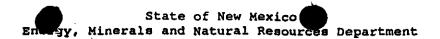
### PITREMED. PLANAND CLOSURE

### REPORTS

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



OIL CONSERVATION DIVISION 2040 S. Pacheco Santa Fe, New Mexico 87505 SUBMIT 1 COPY APPROPRIATE DISTRICT OFFIC AND 1 COPY TO SANTA FE OFFIC

(Revised 3/9/9

### PIT REMEDIATION AND CLOSURE REPORT

			<del></del>	<del> </del>	<u></u> .
Operator:		Tel	ephone: <u>(7</u>	<u>13) 296-6</u>	55
Address: Apach	e Corp. 2000 Post Oak	Blvd. Houston. Tx.	77056	·	
Facility Or:	Baum Field State # 36		··		<u>:</u>
Location: Unit	or Qtr/Qtr SecD	Sec_26 T_14S R_32E	CountyLe	a	
Pit Type: Sepa	rator Dehydrator	Other Produc	tion Pit		_
	M, State XX_, Fee _				
Pit Location: (Attach diagram)	Pit dimensions: leng	th, width	12'	depth 3	'
(	Reference: wellhead_				
	Footage from reference	e: within production	equipment a	rea	
	Direction from refere	nce: Degrees	East	North _	
		<del></del>	o West	f South	
4					
Depth To Groun (Vertical distance contaminants to s	e from easonal	Less than 50 fe 50 feet to 99 f Greater than 10	eet (10	points)	
high water elevat ground water)					
Wellhead Prote	ction Area: eet from a private		•	points) points)	20
domestic water so	ource, or; less than l other water sources)		·		
Distance To Su (Horizontal dista	rface Water:	Less than 200 f 200 feet to 100	0 feet (10		1.0
lakes, ponds, riv	vers, streams, creeks, and ditches)	Greater than 10	00 feet (0	points)	10
	·	RANKING SCORE (	TOTAL POIN	TS):	30

Date Remediation St	arted: 08/93	Date Completed: 12/97
Remediation Method: (Check all appropriate		Approx. cubic yards
sections)	Landfarmed	Insitu Bioremediation XX
,	Other	
Remediation Locatio	n: Onsite <sup>XX</sup> Offs	ite
(ie. landfarmed onsite, name and location of	<del></del>	
offsite facility)		
		As per State approved Treatment &
Closure Plan for	Oil Field Production Pit	s ·
		· · · · · · · · · · · · · · · · · · ·
	YV	
Ground water Encoun	tered: No 424	Yes Depth
	D1	
Final Pit: Closure Sampling:	Sample location	Lease see attached
(if multiple samples, attach sample results		
and diagram of sample locations and depths)	Sample depth	
toddons and depone,	Sample date	Sample time
	Sample Results	-
	Benzene(ppm) _	· · · · · · · · · · · · · · · · · · ·
	Total BTEX(ppm	)
	Field headspac	e(ppm)
	TPH	·
:		•
Ground Water Sample	: Yes No	(If yes, attach sample results)
[ <del></del>		BOVE IS TRUE AND COMPLETE TO THE BEST
OF MY KNOWLEDGE AND		· •
DATE April 23 19	98 PRINTED N	AME Michael D. Bernard
SIGNATURE MARKET	AND TITLE	i

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### **ANALYTICAL REPORT 1-72071**

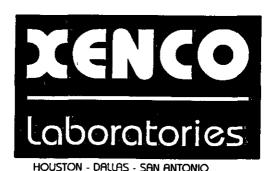
for

### Biotek Environmental Services, Inc.

**Project Manager: Tom Hayman** 

**Project Name: Coastal New Mexico** 

**September 15, 1997** 



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



11381 Meadowgien Suite L Houston, Texas 77082-2647 (281) 589 0602 Fay: (281) 589-0

(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 Repo

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.

Eddle Yangaroto, Ph.D. QA/QC Manager

11381 Meadowgen Suffe L Houston, Texas 77082 (773) 589-0692 Fax (773) 589-0695

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST FORM

Page / of / Lab. Batch # (17071-14

March (7/3) 370-69	973 No coolers this shipmont	Contractor COC #	
	Courties Kanco	Quote • :	
3200 Welding the 100		P.O. No:	
Project Name ( Rest A. M.K.X Model Droctor .		1	<del> </del>
Project Location The Markell Project Myrages	COO COO	Turn-around A	
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E O A O B Container Weste Oil	P X CP	/	
Field ID Date Time P I T M A Stor Type to Other PIT No. H I R P B P G. Stor Type to Sample De		A Remarks	
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and marker 9/9/17 9136 " A C	11/1/1		



## **CERTIFICATE OF ANALYSIS SUMMARY 1-72071**

Biotek Environmental Services, Inc.

Project Name: Coastal New Mexico

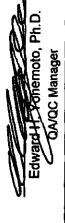
Date Received in Lab: Sep 9, 1997 09:36 by AS

Date Report Faxed: Sep 15, 1997

XENCO contact: Scott Sample/Edward Yonemoto

Project Manager: Tom Hayman Project Location: New Mexico

Analysis Requested	Lab ID: Field ID:	Lab ID: 172071-001 17: Field ID: Baum State 2-5 Bottom	172071-002 2-State 5 Top	72071-002         172071-003         172071-004         172071-005         172071-006           -State 5         3 Flying M         4-Flying M         5-Flying M         6-Flying M           Top         E-Bottom         E-Top         W-Bottom         W-Top	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				Date Analy:	zed - Anal	Date Analyzed - Analytical Results	<u>.</u>	ppm (mg/L - mg/Kg)	
		Sep 10, 1997 Sep	Sep 10, 1997	3 10, 1997   Sep 10, 1997   Sep 10, 1997   Sep 10, 1997   Sep 10, 1997	Sep 10, 1997	Sep 10, 1997	Sep 10, 1997		
Total Petroleum Hydrocarbons		< 50.0	25.7	646	545	< 50.0	< 50.0		



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

Loborotorios Contractor &

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST FORM

Lab. Batch # 171752- H ō

Contractor					,	•	,		·     ;	, , ,						_
9	neth	6000			1/13	7/3	782.3980	2	TNO COOLET	No. coolers this shipment	and:	5	Confractor COC #	* 0		
3200 L	3	ilust	Ste	6 100	S.		_	8	Airtill No.				PD No:		· •	
Project Name	austel	- 6			Project Director	3	Saymen	00							,	
Toject Location	Men	2 Maple	- 3		Project Manage	hin		ZH	600		<u></u>			/ Turn-around	 J∢¤	
Sentider Signature	Jan.	17	Lymen		Project No.			-21	0206					- ASAP	Š.	
	SAMPLE (	SAMPLE CHARACTERIZATION	ZATION		Proservative	vative Uni	Dies Ker Unknown	Т	000	<u> </u>	<u> </u>	_	PK	•	=	
Field ID	Date	Time 7	00 ≥<⊢ma	©α<∞	_ 8	Oder Mr	Weste Oil FIT No: Tank No:		B) XEITB B) HEIT B) HEIT	5108		<u></u>	Hessert	,	*	
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) Authori	tral Volum	of (Contracted Votew 2 White it all	1		+	1										

# **CERTIFICATE OF ANALYSIS SUMMARY 1-71752**

Biotek Environmental Services, Inc.

Project Name: Coastal

Project Manager: Tom Hayman Project Location: New Mexico

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

Date Reported: Aug 5, 1997

XENCO contact: Scott Sample/Edward Yonemoto

Analysis Requested	Lab ID: Field ID: Depth:	Lab ID: 171752-003 Field ID: 3 Deptir:	171752-004 4	71752-004 171752-005 171752-006 4 5 6	171752-006 6			(
TPH-DRO (Diesel) by EPA 8015 M				Date Analyz	ed - Analy	Date Analyzed - Analytical Results	ppm (mg/L - mg/Kg)	
		Aug 4, 1997 A	: 57	4, 1997 Aug 4, 1997 Aug 4, 1997	1997 Aug 4, 1997			
Total Petroleum Hydrocarbons		1650	283	625	56.9			

Edward H. Yonemoto, Ph.D. GA/QC Manager Biotek Environmental Services, Inc..

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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.

This report summary, and the entire report it represents, has been made for the exclusive and confidential use of



Baum State # 36





Baum State # 36





Baum State # 36

