

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer, 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
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE
(Revised 3/9/94)

RECEIVED
JUL - 9 1999
OIL CON. DIV.
DIST. 3

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>Cooper 1E</u>				
Well Name					
Location:	Unit or Qtr/Qtr Sec	<u> </u> F <u> </u> Sec	<u>7</u> T	<u>29N</u> R	<u>11</u> County <u>San Juan</u>
Pit Type:	Separator	<u> </u> X <u> </u>	Dehydrator	<u> </u>	Other <u> </u>
Land Type:	BLM	<u> </u> State <u> </u> X <u> </u> Fee	<u> </u>	Other	<u> </u>
Pit Location: (Attach diagram)	Pit dimension:	length	<u>13'</u>	width	<u>13'</u> depth <u>3'</u>
	Reference:	wellhead	<u> </u> X <u> </u>	other	<u> </u>
	Footage from reference:	<u>78'</u>			
	Direction from reference:	<u>52</u>	Degrees	<u> </u> X <u> </u>	East of <u> </u> North <u> </u> West <u> </u> 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: <u>2/8/99</u>		Date Completed: <u>2/8/99</u>	
Remediation Method: (Check all appropriate sections)	Excavation: _____	Approx. cubic yards _____	
	Landfarm _____	Insitu Bioremediation _____	
	Other _____		
Remediation Location: (ie. landfarmed onsite, name and location of offsite facility)	Onsite _____	Offsite _____	
General Description Of Remedial Action: <u>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.</u>			
Ground Water Encountered:	No <input type="checkbox"/> <u>X</u> Yes	Depth _____	
Final Pit:	Sample location	<u>Center of pit below bottom of pit</u>	
Closure Sampling:	_____		
(if multiple samples attach sample results and diagram of sample locations and depths)	Sample depth	<u>3'</u>	
	Sample date <u>2/8/99</u>	Sample time <u>9:28</u>	
Sample Results			
	Benzene (ppm)	<u>ND</u>	
	Total BTEX (ppm)	<u>20.7</u>	
	Field headspace (ppm)	<u>648</u>	
	TPH	<u>280</u>	
Ground Water Sample:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <u>X</u>	(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	<u>6-28-99</u>	PRINTED NAME	_____
SIGNATURE	<u><i>John Valley</i></u>	AND TITLE	<u>AL.</u>

Date: 2-7-99

County: San Juan, NM

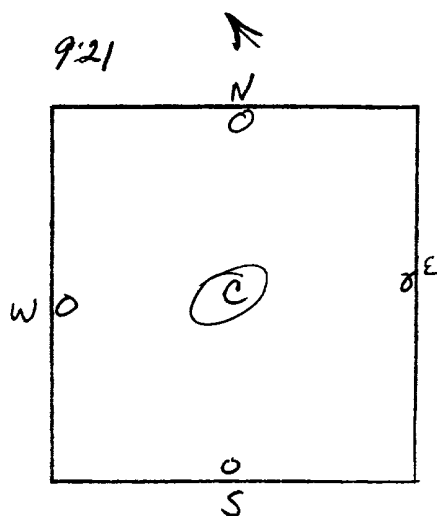
**This lease is subject to the site security plan for San Juan Basin Operations. The plan is located at: Conoco Inc.
3315 Bloomfield Hwy
Farmington, NM**

Cooper 1E

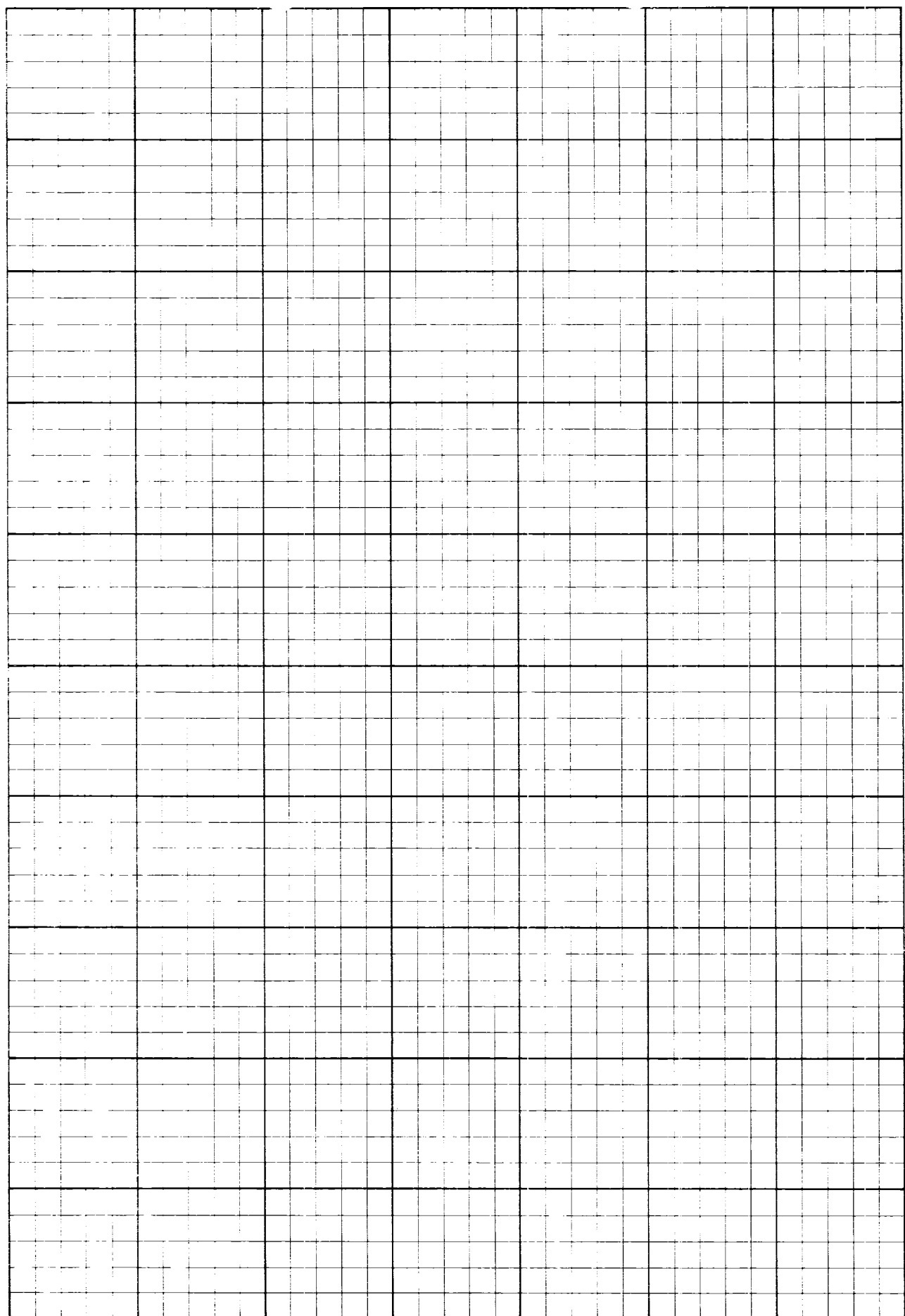
D.H.P.

52° NE. 78' From W.H.

13' X 13' X 3'



	Time	(DVM) P.P.M.
Center	9:28	648
North	9:29	13
East	9:30	8
West	9:31	5
South	9:33	6





B 1181

(for life's sake)

Date: 2-8-99

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612 E. Murray Dr. • P. O. Box 2606 • Farmington NM 87499
(505) 327-1072 • FAX: (505) 327-1496

Purchase Order No.:		Job No.:	
Name: Shirley Ebert		Title:	
Company: Canoco Inc.		Company:	
Address: 3315 Bloomfield Hwy.		Mailing Address:	
City, State, Zip: Farmington N.Mex. 87401		City, State, Zip:	
Sampling Location: Cooper IE		Telephone No.:	
DHP		Telefax No.:	
Sampler: J. Valdez		ANALYSIS REQUESTED	
SAMPLE IDENTIFICATION		LAB ID	
DATE		TIME	
2-8-99		928	
2-8-99		929	
2-8-99		930	
2-8-99		931	
2-8-99		933	
2-8-99		940	
Center of Pit		SAIL NAME	
North		SAIL NAME	
East		SAIL NAME	
West		SAIL NAME	
South		SAIL NAME	
4 Pit Composite		SAIL NAME	
Reinquished by: J. Valdez		Date/Time: 2-8-99/1650	
Reinquished by:		Date/Time:	
Reinquished by:		Date/Time:	
Method of Shipment:		Date/Time:	
Authorized by:		Date:	
(Client Signature Must Accompany Request)			

Distribution:	White – On Site	Yellow – LAB	Pink – Sampler	Goldenrod – Client
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(for life's sake)

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Date: 2-8-99

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CHAIN OF CUSTODY RECORD

B 1181

Purchase Order No.:

Job No.

SEND INVOICE TO

Name Shirley Ebert
Company Conoco Inc.
Address 3315 Bloomfield Hwy.
City, State, Zip Farmington N.M. 87401
Dept. _____

Sampling Location:

Cooper 1E

DHP

Sampler:

J. Valdez

SAMPLE IDENTIFICATION

DATE	TIME	MATRIX	PRES.

Number of Containers

REPORT RESULTS TO

Name _____
Company _____
Mailing Address _____
City, State, Zip _____
Telephone No. _____

Telefax No.

ANALYSIS REQUESTED

LAB ID

SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	PRES.
<u>Order Pit</u>	<u>2-8-99</u>	<u>9:28</u>	<u>Soil</u>	<u>None</u>
<u>North</u>	<u>2-8-99</u>	<u>9:29</u>	<u>Soil</u>	<u>None</u>
<u>East</u>	<u>2-8-99</u>	<u>9:30</u>	<u>Soil</u>	<u>None</u>
<u>West</u>	<u>2-8-99</u>	<u>9:31</u>	<u>Soil</u>	<u>None</u>
<u>South</u>	<u>2-8-99</u>	<u>9:33</u>	<u>Soil</u>	<u>None</u>
<u>At Composite</u>	<u>2-8-99</u>	<u>9:40</u>	<u>Soil</u>	<u>None</u>

Received by:	Date/Time	Received by:	Date/Time
<u>J. Valdez</u>	<u>2-8-99/16:50</u>	<u>J. Valdez</u>	<u>2-8-99/16:50</u>

Relinquished by:

J. Valdez

Date/Time 2-8-99/16:50

Received by:

J. Valdez

Date/Time 2-8-99/16:50

Relinquished by:

Date/Time

Received by:

J. Valdez

Date/Time

Method of Shipment:

Rush

24-48 Hours

10 Working Days

Special Instructions:

Authorized by:

(Client Signature Must Accompany Request)

Date

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

OFF: (505) 325-5667



LAB: (505) 325-1556

February 25, 1999

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

RE: Cooper 1E DHP

Order No.: 9902039

Dear Shirley Ebert,

On Site Technologies, LTD. received 2 samples on 2/8/99 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,

A handwritten signature in black ink, appearing to read "David Cox", written in a cursive style.

David Cox

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 25-Feb-99

CLIENT: Conoco, Inc.
Project: Cooper 1E DHP
Lab Order: 9902039

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.

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 25-Feb-99

Client:	Conoco, Inc.	Client Sample Info:	Cooper 1E DHP
Work Order:	9902039	Client Sample ID:	Center of Pit
Lab ID:	9902039-01A	Matrix:	SOIL
Project:	Cooper 1E DHP	Collection Date:	2/8/99 9:28:00 AM
		COC Record:	B1181

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	2/24/99
GASOLINE RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C6-C10	280	36		mg/Kg	200	2/12/99
BTEX		SW8021B				Analyst: HR
Benzene	ND	500		µg/Kg	500	2/9/99
Toluene	1200	1000		µg/Kg	500	2/9/99
Ethylbenzene	1300	500		µg/Kg	500	2/9/99
m,p-Xylene	15000	1000		µg/Kg	500	2/9/99
o-Xylene	3200	500		µg/Kg	500	2/9/99

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

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

- TO PROTECT PEOPLE AND THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 25-Feb-99

Client:	Conoco, Inc.	Client Sample Info:	Cooper 1E DHP
Work Order:	9902039	Client Sample ID:	4pt. Composite
Lab ID:	9902039-02A	Matrix:	SOIL
Project:	Cooper 1E DHP	Collection Date:	2/8/99 9:40:00 AM
		COC Record:	B1181

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	2/24/99
GASOLINE RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C6-C10	ND	0.18		mg/Kg	1	2/12/99

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

1 of 1

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TECHNOLOGIES, LTD. • WORKING WITH THE ENVIRONMENT