

MARTIN YATES, III
1912-1985

FRANK W. YATES
1936-1986



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

S.P. YATES
CHAIRMAN EMERITUS

JOHN A. YATES
CHAIRMAN OF THE BOARD

FRANK YATES, JR.
PRESIDENT

PEYTON YATES
DIRECTOR

JOHN A. YATES, JR.
DIRECTOR

August 27, 2008

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

RE: Medano VA State #4
2RP-184
30-015-26633
Section 16, T23S-R31E
Eddy County, New Mexico

Dear Mr. Bratcher,

Enclosed please find a Form C-141, Final Report for the above captioned site regarding the release on June 9, 2008. Vertical/horizontal delineation was conducted on August 13, 2008 and sent to an OCD approved laboratory (enclosed diagram and results). The depth to ground water is greater than 100' (168' per the New Mexico Office of the State Engineer) and the site ranking score is zero (0), RRAL's for BTEX is 50 ppm and TPH is 5000 ppm, the enclosed analytical results are below the Recommended Remediation Action Levels. Yates Petroleum Corporation requests closure.

Thank you.

YATES PETROLEUM CORPORATION

Robert Asher
Environmental Regulatory Agent

Enclosure(s)
/rca

RANDY G. PATTERSON
SECRETARY

DAVID LANNING
CHIEF OPERATING OFFICER

DENNIS G. KINSEY
TREASURER

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company Yates Petroleum Corporation	OGRID Number 25575	Contact Robert Asher
Address 104 S. 4 TH Street	Telephone No. 505-748-1471	
Facility Name Medano VA State #4	API Number 30-015-26633	Order Number 2RP-184

Surface Owner State	Mineral Owner State	Lease No. VO-0120
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LOCATION OF RELEASE

Unit Letter L	Section 16	Township 23S	Range 31E	Feet from the 1980	North/South Line South	Feet from the 330	East/West Line West	County Eddy
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Latitude 32.30252 Longitude 103.78976

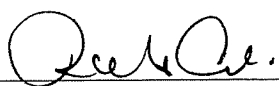

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 40 B/PW	Volume Recovered 20 B/PW
Source of Release Main water line	Date and Hour of Occurrence 6/9/2008, AM	Date and Hour of Discovery 6/9/2008, AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher/NMOCD District II,(Voicemail)	
By Whom? Bob Asher/YPC Environmental Department	Date and Hour 6/10/2008, PM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	
If a Watercourse was Impacted, Describe Fully.* N/A		

Describe Cause of Problem and Remedial Action Taken.*
Main produce water line northeast of Medano VA State #4 ruptured. Isolated line, shut down well(s), called vacuum truck and repaired line.

Describe Area Affected and Cleanup Action Taken.*
An approximate area of 125' X 10'. Vacuum truck picked up remaining produced water. Vertical and horizontal delineation will be made and analysis ran for TPH/BTEX. If initial analytical results for TPH & BTEX are over RRAL's a work plan will be submitted. If initial analytical results for TPH & BTEX are under RRAL's a Final Report, C-141 will be submitted to the OCD requesting closure. **Depth to Ground Water: >100' (approx. 168' per New Mexico Office of the State Engineer), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 0. Yates Petroleum Corporation requests closure.**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Robert Asher	Approved by District Supervisor: 	
Title: Environmental Regulatory Agent	Approval Date: 4/6/2023	Expiration Date:
E-mail Address: boba@ypcnm.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: Wednesday, August 27, 2008	Phone: 505-748-1471	

Attach Additional Sheets If Necessary

Report Date: August 22, 2008
30-015-26633

Work Order: 8081524
Medona VA State #4

Page Number: 1 of 1
Eddy Co., NM

Summary Report

Robert Asher
Yates Petroleum Corp.
105 South 4th South
Artesia, NM, 88210

Report Date: August 22, 2008

Work Order: 8081524



Project Location: Eddy Co., NM
Project Name: Medona VA State #4
Project Number: 30-015-26633

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
170819	GS/Comp.-001	soil	2008-08-13	11:48	2008-08-15
170820	GS/Comp.-002	soil	2008-08-13	12:05	2008-08-15
170821	GS/Comp.-003	soil	2008-08-13	12:21	2008-08-15

Sample - Field Code	BTEX				TPH DRO	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
170819 - GS/Comp.-001	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00
170820 - GS/Comp.-002	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00
170821 - GS/Comp.-003	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00

New Mexico Office of the State Engineer
Point of Diversion Summary

[Back](#)

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

POD Number	Tws	Rng	Sec	q	q	q	Zone	X	Y
C 03351 POD1	23S	31E	04	4	1	4			

Driller Licence: 421 GLENN'S WATER WELL SERVICE

Driller Name: GLENN, CLARK A.

Source: Shallow

Drill Start Date: 11/20/2007

Drill Finish Date: 11/20/2007

Log File Date: 12/04/2007

PCW Received Date:

Pump Type:

Pipe Discharge Size:

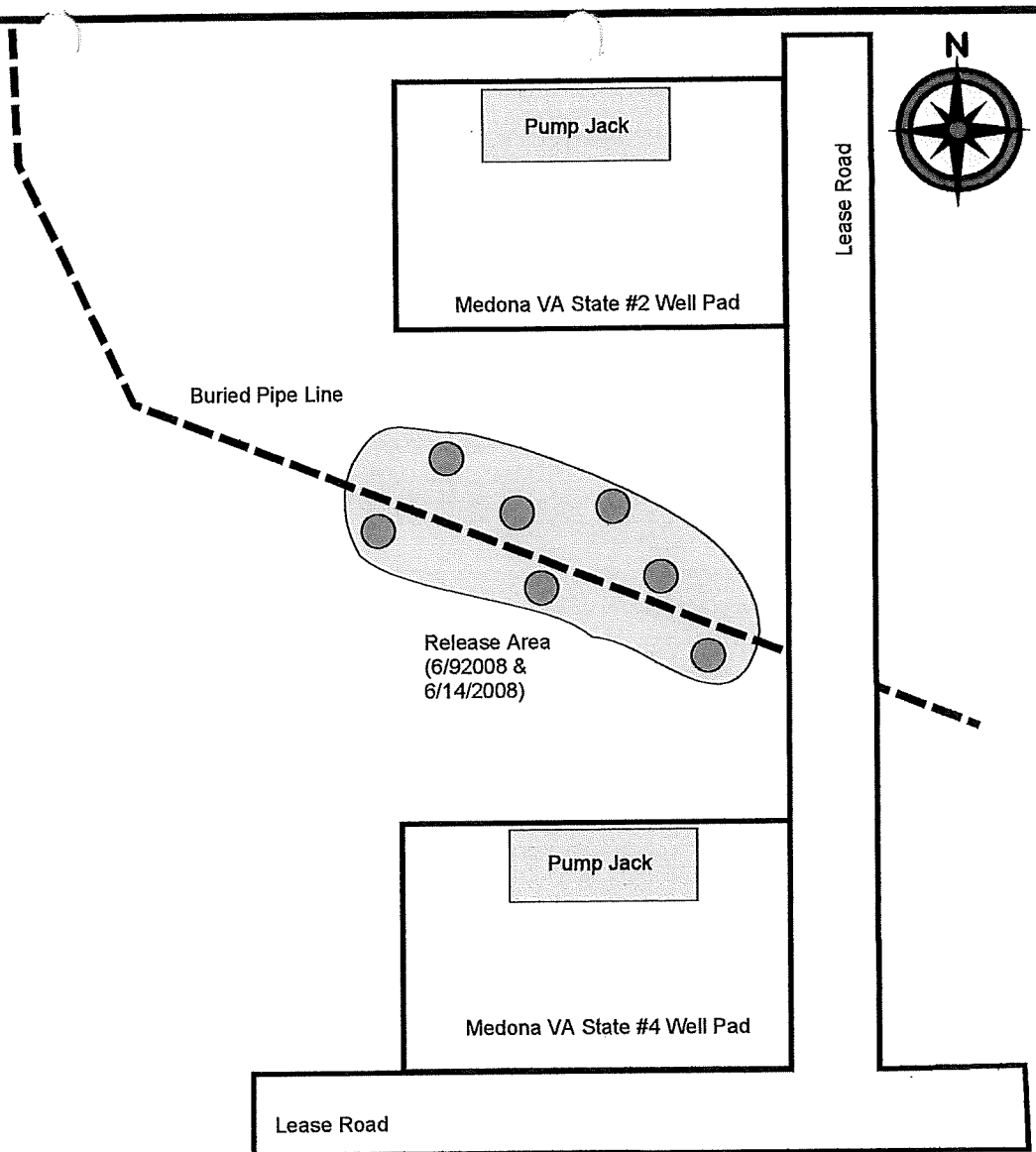
Casing Size: 6.63

Estimated Yield: 25

Depth Well: 320

Depth Water: 168

Water Bearing Stratifications:	Top	Bottom	Description
	240	265	Other/Unknown
Casing Perforations:	Top	Bottom	
	152	304	



Sample ID	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TPH TOTAL	Chlorides
GS/Comp-001	8/13/2008	Grab/Auger	1'	<0.04	<1.0	<50.0	<51.0	2870
GS/Comp-002	8/13/2008	Grab/Auger	2'	<0.04	<1.0	<50.0	<51.0	3250
GS/Comp-003	8/13/2008	Grab/Auger	3'	<0.04	<1.0	<50.0	<51.0	5160

Site Ranking is Zero (0). Depth to Ground Water >100' (approx. 125'). All results are ppm.



Medona VA State #4
Section 16, T23S-R31E
Eddy County, NM

EXHIBIT
Sample Diagram (Not to Scale)
 Prepared by Robert Asher
 Environmental Regulatory Agent
 August 21, 2008

Report Date: August 22, 2008
30-015-26633

Work Order: 8081524
Medona VA State #4

Page Number: 1 of 1
Eddy Co., NM

Summary Report

Robert Asher
Yates Petroleum Corp.
105 South 4th South
Artesia, NM, 88210

Report Date: August 22, 2008

Work Order: 8081524



Project Location: Eddy Co., NM
Project Name: Medona VA State #4
Project Number: 30-015-26633

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
170819	GS/Comp.-001	soil	2008-08-13	11:48	2008-08-15
170820	GS/Comp.-002	soil	2008-08-13	12:05	2008-08-15
170821	GS/Comp.-003	soil	2008-08-13	12:21	2008-08-15

Sample: 170819 - GS/Comp.-001

Param	Flag	Result	Units	RL
Chloride		2870	mg/Kg	2.00

Sample: 170820 - GS/Comp.-002

Param	Flag	Result	Units	RL
Chloride		3250	mg/Kg	2.00

Sample: 170821 - GS/Comp.-003

Param	Flag	Result	Units	RL
Chloride		5160	mg/Kg	2.00

TRACE ANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9
 200 East Sunset Road, Suite E
 5002 Basin Street, Suite A1
 8808 Camp Bowie Blvd. West, Suite 180

Lubbock, Texas 79424 800•378•1296
 El Paso, Texas 79922 888•588•3443
 Midland, Texas 79703
 Ft. Worth, Texas 76116
 E-Mail: lab@traceanalysis.com

806•794•1296 FAX 806•794•1298
 915•585•3443 FAX 915•585•4944
 432•689•6301 FAX 432•689•6313
 817•201•5260 FAX 817•560•4336

NELAP Certifications

Lubbock: T104704219-08-TX
 LELAP-02003
 Kansas E-10317

El Paso: T104704221-08-TX
 LELAP-02002

Midland: T104704392-08-TX

Analytical and Quality Control Report

Robert Asher
 Yates Petroleum Corp.
 105 South 4th South
 Artesia, NM, 88210

Report Date: August 22, 2008

Work Order: 8081524



Project Location: Eddy Co., NM
 Project Name: Medona VA State #4
 Project Number: 30-015-26633

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
170819	GS/Comp.-001	soil	2008-08-13	11:48	2008-08-15
170820	GS/Comp.-002	soil	2008-08-13	12:05	2008-08-15
170821	GS/Comp.-003	soil	2008-08-13	12:21	2008-08-15

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 5 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.


 Dr. Blair Leftwich, Director

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project Medona VA State #4 were received by TraceAnalysis, Inc. on 2008-08-15 and assigned to work order 8081524. Samples for work order 8081524 were received intact at a temperature of 3.5 deg. C.

Samples were analyzed for the following tests using their respective methods.

Test	Method
Chloride (Titration)	SM 4500-Cl B

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 8081524 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Report Date: August 22, 2008
30-015-26633

Work Order: 8081524
Medona VA State #4

Page Number: 3 of 5
Eddy Co., NM

Analytical Report

Sample: 170819 - GS/Comp.-001

Laboratory: Midland	Analytical Method: SM 4500-Cl B	Prep Method: N/A
Analysis: Chloride (Titration)	Date Analyzed: 2008-08-19	Analyzed By: AR
QC Batch: 51596	Sample Preparation: 2008-08-19	Prepared By: AR
Prep Batch: 44244		

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		2870	mg/Kg	50	2.00

Sample: 170820 - GS/Comp.-002

Laboratory: Midland	Analytical Method: SM 4500-Cl B	Prep Method: N/A
Analysis: Chloride (Titration)	Date Analyzed: 2008-08-19	Analyzed By: AR
QC Batch: 51596	Sample Preparation: 2008-08-19	Prepared By: AR
Prep Batch: 44244		

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		3250	mg/Kg	50	2.00

Sample: 170821 - GS/Comp.-003

Laboratory: Midland	Analytical Method: SM 4500-Cl B	Prep Method: N/A
Analysis: Chloride (Titration)	Date Analyzed: 2008-08-19	Analyzed By: AR
QC Batch: 51596	Sample Preparation: 2008-08-19	Prepared By: AR
Prep Batch: 44244		

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		5160	mg/Kg	50	2.00

Method Blank (1) QC Batch: 51596

QC Batch: 51596	Date Analyzed: 2008-08-19	Analyzed By: AR
Prep Batch: 44244	QC Preparation: 2008-08-19	Prepared By: AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<0.500	mg/Kg	2

Report Date: August 22, 2008
30-015-26633

Work Order: 8081524
Medona VA State #4

Page Number: 4 of 5
Eddy Co., NM

Laboratory Control Spike (LCS-1)

QC Batch: 51596
Prep Batch: 44244

Date Analyzed: 2008-08-19
QC Preparation: 2008-08-19

Analyzed By: AR
Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	97.1	mg/Kg	1	100	<0.500	97	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	97.8	mg/Kg	1	100	<0.500	98	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 170870

QC Batch: 51596
Prep Batch: 44244

Date Analyzed: 2008-08-19
QC Preparation: 2008-08-19

Analyzed By: AR
Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	4980	mg/Kg	50	5000	<25.0	100	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	5010	mg/Kg	50	5000	<25.0	100	85 - 115	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1)

QC Batch: 51596

Date Analyzed: 2008-08-19

Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	94.6	94	85 - 115	2008-08-19

Standard (CCV-1)

QC Batch: 51596

Date Analyzed: 2008-08-19

Analyzed By: AR

Report Date: August 22, 2008
30-015-26633

Work Order: 8081524
Medona VA State #4

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Eddy Co., NM

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	105	105	85 - 115	2008-08-19

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

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

CONDITIONS

Action 203324

CONDITIONS

Operator: EOG Y RESOURCES, INC. 104 S 4th St Artesia, NM 88210	OGRID: 25575
	Action Number: 203324
	Action Type: [IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	4/6/2023