

**PIT REMED.
PLAN AND
CLOSURE**

REPORTS

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
2040 S. Pacheco
Santa Fe, New Mexico 87505

SUBMIT 1 COPY
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

(Revised 3/85)

PIT REMEDIATION AND CLOSURE REPORT

Operator: _____ Telephone: (713) 296-65

Address: Apache Corp. 2000 Post Oak Blvd. Houston, Tx 77056

Facility Or: Flying M Battery #4 (Pits 1 & 2 Combined)
Well Name _____

Location: Unit or Qtr/Qtr Sec D Sec 29 T 9S R 33E County Lea

Pit Type: Separator ___ Dehydrator ___ Other ___ Production Pit

Land Type: BLM ___ , State XX , Fee ___ , Other _____

Pit Location: Pit dimensions: length 30' , width 30' , depth 2'
(Attach diagram)

Reference: wellhead ___ , other actual measurements

Footage from reference: within production equipment area

Direction from reference: _____ Degrees _____ East North _____
of
_____ West South _____

Depth To Ground Water: Less than 50 feet (20 points)
(Vertical distance from 50 feet to 99 feet (10 points)
contaminants to seasonal Greater than 100 feet (0 Points)
high water elevation of
ground water)

Wellhead Protection Area: Yes (20 points)
(Less than 200 feet from a private No (0 points)
domestic water source, or; less than
1000 feet from all other water sources)

Distance To Surface Water: Less than 200 feet (20 points)
(Horizontal distance to perennial 200 feet to 1000 feet (10 points)
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points)
irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS): _____

Date Remediation Started: 08/93 Date Completed: 12/97

Remediation Method: Excavation Approx. cubic yards
(Check all appropriate sections) Landfarmed Insitu Bioremediation XX
Other

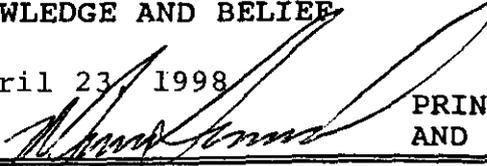
Remediation Location: Onsite XX Offsite
(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: As per State approved Treatment & Closure Plan for Oil Field Production Pits

Ground Water Encountered: No XX Yes Depth

Final Pit: Sample location Please see attached
Closure Sampling:
(if multiple samples, attach sample results and diagram of sample locations and depths)
Sample depth
Sample date Sample time
Sample Results
Benzene (ppm)
Total BTEX (ppm)
Field headspace (ppm)
TPH

Ground Water Sample: Yes No (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF
DATE April 23, 1998 PRINTED NAME Michael D. Bernard
SIGNATURE  AND TITLE

ANALYTICAL REPORT 1-72071

for

Biotek Environmental Services, Inc.

Project Manager: Tom Hayman

Project Name: Coastal New Mexico

September 15, 1997



HOUSTON - DALLAS - SAN ANTONIO

11381 Meadowglen Lane Suite L * Houston, Texas 77082-2647
Phone (281) 589-0692 Fax (281) 589-0695



11381 Meadowglen Suite L
Houston, Texas 77082-2647
(281) 589-0692 Fax: (281) 589-0695
Houston - Dallas - San Antonio

September 15, 1997

Project Manager: Tom Hayman
Biotek Environmental Services, Inc.
3200 Wilcrest, #400
Houston, TX 77042

Reference: **XENCO Report No.: 1-72071**
Project Name: Coastal New Mexico

Project Address: New Mexico

Dear Tom Hayman:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with XENCO Chain of Custody Number 1-72071. All results being reported to you apply only to the samples analyzed, properly identified with a Laboratory ID number. This letter documents the official transmission of the contents of the report and validates the information contained within.

All the results for the quality control samples passed thorough examination. Also, all parameters for data reduction and validation checked satisfactorily. In view of this, we are able to release the analytical data for this report within acceptance criteria for accuracy, precision, and completeness.

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 3 years in our archives and after that time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in COC No. 1-72071 will be filed for 60 days, and after that time they will be properly disposed of 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).

XENCO Laboratories is accredited by the American Association for Laboratory Accreditation (A2LA) for technical competence in the field of Environmental Testing (Certificate No. 0343-01). In accordance with A2LA's guidelines, XENCO operates a Quality System that meets ISO/IEC Guide 25 requirements and is strictly implemented and enforced through our standard QA/QC procedures.

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.

Sincerely,


Eddie Yanez-Roto, Ph.D.
QA/QC Manager

*Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified in California, Oklahoma, Kansas, Arkansas, and approved by numerous other States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY!*



11381 Meadowden Suite L Houston, Texas 77082
 (713) 589-0692 Fax (713) 589-0695

**CHAIN OF CUSTODY RECORD
 AND ANALYSIS REQUEST FORM**

Page 1 of 1

Lab. Batch # 177071-1A

Contractor: Dyntek Phone: (713) 370-6973
 Address: 3200 Wilshire Ste 500
 Project Name: Castal N.Mex Project Director: _____
 Project Location: New Mexico Project Manager: Jam
 Sampler Signature: Yandy Carr Project No.: _____

No. coolers this shipment: _____ Contractor COC #: _____
 Carrier: XENCO Quote #: _____
 Airbill No.: _____ PO. No.: _____

Field ID	SAMPLE CHARACTERIZATION				Date	Time	DEPTH	SOIL	WATER	COMPAR	GRA	Preservative		Util Dies	Ker	Unknown	Sample Description	Tank No.	No. of CONTAINERS
	Container	Size	Type	P, G								Waste Oil	FTT No.						
1					9/3	300	X			X							<u>Sum State 5 Bottom</u>		1
2					9/3	3: P	A			X							<u>State 5 TOP</u>		2
3					9/3	4P	X			X							<u>Henry M. East</u>		3
4					9/3	4P	X			X							<u>Henry M. East Top</u>		4
5					9/3	4P	X			X							<u>Henry M. West Bottom</u>		5
6					9/3	4P	X			X							<u>Henry M. West Top</u>		6
7																			7
8																			8
9																			9
10																			10

LAB ONLY
 Turn-around:
 - ASAP
 - 24 hrs
 - 48 hrs
 - Standard

Remarks

Please Hold

BTX (503/602-602)
 TPH (413)
 TPH - 8015D

Received by	Signature	DATE	TIME	Received by	Signature	DATE	TIME
<u>Jam</u>	<u>Jam</u>	9/9/97	9:30A	<u>Jam</u>	<u>Jam</u>	9/9/97	9:30
<u>Jam</u>	<u>Jam</u>	9/9/97	9:36	<u>Jam</u>	<u>Jam</u>	9/9/97	09:36

Received For Laboratory By
Jam



CERTIFICATE OF ANALYSIS SUMMARY 1-72071

Biotek Environmental Services, Inc.

Project Name: Coastal New Mexico

Date Received in Lab : Sep 9, 1997 09:36 by AS

Project Manager: Tom Hayman

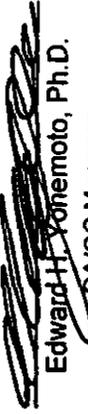
Date Report Faxed: Sep 15, 1997

Project Location: New Mexico

XENCO contact : Scott Sample/Edward Yonemoto

Analysis Requested	Lab ID: Field ID:	Date Analyzed - Analytical Results						ppm (mg/L - mg/Kg)
		172071-001 Baum State 5 Bottom	172071-002 2-State 5 Top	172071-003 3 Flying M E-Bottom	172071-004 4-Flying M E-Top	172071-005 5-Flying M W-Bottom	172071-006 6-Flying M W-Top	
TPH-DRO (Diesel) by EPA 8015 M		Sep 10, 1997 < 50.0	Sep 10, 1997 25.7	Sep 10, 1997 646	Sep 10, 1997 545	Sep 10, 1997 < 50.0	Sep 10, 1997 < 50.0	
Total Petroleum Hydrocarbons								

This report summary, and the entire report it represents, has been made for the exclusive and confidential use of Biotek Environmental Services, Inc. The interpretations and results expressed through this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories, however, assumes no responsibility and makes no warranty to the end use of the data hereby presented.


Edward H. Yonemoto, Ph.D.
QA/QC Manager

CERTIFICATE OF ANALYSIS SUMMARY 1-71752

Biotek Environmental Services, Inc.

Project Name: Coastal

Date Received in Lab : Aug 4, 1997 12:49 by RT

Project Manager: Tom Hayman

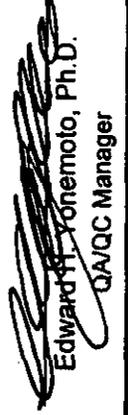
Date Reported: Aug 5, 1997

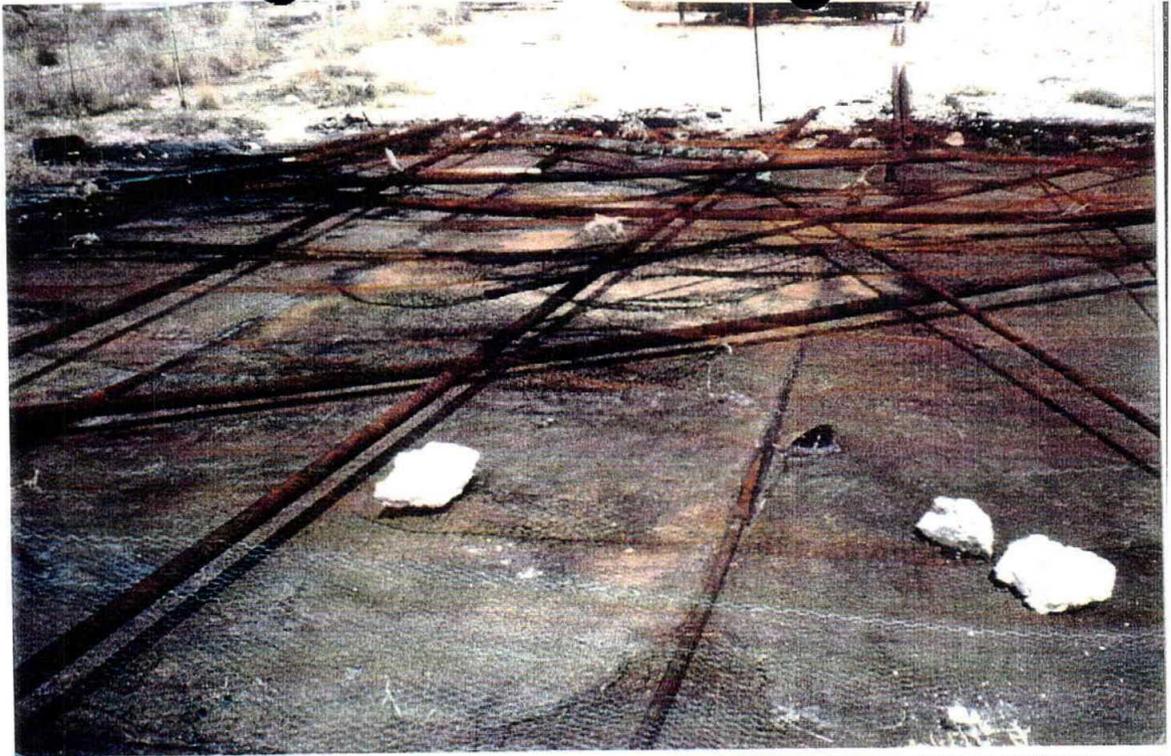
Project Location: New Mexico

XENCO contact : Scott Sample/Edward Yonemoto

Analysis Requested	Lab ID: Field ID: Depth:	Date Analyzed - Analytical Results			ppm (mg/L - mg/Kg)
		Aug 4, 1997	Aug 4, 1997	Aug 4, 1997	
TPH-DRO (Diesel) by EPA 8015 M	171752-003 3	171752-004 4	171752-005 5	171752-006 6	
	1650	283	625	56.9	
Total Petroleum Hydrocarbons					

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Edward Yonemoto, Ph.D.
QA/QC Manager



Flying "M" Battery #4
Pit #1





Flying "M" Battery #4
Pit #1





Flying "M" Battery #4
Pit #1





Flying "M" Battery #4
Pit #1





Flying "M" Battery #4
Pit #2





Flying "M" Battery #4
Pit #2





Flying "M" Battery #4
Pit #2





Flying "M" Battery #4
Pit #2