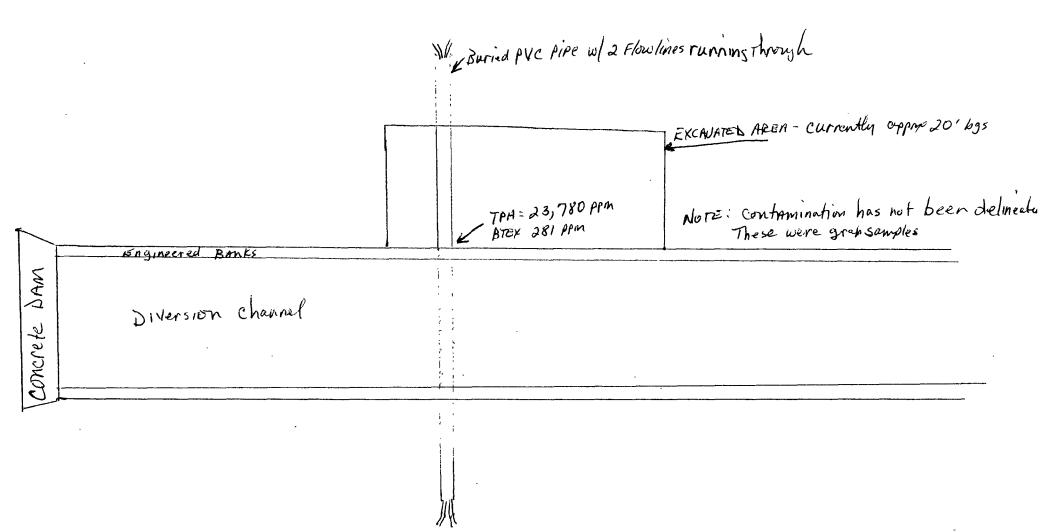
Please contact me if another time of the day is better for you.

Thank you.

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

And Joshna said unto the people, Sanctify sourceives for to moreov the LORU will do wanders imong you. Joshna 5:5

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



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

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

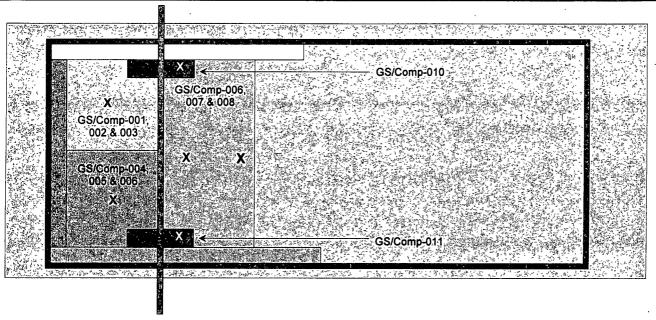
Owner Name: (First) (Last) Onn-Domestic Onnestic 
POD / Surface Data Report Avg Depth to Water Report Water Column Report

Clear Form iWATERS Menu Help

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

						(Depth	water in	reet)	
Bsn	Tws	Rng Sec	Zone >	Y	Wells	Min	Max	Avg `	
RA	17S	25E 01			37	106	227	175	
RA	17S	25E 02			4	170	300	213	
RΑ	17S	25E 03			1	210	210	210	
RA	17S	25E 04			2	159	185	172	
RA	17S	25E 06			1	30	30	30	
RA	17S	25E 07			3	230	300	275	
RA	17S	25E 08			5	87	220	186	
RA	17S	25E 09			36	160	403	208	
RA	17S	25E 11			33	80	227	175	
RA	17S	25E 12			33	50	190	130	
RA	17S	25E 12	552211	3635282	1	200	200	200	
RA	17S	25E 13			25	70	180	110	
RA	17S	25E 14		•	18	135	300	192	
RA	17S	25E 15			12	140	220	186	
RA	17S	25E 16			1	205	205	205	
RA	17S	25E 17			2	100	200	150	
RA	17S	25E 21			1	180	180	180	
RA	17S	25E 22			1	200	200	200	
ŔĀ	17S	25E 23			2	171	196	184	
RA	17S	25E 25			1	150	150	150	
RA	17S	25E 27			1	200	200	200	
RA	17S	25E 35			1	185	1.85	185	

Record Count: 221





**PVC Conduit Pipe** 

Sample ID	Sample Area	Sample Date	Sample Type	Depth	"BTEX	GRO	DRO	TOTAL	Chlorides
GS/Comp-002	South Sidewall	1/22/2009	Grab/Auger	14' x 2'	36.713	1360	3010	4370	5120
⊮GS/Comp-003	South Sidewall 🕠	1/22/2009	Grab/Auger	14' x 3'	9.7591	394	1240	1634	503
GS/Comp-004	North Sidewall	1/22/2009	Grab/Auger	15' x 1'	ND	ND	ND	ND	ND
的人们的国家的最		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
@S/Comp-004	Bottom/SWComen	2/5/2009	€ Grab (##	1 (50) BGI)	119,6	2050	6050 4	B100	322
GS/Cemp4005	Bottom/SWComer	2/5/2009	Grab //	2 (21 BBL)	125.07	2240	4740	6050	17800
GS/Comp-006	20.000	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 so conduit	2/5/2009	Grab	19' X 2'	113.2	3620	8970	12590	989
்GS/Comp-011	South side end of conduit	2/5/2009	Grab	19' X 2'	281.96	7680	16100	23780	5210

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

Chloride results are for reference



J Lazy J #13

Section 22, T17S-R25E Eddy County, NM EXHIBIT Sample Diagram (Not to Scale)

Prepared by Robert Asher Environmental Regulatory Agent February 18, 2009













GS/Comp-012





GS/Comp-012

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	X
GS/Comp-007	GS/Comp-006
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	GS/Comp-008
	- GOLOMBOO
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	<b>5</b>

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.	<b># 14</b> ! x 1! □	99.905	<b>32080</b> -	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
		1/22/2009	Grab/Shovel	14' x 1'	24.724	1300	3570	4870	778
GS/Comp-006		1/22/2009	Grab/Shovel	1' (17' BGL)	47.785	1630	3980	5610	10700
4G8/Comp-007/		1/22/2009	Grab/Shovel	1 (17:BGV)	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

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

Prepared by Robert Asher Environmental Regulatory Agent February 2, 2009

## Bratcher, Mike, EMNRD

From:

Bob Asher [BobA@yatespetroleum.com]

Sent:

Tuesday, January 13, 2009 4:43 PM

To:

Bratcher, Mike, EMNRD

Cc:

Jerry Fanning

Subject:

Release

Yates Petroleum Corporation is reporting a release at the following.

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

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

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

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

Please call if you have any questions.

Thank you.

Robert Asher Yates Petroleum Corporation <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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