

OK-risk-BTEX

District I	State Of New Mexico	SUBMIT 1 COPY TO
P.O. Box 1980, Hobbs, NM	Energy, Minerals and Natural Resources Department	APPROPRIATE
District II	OIL CONSERVATION DIVISION	DISTRICT OFFICE
P.O. Drawer, Artesia, NM 88211	P.O. Box 2088	AND 1 COPY TO
District III	Santa Fe, New Mexico 87504-2088	SANTA FE OFFICE
1000 Rio Brazos Rd. Aztec, NM 87410		(Revised 3/9/94)

RECEIVED
JUL 29 1999
OIL CON. DIV.

PIT REMEDIATION AND CLOSURE REPORT

Operator: <u>Conoco Inc.</u>	Telephone: <u>505-324-5813</u>
Address: <u>3315 Bloomfield Hwy - Farmington, NM 87401</u>	
Facility Or: <u>Federal #5E</u>	
Well Name _____	
Location: Unit or Qtr/Qtr Sec	<u> </u> F Sec <u>5</u> T <u>29N</u> R <u>12W</u> County San Juan
Pit Type: Separator	<input checked="" type="checkbox"/> Dehydrator <input type="checkbox"/> Other
Land Type: BLM	<input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Other
Pit Location: (Attach diagram)	Pit dimension: length <u>14'</u> width <u>12'</u> depth <u>4'</u>
	Reference: wellhead <input checked="" type="checkbox"/> other <input type="checkbox"/>
	Footage from reference: <u>69'</u>
	Direction from reference: <u>286</u> Degrees <input type="checkbox"/> East of <input checked="" type="checkbox"/> North <input checked="" type="checkbox"/> West <input type="checkbox"/> South

Depth To Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet (20 points)		
	50 feet to 9 feet (10 points)		
	Greater than 100 feet (0 points)		
	Total		<u>0</u>
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources)	Yes (20 points)		
	No (0 points)		
	Total		<u>0</u>
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet (20 points)	(20 points)	
	200 feet to 1000 feet (10 points)	(10 points)	
	Greater than 1000 feet (0 points)	(0 points)	
	Total		<u>0</u>
	RANKING SCORE (TOTAL POINTS):		<u>0</u>

Date Remediation Started: _____ Date Completed: _____

Remediation Method: Excavation: _____ Approx. cubic yards _____

(Check all appropriate sections)

Landfarm _____ Insitu Bioremediation _____

Other _____

Remediation Location: Onsite _____ Offsite _____

(ie. landfarmed onsite,

name and location of

offsite facility)

General Description Of Remedial Action: _____

One sample was taken at 3' below bottom of pit center. No PID reading was conducted on location. Sample

was transported to laboratory for TPH analysis per EPA Method 8015 and for BTEX analysis per EPA Method 8020A

OVM sample = 437 ppm

Ground Water Encountered: No Yes _____ Depth _____

Final Pit: Sample location Center of pit below bottom of pit

Closure Sampling: _____

(if multiple samples Sample depth 3'

attach sample results

and diagram of sample Sample date 2/11/99 Sample time 1412

locations and depths)

Sample Results

Benzene (ppm) 0.85

Total BTEX (ppm) 102.95

Field headspace (ppm) 437

TPH 1720

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

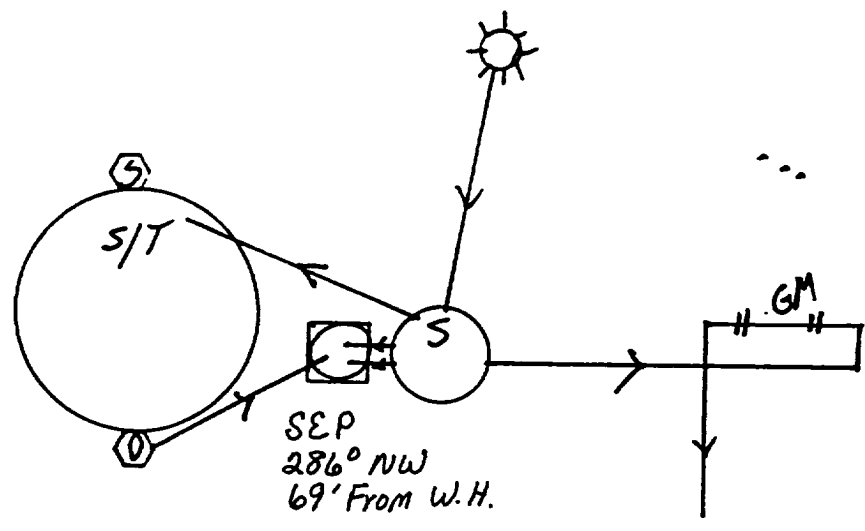
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 10-28-99 PRINTED NAME _____

SIGNATURE [Signature] AND TITLE P.L.

Lease Name: Federal SE Operator: Steve Miller Date: 2-11-99

Site Security
(Indicate North)



Lease Name: Federal SE

Federal/ Indian Lease No: NM 021118

CA No.: 8910069600

Unit: F

Legal Description: Sect: 5 TP: 2N R: 12W

County: SAN JUAN, NM

Load line valves :
Sealed during Production

Drain line valves :
Sealed during Production

Production Line valve:
Sealed during sales

This lease is subject to the site security plan for San Juan Basin Operations. The plan is located at:
Conoco Inc.
3315 Bloomfield Hwy
Farmington, NM

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS
AMRAD

Federal 5E

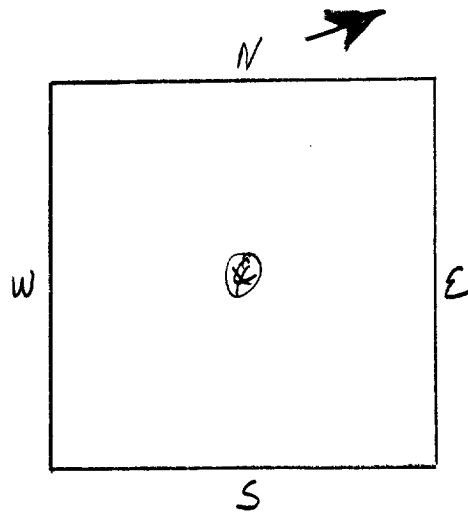
SEF

69' From WH.

286° NW.

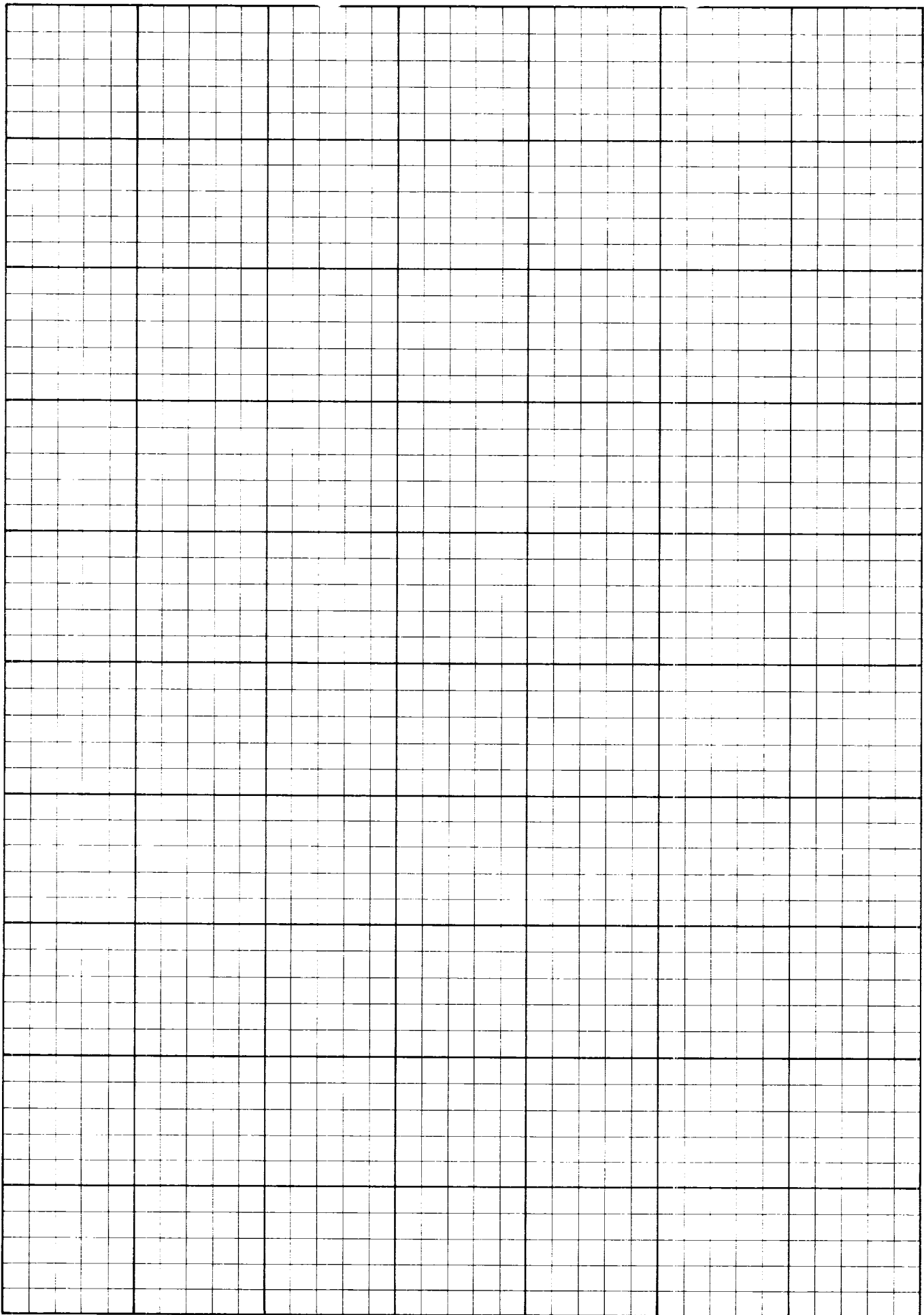
14' x 12' x 4'

80 Bbl. Pit Tnk. Installed



⊗ Sample

CENTER	Time.	ppm
N	1412	437
S	1415	5
W	1416	4
E	1417	14
	1418	7





657 W. Maple • P. O. Box 2606 • Farmington NM 87499
 LAB: (505) 325-5667 • FAX: (505) 325-6256

CHAIN OF CUSTODY RECORD

5706

Date: 2-11-99

Page 1 of 1

Purchase Order No.:		Job No.:		Name		Title	
SEND INVOICE TO		Shirley Ebert		Company			
Company		Conoco Inc.		Mailing Address			
Address		3315 Bloomfield Hwy		City, State, Zip			
City, State, Zip		Farmington NM 87401		Telephone No.		Telefax No.	
Sampling Location:		Federal SE		ANALYSIS REQUESTED			
Sampler:		J. Valdez		SEP			
REPORT RESULTS TO		Number of Containers		LAB ID			
DATE		SAMPLE TIME		MATRIX		PRES.	
2-11-99		2-11-99		Soil		None	
2-11-99		2-11-99		Soil		None	
2-11-99		2-11-99		Soil		None	
2-11-99		2-11-99		Soil		None	
2-11-99		2-11-99		Soil		None	
2-11-99		2-11-99		Soil		None	
4 Pt. Composite							
OVM Readings							
Date/Time		2-11-99 15:23		Received by:		J. Valdez	
Date/Time				Received by:			
Date/Time				Received by:			
Method of Shipment:				Rush		24-48 Hours	
Authorized by:				10 Working Days		Special Instructions:	
(Client Signature Must Accompany Request)							

Distribution: White - On Site Yellow - LAB Pink - Sampler Goldenrod - Client



657 W. Maple • P. O. Box 2606 • Farmington NM 87499
 LAB: (505) 325-5667 • FAX: (505) 325-6256

CHAIN OF CUSTODY RECORD

5704

Date: 2-11-99

Page 1 of 1

Purchase Order No.:		Job No.:	
Name: <u>Shirley Ebert</u>		Title:	
Company: <u>Coraco Inc.</u>		Company: <u>1</u>	
Address: <u>3315 Bloomfield Hwy</u>		Mailing Address: <u></u>	
City, State Zip: <u>Farmington NM 87401</u>		City, State, Zip: <u></u>	
Telephone No.:		Telefax No.:	

SEND INVOICE TO		REPORT RESULTS TO	
Name: <u>Shirley Ebert</u>		Name: <u></u>	
Company: <u>Coraco Inc.</u>		Company: <u>1</u>	
Address: <u>3315 Bloomfield Hwy</u>		Mailing Address: <u></u>	
City, State Zip: <u>Farmington NM 87401</u>		City, State, Zip: <u></u>	
Telephone No.:		Telefax No.:	

Sampling Location: Federal SE SEP

Sampler: J. Valdez

SAMPLE IDENTIFICATION	SAMPLE		MATRIX	PRES.	Number of Containers	ANALYSIS REQUESTED	LAB ID
	DATE	TIME					
<u>ENTER OF PIT</u>	<u>2-11-99</u>		<u>Soil</u>	<u>MUC</u>	<u>1</u>	<u>437</u>	
<u>North Wall</u>	<u>2-11-99</u>		<u>Soil</u>	<u>None</u>		<u>5</u>	
<u>South Wall</u>	<u>2-11-99</u>		<u>Soil</u>	<u>MUC</u>		<u>4</u>	
<u>East Wall</u>	<u>2-11-99</u>		<u>Soil</u>	<u>None</u>		<u>14</u>	
<u>West Wall</u>	<u>2-11-99</u>		<u>Soil</u>	<u>MUC</u>		<u>9</u>	
<u>4 Pt. Composite</u>	<u>2-11-99</u>		<u>Soil</u>	<u>MUC</u>	<u>1</u>		

Relinquished by: <u>Shirley Ebert</u>	Date/Time: <u>2-11-99 1523</u>	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

Method of Shipment:	Rush	24-48 Hours	10 Working Days	Special Instructions:
Authorized by: <u>(Client Signature Must Accompany Request)</u>	Date:			

OFF: (505) 325-5667



LAB: (505) 325-1556

March 04, 1999

Shirley Ebert
Conoco, Inc.
3315 Bloomfield Hwy
Farmington, NM 87401
TEL: (505) 324-5813
FAX (505) 324-5825

RE: Federal 5E SEP

Order No.: 9902062

Dear Shirley Ebert,

On Site Technologies, LTD. received 2 samples on 2/11/99 for the analyses presented in the following report.

The Samples were analyzed for the following tests:

- BTEX (SW8021B)
- Diesel Range Organics (SW8015)
- Gasoline Range Organics (SW8015)

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

David Cox

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 04-Mar-99

CLIENT: Conoco, Inc.
Project: Federal 5E SEP
Lab Order: 9902062

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.



ANALYTICAL REPORT

Date: 04-Mar-99

Client:	Conoco, Inc.	Client Sample Info:	Federal 5E SEP
Work Order:	9902062	Client Sample ID:	Center of Pit
Lab ID:	9902062-01A	Matrix:	SOIL
Project:	Federal 5E SEP	Collection Date:	2/11/99
		COC Record:	5704

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS						Analyst: DC
T/R Hydrocarbons: C10-C28	420	25		mg/Kg	1	2/25/99
GASOLINE RANGE ORGANICS						Analyst: HR
T/R Hydrocarbons: C6-C10	1300	45		mg/Kg	250	2/12/99
BTEX						Analyst: HR
Benzene	850	500		µg/Kg	500	2/24/99
Toluene	15000	1000		µg/Kg	500	2/24/99
Ethylbenzene	7100	500		µg/Kg	500	2/24/99
m,p-Xylene	65000	1000		µg/Kg	500	2/24/99
o-Xylene	15000	500		µg/Kg	500	2/24/99

Qualifiers:

PQL - Practical Quantitation Limit	S - Spike Recovery outside accepted recovery limits
ND - Not Detected at Practical Quantitation Limit	R - RPD outside accepted recovery limits
J - Analyte detected below Practical Quantitation Limit	E - Value above quantitation range
B - Analyte detected in the associated Method Blank	Surr: - Surrogate

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 04-Mar-99

Client: Conoco, Inc.
Work Order: 9902062
Lab ID: 9902062-02A
Project: Federal 5E SEP

Matrix: SOIL

Client Sample Info: Federal 5E SEP
Client Sample ID: 4pt. Composite
Collection Date: 2/11/99
COC Record: 5704

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	2/25/99
GASOLINE RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C6-C10	ND	0.18		mg/Kg	1	2/14/99

Qualifiers:
 PQL - Practical Quantitation Limit
 ND - Not Detected at Practical Quantitation Limit
 J - Analyte detected below Practical Quantitation Limit
 B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 Surr: - Surrogate

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BUILDING PROGRESS WITH THE ENVIRONMENT -