

OK-RISK-BTEX

District I	State Of New Mexico	RECEIVED JUL - 9 1999 OIL CON. DIV. DIST. 3	SUBMIT 1 COPY TO
P.O. Box 1980, Hobbs, NM	Energy, Minerals and Natural Resources Department		APPROPRIATE
District II			DISTRICT OFFICE
P.O. Drawer, Artesia, NM 88211	OIL CONSERVATION DIVISION		AND 1 COPY TO
District III	P.O. Box 2088		SANTA FE OFFICE
1000 Rio Brazos Rd. Aztec, NM 87410	Santa Fe, New Mexico 87504-2088		(Revised 3/9/94)

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>Standard 1</u>				
Well Name					
Location:	Unit or Qtr/Qtr Sec	<u>J</u> Sec	<u>4</u> T	<u>29N</u> R	<u>12</u> County San Juan
Pit Type:	Separator	Dehydrator	<u>X#2</u>	Other	
Land Type:	BLM	State	<u>X</u> Fee	Other	
Pit Location: (Attach diagram)	Pit dimension:	length	<u>12'</u>	width	<u>12'</u> depth <u>3'</u>
	Reference:	wellhead	<u>X</u>	other	
	Footage from reference:	<u>154'</u>			
	Direction from reference:	<u>28</u> Degrees	<u>X</u>	East of <u>X</u> North	
				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>	

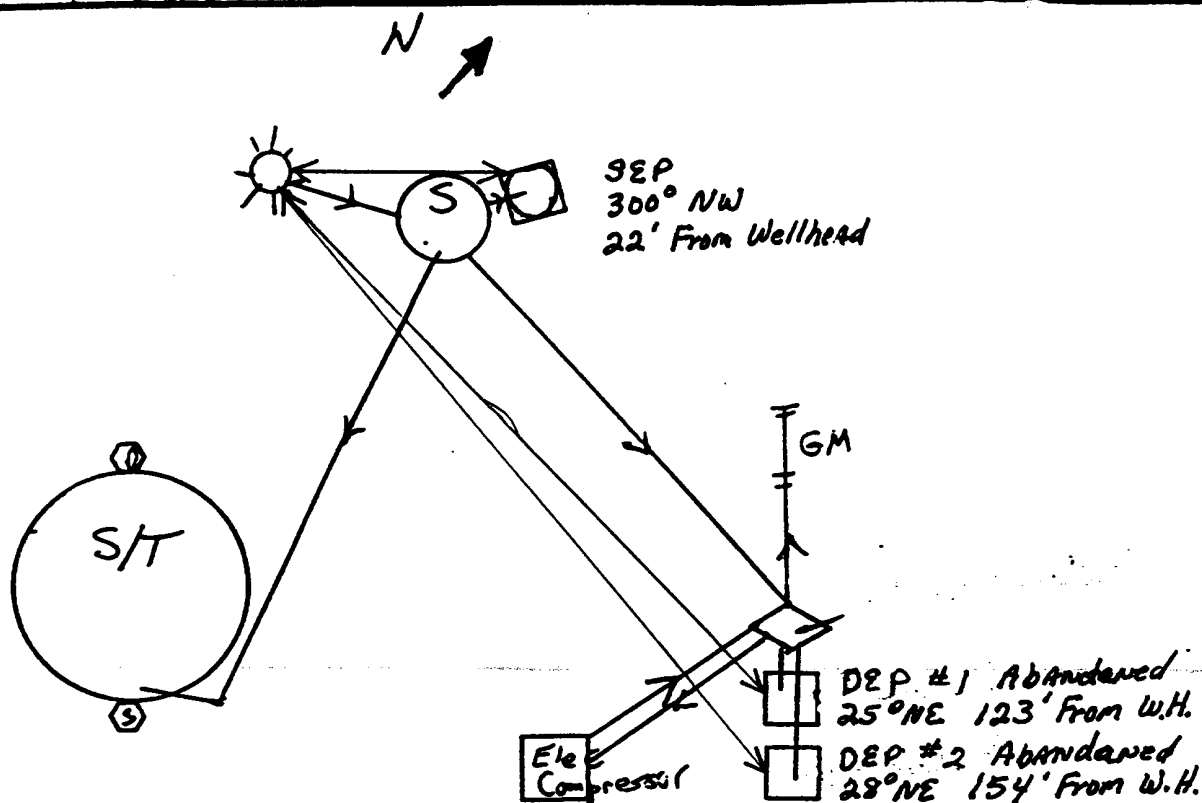
Date Remediation Started: _____		Date Completed: _____	
Remediation Method: (Check all appropriate sections)	Excavation: _____	Approx. cubic yards _____	
	Landfarm _____	Insitu Bioremediation _____	
	Other _____		
Remediation Location: _____		Onsite _____ Offsite _____	
(ie. landfarmed onsite, name and location of offsite facility)			
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 checked="" type="checkbox"/> Yes <input type="checkbox"/>	Depth _____
Final Pit: _____		Sample location	<u>Center of pit below bottom of pit</u>
Closure Sampling: _____		Sample depth	<u>3'</u>
(if multiple samples attach sample results and diagram of sample locations and depths)		Sample date <u>2/16/99</u>	Sample time <u>14:55</u>
Sample Results			
		Benzene (ppm)	<u>57</u>
		Total BTEX (ppm)	<u>791</u>
		Field headspace (ppm)	<u>397</u>
		TPH	<u>6850</u>
Ground Water Sample: _____		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	(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>John Valley</u>		AND TITLE <u>P.L.</u>	

Lease Name:

Operator: Steve Miller

Date: 2-16-99

Site Security
(Indicate North)



Lease Name:

Standard 1

Federal/ Indian Lease No:

NM 029147

CA No.:

8910175350

Unit :

5

Legal Description:

Sect: 4 TP: 29N 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



Standard #1

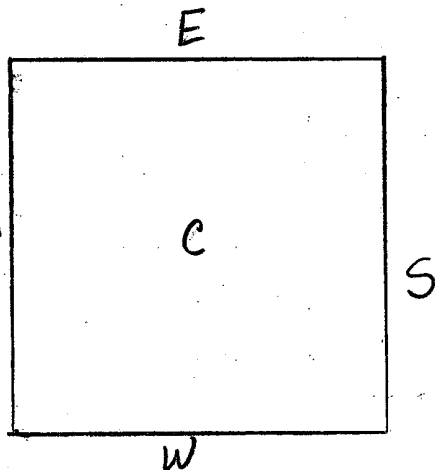
DEP # 1

123' From W.H. 25° NE

12' x 12' x 3'

* Center
North
East
West
South

Time	P.M.
1450	514
1451	4
1452	3
1453	4
1454	1



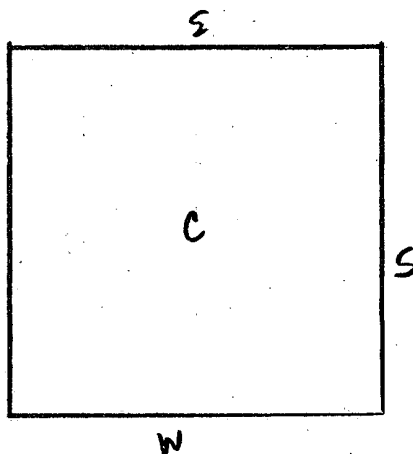
DEP # 2

12' x 12' x 3'

154' From W.H. 28° NE

Center
North
East
West
South

Time	P.M.
1455	397
1456	469
1458	123
1459	140
1500	167



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



CHAIN OF CUSTODY RECORD

5708

Date: 2-16-99

Page 1 of 1

TECHNOLOGIES, LTD.

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

Purchase Order No.:		Job No.		Name		Title				
SEND INVOICE TO	Name <u>Shirley Ebert</u>			Company						
	Company <u>CONOCO INC.</u>			Dept.						
	Address <u>3315 Bloomfield Hwy</u>			Mailing Address						
	City, State, Zip <u>FARMINGTON NM 87401</u>			City, State, Zip						
Sampling Location: <u>STANDARD #1</u> <u>DEP # 2</u>			Telephone No.			Telefax No.				
Sampler: <u>J. Valdez</u>			ANALYSIS REQUESTED							
SAMPLE IDENTIFICATION			SAMPLE		MATRIX		PRES.		LAB ID	
			DATE	TIME						
<u>CENTER OF PIT</u>			<u>2-16-99</u>	<u>1455</u>	<u>SOIL</u>		<u>NONE</u>		<u>1</u>	
<u>NORTH WALL</u>			<u>2-16-99</u>	<u>1456</u>	<u>SOIL</u>		<u>NONE</u>			
<u>EAST WALL</u>			<u>2-16-99</u>	<u>1458</u>	<u>SOIL</u>		<u>NONE</u>			
<u>WEST WALL</u>			<u>2-16-99</u>	<u>1459</u>	<u>SOIL</u>		<u>NONE</u>			
<u>SOUTH WALL</u>			<u>2-16-99</u>	<u>1500</u>	<u>SOIL</u>		<u>NONE</u>			
<u>4 PT Composite</u>			<u>2-16-99</u>	<u>1510</u>	<u>SOIL</u>		<u>NONE</u>		<u>1</u>	
Relinquished by: <u>J. Valdez</u>			Date/Time <u>2-17-99 11:51</u>		Received by: <u>[Signature]</u>			Date/Time <u>2/16/99 11:50</u>		
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: _____			Date							
(Client Signature <u>Must</u> Accompany Request)										

OFF: (505) 325-5667



LAB: (505) 325-1556

March 10, 1999

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

RE: Standard #1 DEP #2

Order No.: 9902075

Dear Shirley Ebert,

On Site Technologies, LTD. received 2 samples on 2/17/99 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 over a horizontal line.

David Cox

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 10-Mar-99

CLIENT: Conoco, Inc.
Project: Standard #1 DEP #2
Lab Order: 9902075

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: 10-Mar-99

Client:	Conoco, Inc.	Client Sample Info:	Standard #1 DEP #2
Work Order:	9902075	Client Sample ID:	Center of Pit
Lab ID:	9902075-01A	Matrix:	SOIL
Project:	Standard #1 DEP #2	Collection Date:	2/16/99 2:55:00 PM
		COC Record:	5708

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	650	25		mg/Kg	1	3/3/99
GASOLINE RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C6-C10	6200	450		mg/Kg	2500	2/25/99
BTEX		SW8021B				Analyst: HR
Benzene	57000	5000		µg/Kg	5000	2/22/99
Toluene	380000	10000		µg/Kg	5000	2/22/99
Ethylbenzene	38000	5000		µg/Kg	5000	2/22/99
m,p-Xylene	250000	10000		µg/Kg	5000	2/22/99
o-Xylene	66000	5000		µg/Kg	5000	2/22/99

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

P.O. BOX 2606 • FARMINGTON, NM 87499

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OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 10-Mar-99

Client:	Conoco, Inc.	Client Sample Info:	Standard #1 DEP #2
Work Order:	9902075	Client Sample ID:	4pt. Composite
Lab ID:	9902075-02A	Matrix:	SOIL
Project:	Standard #1 DEP #2	Collection Date:	2/16/99 3:10:00 PM
		COC Record:	5708

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	3/3/99
GASOLINE RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C6-C10	170	4.5		mg/Kg	25	2/25/99
BTEX		SW8021B				Analyst: HR
Benzene	110	100		µg/Kg	100	2/22/99
Toluene	2100	200		µg/Kg	100	2/22/99
Ethylbenzene	500	100		µg/Kg	100	2/22/99
m,p-Xylene	4700	200		µg/Kg	100	2/22/99
o-Xylene	1100	100		µg/Kg	100	2/22/99

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

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