

MARTIN YATES, III
1912-1985

FRANK W. YATES
1936-1986

S.P. YATES
1914-2008



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

JOHN A. YATES
CHAIRMAN OF THE BOARD

JOHN A. YATES JR
PRESIDENT

SCOTT M. YATES
VICE PRESIDENT

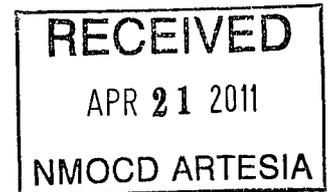
JAMES S. BROWN
CHIEF OPERATING OFFICER

JOHN D. PERINI
CHIEF FINANCIAL OFFICER

April 21, 2010

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

Re: Dagger Draw Water System (Arrow ARW Federal Com. #1)
2RP-576
30-015-28898
Section 11, T19S-R25E
Eddy County, New Mexico



Dear Mr. Bratcher:

Yates Petroleum Corporation would like to submit for your consideration the enclosed work plan for the above captioned well. The plan is being submitted in response to the C-141 report dated January 18, 2011.

If there are no objections with the scope of work described in the plan, Yates will have a contractor continue work as outlined.

If you have any questions call me at (575) 748-4217

Thank you.

YATES PETROLEUM CORPROATION

A handwritten signature in black ink, appearing to read 'Robert Asher'.

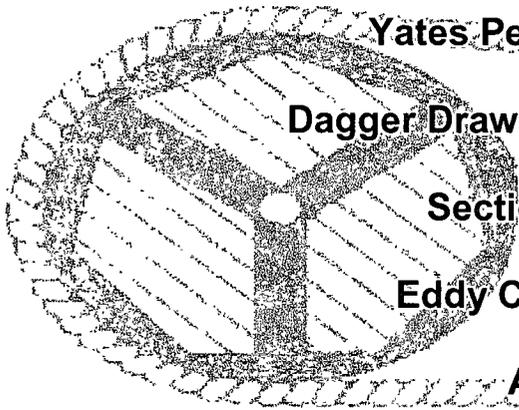
Robert Asher
Environmental Regulatory Agent

Enclosure(s)

RECEIVED

APR 21 2011

NMOCD ARTESIA



Yates Petroleum Corporation

Dagger Draw Water System Work Plan

Section 11, T19S-R25E

Eddy County, New Mexico

April 21, 2010

I. Location

The well is located approximately 20 miles south of Artesia, NM and 2.2 miles south of Kincaid Ranch Road (CR 38), as represented by the attached Dayton; NM, USGS Quadrangle Map.

II. Background

On January 18, 2011, Yates submitted to the NMOCD District II office a Form C-141 for a release of 800 barrels of oil/produced water mix with 300 barrels oil/produced water mix recovered. The NMOCD was notified of the release (voicemail and e-mail). The total affected area is approximately 300 feet by 500 feet. Initial delineation samples were taken on 1/25/2011 and analyzed at NMOCD approved laboratory for TPH and BTEX (chlorides for documentation). Results and a sample diagram are enclosed.

III. Surface and Ground Water

Area surface geology is Paleozoic. The nearest groundwater of record is listed on the ChevronTexaco Trend Map shows the depth to groundwater is approximately 70 feet making the site ranking for this site a ten (10). Any watercourses in the area are dry and intermittent, except for infrequent flows in response to major precipitation events.

The ranking for this site is ten (10) based on the as following:

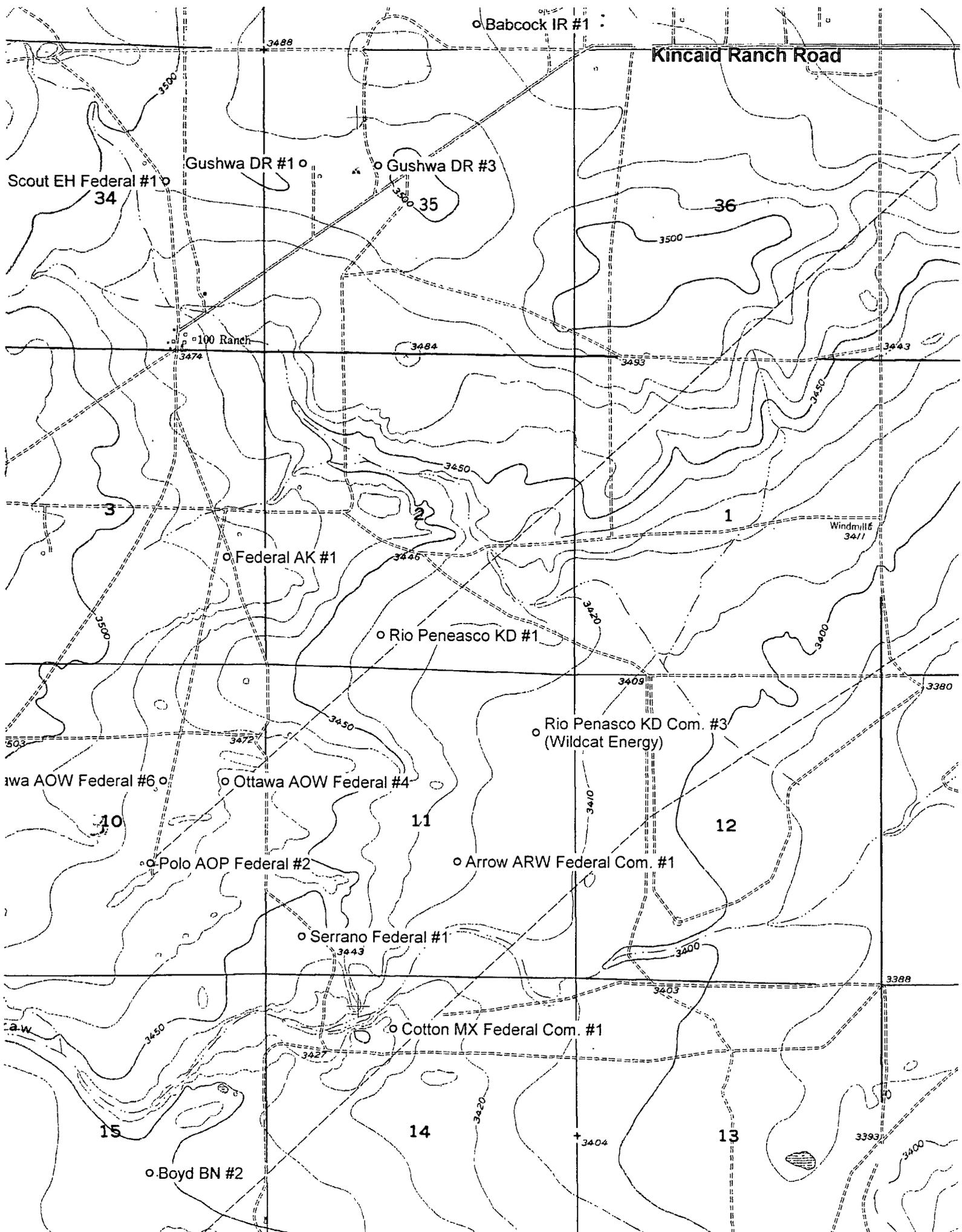
Depth to ground water	50-99'
Wellhead Protection Area	> 1000'
Distance to surface water body	> 1000'

IV. Soils

The area consists of soils that are loamy, interspersed with caliche and clay seams providing a low permeability barrier to retard vertical percolation of contaminants into the subsurface.

V. Scope of Work

Yates Petroleum Corporation will address the remedial actions in two (2) phases. Phase I: The impacted soils that are within the release area are being excavated to a depth of 6" and taken to an NMOCD approved facility. Delineation sampling will be obtained (the release area will be section off and sampled in case of any hot spots that can be addressed later), and analyzed at NMOCD approved laboratory for TPH and BTEX (chlorides for documentation), if results are above RRAL's for the site ranking of ten (10), further excavation of impacted soils will be conducted. When results are within limits for a site ranking of ten, Yates will submit a Final C-141 requesting closure. Phase II: Yates is currently working with the fee surface owner on damages and or remediation (replacing top soils/soil amendments/reseeding). Yates will assure the NMOCD and surface owner that the area impacted by the release will not pose a threat to ground water, surface water, human health or the environment.

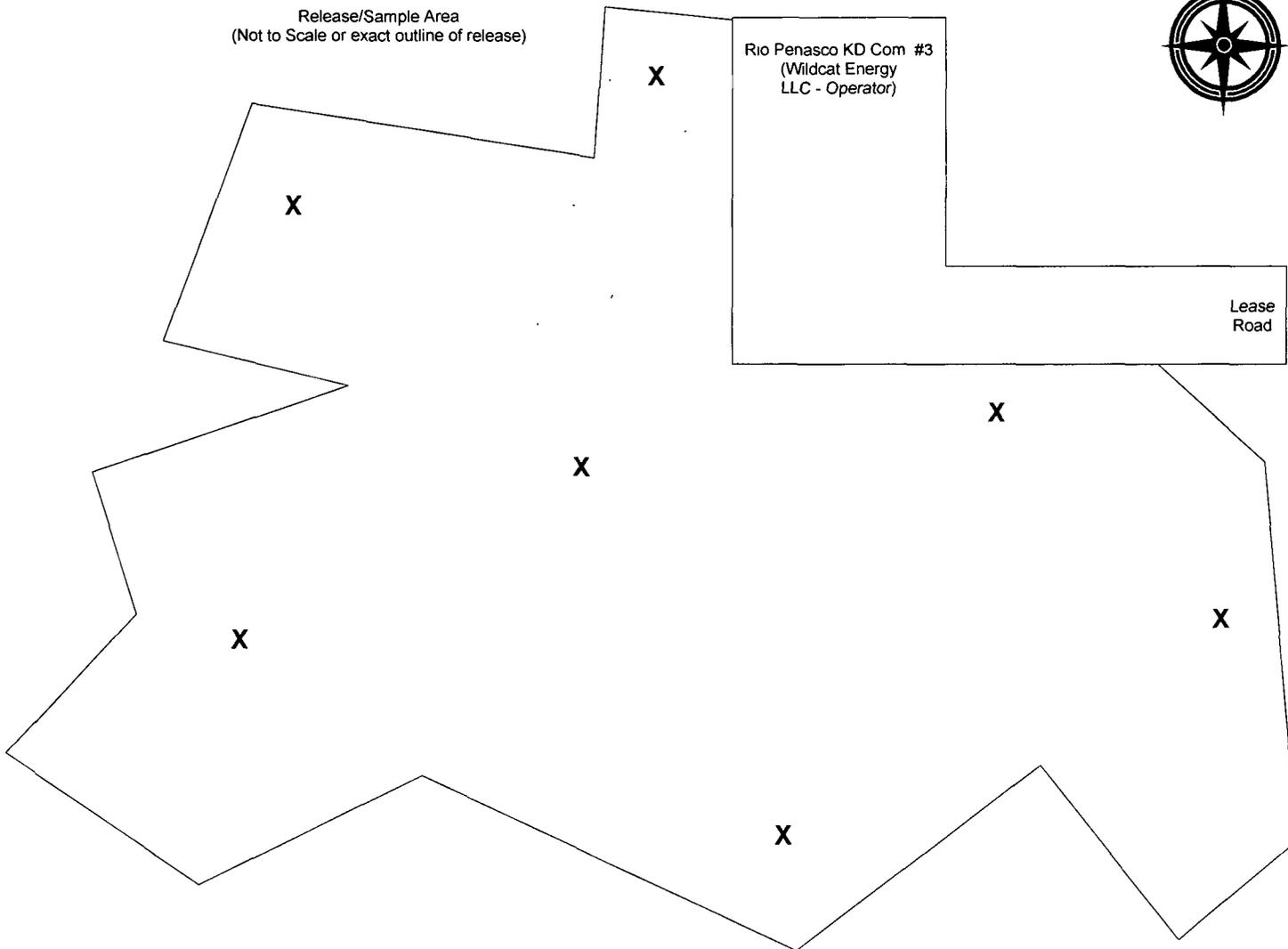




Release/Sample Area
(Not to Scale or exact outline of release)

Rio Penasco KD Com #3
(Wildcat Energy
LLC - Operator)

Lease
Road



Sample ID	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TPH TOTAL	Chlorides
GS/Comp-Surface	1/25/2011	Grab/Auger	6"	1.301	18.9	721	740	361
GS/Comp-001	1/25/2011	Grab/Auger	12"	0.0083	ND	76.0	76.0	386
GS/Comp-001.5	1/25/2011	Grab/Auger	18"	0.3783	ND	324.0	324	376

Site Ranking is Ten (10). Depth to Ground Water 50-99' (approx. 70', per Trend Map). All results are ppm. Chlorides are for documentation.

Dagger Draw
Water System

30-015-28898

Section 11, T19S-R25E

Eddy County, NM

SAMPLE DIAGRAM (Not to Scale)

Xenco Report #: 405103 & 405104

Report Date: 2/3/2011

Prepared by Robert Asher
Environmental Regulatory Agent



Analytical Report 405104

for
Yates Petroleum Corporation

Project Manager: Robert Asher

Dagger Draw Water System

30-015-26299 (Arrow ARW Federal Com. # 1)

03-FEB-11



Celebrating 20 Years of commitment to excellence in Environmental Testing Services



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-10-6-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)

Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)

Xenco-Boca Raton (EPA Lab Code: FL01273):

Florida(E86240),South Carolina(96031001), Louisiana(04154), Georgia(917)
North Carolina(444), Texas(T104704468-TX), Illinois(002295), Florida(E86349)

Xenco Phoenix (EPA Lab Code: AZ00901):

Arizona(AZ0757), Texas(104704435-10-2), Nevada(NAC-445A), DoD(65816)

Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)



03-FEB-11

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

Reference: XENCO Report No: **405104**
Dagger Draw Water System
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 405104. 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. 405104 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

Brent Barron, II

Odessa Laboratory Manager

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

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

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



Sample Cross Reference 405104



Yates Petroleum Corporation, Artesia, NM
Dagger Draw Water System

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp-00.5	S	Jan-25-11 10:24	6 - 6 In	405104-001
Comp-01.0	S	Jan-25-11 11:02	12 - 12 In	405104-002
Comp-01.5	S	Jan-25-11 11:36	18 - 18 In	405104-003



CASE NARRATIVE

Client Name: Yates Petroleum Corporation

Project Name: Dagger Draw Water System



Project ID: 30-015-26299 (Arrow ARV)
Work Order Number: 405104

Report Date: 03-FEB-11
Date Received: 01/28/2011

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None



Certificate of Analysis Summary 405104

Yates Petroleum Corporation, Artesia, NM

Project Name: Dagger Draw Water System



Project Id: 30-015-26299 (Arrow ARW Federal Com.)

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Fri Jan-28-11 01:25 pm

Report Date: 03-FEB-11

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	405104-001	405104-002	405104-003			
	<i>Field Id:</i>	Comp-00.5	Comp-01.0	Comp-01.5			
	<i>Depth:</i>	6-6 In	12-12 In	18-18 In			
	<i>Matrix:</i>	SOIL	SOIL	SOIL			
	<i>Sampled:</i>	Jan-25-11 10:24	Jan-25-11 11:02	Jan-25-11 11:36			
Anions in Soil By EPA 300.0	<i>Extracted:</i>						
	<i>Analyzed:</i>	Jan-31-11 20:02	Jan-31-11 20:02	Jan-31-11 20:02			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
Chloride		361 20.0	386 20.5	376 20.1			
Percent Moisture	<i>Extracted:</i>						
	<i>Analyzed:</i>	Jan-28-11 17:00	Jan-28-11 17:00	Jan-28-11 17:00			
	<i>Units/RL:</i>	% RL	% RL	% RL			
Percent Moisture		16.0 1.00	18.1 1.00	16.3 1.00			

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

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi


Brent Barron, II
Odessa Laboratory Manager

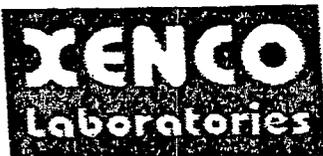


Flagging Criteria

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

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

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



XENCO Laboratories
 Atlanta, Boca Raton, Corpus Christi, Dallas
 Houston, Miami, Odessa, Philadelphia
 Phoenix, San Antonio, Tampa

Document Title: Sample Receipt Checklist
 Document No.: SYS-SRC
 Revision/Date: No. 01, 5/27/2010
 Effective Date: 6/1/2010 Page 1 of 1

Prelogin / Nonconformance Report - Sample Log-In

Client: Yates Petroleum
 Date/Time: 1-28-11 13:25
 Lab ID #: 405103 / 405104
 Initials: AE

Sample Receipt Checklist

1. Samples on ice?	Blue	<u>Water</u>	No	
2. Shipping container in good condition?	<u>Yes</u>	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	<u>Yes</u>	No	N/A	
4. Chain of Custody present?	<u>Yes</u>	No		
5. Sample instructions complete on chain of custody?	<u>Yes</u>	No		
6. Any missing / extra samples?	Yes	<u>No</u>		
7. Chain of custody signed when relinquished / received?	<u>Yes</u>	No		
8. Chain of custody agrees with sample label(s)?	<u>Yes</u>	No		
9. Container labels legible and intact?	<u>Yes</u>	No		
10. Sample matrix / properties agree with chain of custody?	<u>Yes</u>	No		
11. Samples in proper container / bottle?	<u>Yes</u>	No		
12. Samples properly preserved?	<u>Yes</u>	No	N/A	
13. Sample container intact?	<u>Yes</u>	No		
14. Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No		
15. All samples received within sufficient hold time?	<u>Yes</u>	No		
16. Subcontract of sample(s)?	<u>Yes</u>	No	<u>N/A</u>	
17. VOC sample have zero head space?	<u>Yes</u>	No	N/A	
18. Cooler 1 No.	Cooler 2 No.	Cooler 3 No.	Cooler 4 No.	Cooler 5 No.
lbs <u>1.6</u> °C	lbs °C	lbs °C	lbs °C	lbs °C

Nonconformance Documentation

Contact: _____ Contacted by: _____ Date/Time: _____

Regarding: _____

Corrective Action Taken: _____

- Check all that apply:
- Cooling process has begun shortly after sampling event and out of temperature condition acceptable by NELAC 5.5.8.3.1.a.1.
 - Initial and Backup Temperature confirm out of temperature conditions
 - Client understands and would like to proceed with analysis

Analytical Report 405103

for

Yates Petroleum Corporation

Project Manager: Robert Asher

Dagger Draw Water System

30-015-26299 (Arrow ARW Federal Com. # 1)

03-FEB-11



Celebrating 20 Years of commitment to excellence in Environmental Testing Services



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-10-6-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)

Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)

Xenco-Boca Raton (EPA Lab Code: FL01273):

Florida(E86240),South Carolina(96031001), Louisiana(04154), Georgia(917)
North Carolina(444), Texas(T104704468-TX), Illinois(002295), Florida(E86349)

Xenco Phoenix (EPA Lab Code: AZ00901):

Arizona(AZ0757), Texas(104704435-10-2), Nevada(NAC-445A), DoD(65816)

Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)



03-FEB-11

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

Reference: XENCO Report No: **405103**
Dagger Draw Water System
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 405103. 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. 405103 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

Brent Barron, II

Odessa Laboratory Manager

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

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

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



Sample Cross Reference 405103



Yates Petroleum Corporation, Artesia, NM
Dagger Draw Water System

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Comp-00.5	S	Jan-25-11 10:24	6 - 6 In	405103-001
Comp-01.0	S	Jan-25-11 11:02	12 - 12 In	405103-002
Comp-01.5	S	Jan-25-11 11:36	18 - 18 In	405103-003



CASE NARRATIVE

Client Name: Yates Petroleum Corporation

Project Name: Dagger Draw Water System



Project ID: 30-015-26299 (Arrow AR)
Work Order Number: 405103

Report Date: 03-FEB-11
Date Received: 01/28/2011

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-841669 BTEX by EPA 8021
SW8021BM

Batch 841669, Ethylbenzene recovered below QC limits in the Matrix Spike. o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.

Samples affected are: 405103-002, -001.

The Laboratory Control Sample for Ethylbenzene, o-Xylene is within laboratory Control Limits

Batch: LBA-841680 Percent Moisture

Batch: LBA-841876 BTEX by EPA 8021
SW8021BM

Batch 841876, 4-Bromofluorobenzene recovered above QC limits . Matrix interferences is suspected; data not confirmed by re-analysis

Samples affected are: 405103-003.

SW8021BM

Batch 841876, Benzene, Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.

Samples affected are: 405103-003.

The Laboratory Control Sample for Toluene, m,p-Xylenes , Benzene, Ethylbenzene, o-Xylene is within laboratory Control Limits

Batch: LBA-842022 TPH by SW 8015B



Certificate of Analysis Summary 405103

Yates Petroleum Corporation, Artesia, NM

Project Name: **Dagger Draw Water System**



Project Id: 30-015-26299 (Arrow ARW Federal Com.)

Contact: Robert Asher

Project Location: Eddy County

Date Received in Lab: Fri Jan-28-11 01:25 pm

Report Date: 03-FEB-11

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	405103-001	405103-002	405103-003			
	<i>Field Id:</i>	Comp-00.5	Comp-01.0	Comp-01.5			
	<i>Depth:</i>	6-6 In	12-12 In	18-18 In			
	<i>Matrix:</i>	SOIL	SOIL	SOIL			
	<i>Sampled:</i>	Jan-25-11 10:24	Jan-25-11 11:02	Jan-25-11 11:36			
BTEX by EPA 8021	<i>Extracted:</i>	Jan-29-11 09:11	Jan-29-11 09:11	Jan-31-11 13:04			
	<i>Analyzed:</i>	Jan-30-11 03:12	Jan-30-11 02:03	Feb-01-11 02:25			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
Benzene		ND 0.0202	ND 0.0010	0.0062 0.0060			
Toluene		0.0645 0.0403	ND 0.0020	0.0423 0.0119			
Ethylbenzene		0.1444 0.0202	0.0014 0.0010	0.0330 0.0060			
m,p-Xylenes		0.7800 0.0403	0.0032 0.0020	0.1912 0.0119			
o-Xylene		0.3119 0.0202	0.0037 0.0010	0.1056 0.0060			
Xylenes, Total		1.092 0.0202	0.0069 0.0010	0.2968 0.0060			
Total BTEX		1.301 0.0202	0.0083 0.0010	0.3783 0.0060			
Percent Moisture	<i>Extracted:</i>						
	<i>Analyzed:</i>	Jan-28-11 17:00	Jan-28-11 17:00	Jan-28-11 17:00			
	<i>Units/RL:</i>	% RL	% RL	% RL			
Percent Moisture		16.0 1.00	18.1 1.00	16.3 1.00			
TPH by SW 8015B	<i>Extracted:</i>	Jan-31-11 10:00	Jan-31-11 10:00	Jan-31-11 10:00			
	<i>Analyzed:</i>	Jan-31-11 13:49	Jan-31-11 14:18	Jan-31-11 14:47			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
C6-C10 Gasoline Range Hydrocarbons		18.9 17.9	ND 18.2	ND 18.0			
C10-C28 Diesel Range Hydrocarbons		721 17.9	76.0 18.2	324 18.0			
Total TPH		740 17.9	76.0 18.2	324 18.0			

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

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi


 Brent Barron, II
 Odessa Laboratory Manager



Flagging Criteria

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

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY

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

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



XENCO Laboratories
 Atlanta, Boca Raton, Corpus Christi, Dallas
 Houston, Miami, Odessa, Philadelphia
 Phoenix, San Antonio, Tampa

Document Title: Sample Receipt Checklist
 Document No.: SYS-SRC
 Revision/Date: No. 01, 5/27/2010
 Effective Date: 6/1/2010 Page 1 of 1

Prelogin / Nonconformance Report - Sample Log-In

Client: Yates Petroleum
 Date/Time: 1.28.11 13:25
 Lab ID #: 405103 / 405104
 Initials: AE

Sample Receipt Checklist

1. Samples on ice?	Blue	<u>Water</u>	No	
2. Shipping container in good condition?	<u>Yes</u>	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	<u>Yes</u>	No	N/A	
4. Chain of Custody present?	<u>Yes</u>	No		
5. Sample instructions complete on chain of custody?	<u>Yes</u>	No		
6. Any missing / extra samples?	Yes	<u>No</u>		
7. Chain of custody signed when relinquished / received?	<u>Yes</u>	No		
8. Chain of custody agrees with sample label(s)?	<u>Yes</u>	No		
9. Container labels legible and intact?	<u>Yes</u>	No		
10. Sample matrix / properties agree with chain of custody?	<u>Yes</u>	No		
11. Samples in proper container / bottle?	<u>Yes</u>	No		
12. Samples properly preserved?	<u>Yes</u>	No	N/A	
13. Sample container intact?	<u>Yes</u>	No		
14. Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No		
15. All samples received within sufficient hold time?	<u>Yes</u>	No		
16. Subcontract of sample(s)?	<u>Yes</u>	No	<u>N/A</u>	
17. VOC sample have zero head space?	<u>Yes</u>	No	N/A	
18. Cooler 1 No.	Cooler 2 No.	Cooler 3 No.	Cooler 4 No.	Cooler 5 No.
lbs <u>1.6</u> °C	lbs °C	lbs °C	lbs °C	lbs °C

Nonconformance Documentation

Contact: _____ Contacted by: _____ Date/Time: _____

Regarding: _____

Corrective Action Taken: _____

- Check all that apply:
- Cooling process has begun shortly after sampling event and out of temperature condition acceptable by NELAC 5.5.8.3.1.a.1.
 - Initial and Backup Temperature confirm out of temperature conditions
 - Client understands and would like to proceed with analysis