

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 = 419 ppm

Ground Water Encountered: No Yes _____ Depth _____

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

Closure Sampling: Sample depth 3'

(if multiple samples
attach sample results
and diagram of sample
locations and depths) Sample date 2/8/99 Sample time 1132

Sample Results

Benzene (ppm) ND

Total BTEX (ppm) 43.6

Field headspace (ppm) 419

TPH 910

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

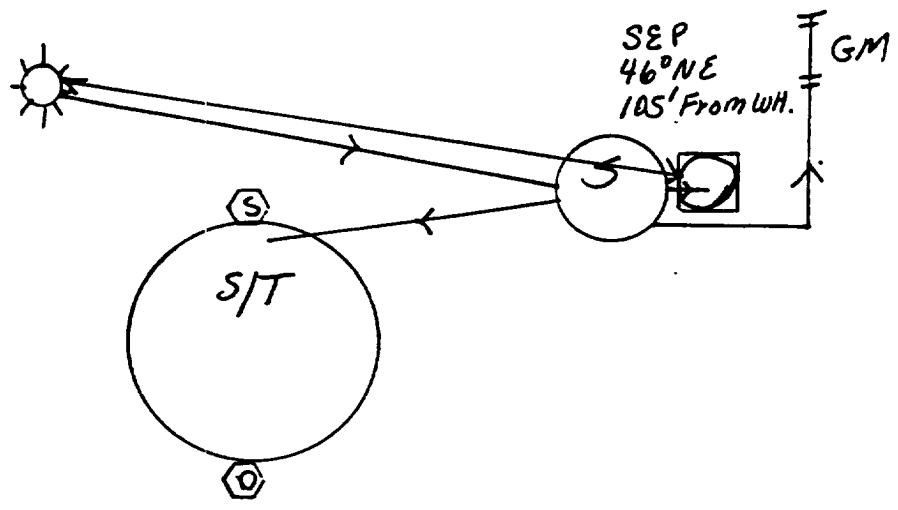
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST
OF MY KNOWLEDGE AND BELIEF

DATE 6-28-99 PRINTED NAME _____

SIGNATURE John Vahly AND TITLE P.L.

Lease Name: Federal 9 Operator: Steve Miller Date: 2-8-99

Site Security
(Indicate North)



Lease Name: Federal 9
Federal/ Indian Lease No: NM 021119
CA No.: 0290211190
Unit: N
Legal Description: Sec: 9 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

Federal 9

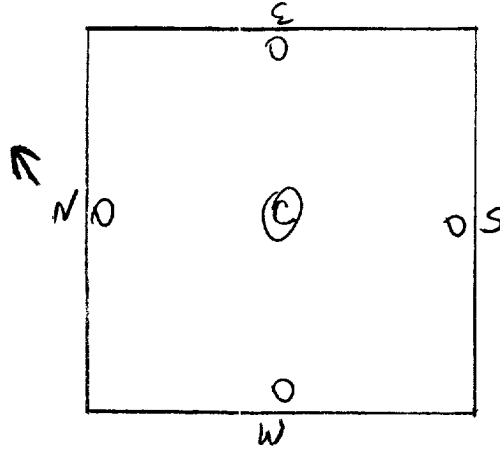
SEP PIT.

2-8-99

46° NE of W.H. 105' From W.H.

10' X 10' X 2'

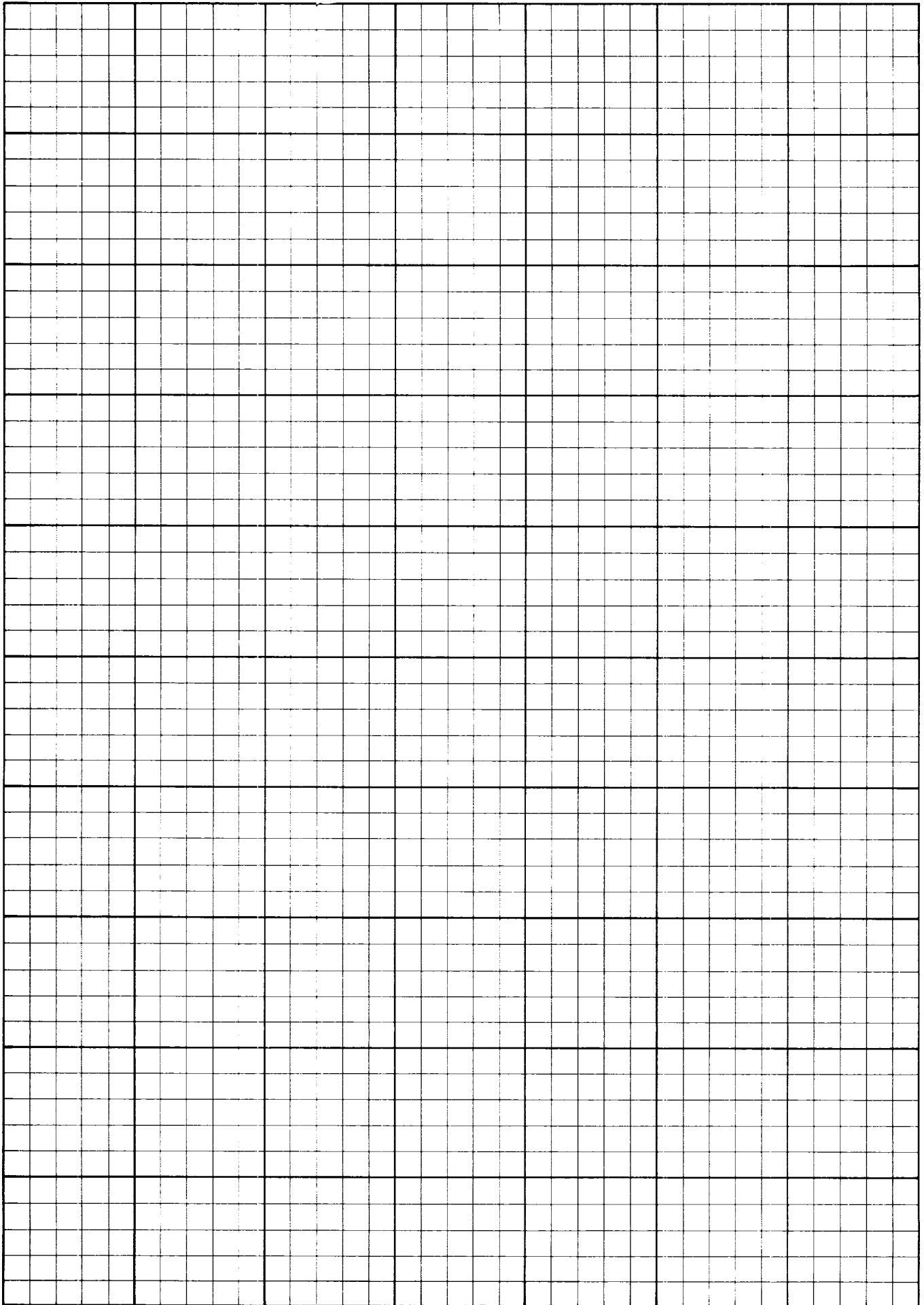
Instaled 80 Gals P. + TNT.



	Time	PPM
Center	1132	419
North	1134	13
East	1136	8
West	1138	6
South	1140	5

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







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

CHAIN OF CUSTODY RECORD

B 1197

Date: 2-8-99 Page 1 of 1

Purchase Order No.:		Job No.:		Name		Title	
Name: Shirley Ebert		Company: Conoco Fuel		Mailing Address:		Company:	
Address: 3315 Bloomfield Hwy.		City, State, Zip: Farmington N.M. 87101		City, State, Zip:		City, State, Zip:	
City, State, Zip: Federal, NM		Telephone No.:		Telephone No.:		Telefax No.:	
Sampling Location: Federal, NM		SEP		ANALYSIS REQUESTED			
Sampler: J. Valdez		RESULTS TO REPORT		Containers of			
SAMPLE IDENTIFICATION	SAMPLE DATE		MATRIX	PRES.	Number of Containers	BTEX SO2 TPH HCL B15	LAB ID
	DATE	TIME					
Center of Pt.	2-8-99	1132	SOIL	NONE	1	✓	419
North	2-8-99	1134	SOIL	NONE		✓	13
East	2-8-99	1136	SOIL	NONE			8
West	2-8-99	1138	SOIL	NONE			6
South	2-8-99	1140	SOIL	NONE			5
PT. Composite	2-8-99	1150	SOIL	NONE	1	✓	
Relinquished by: J. Valdez		Date/Time: 2-8-99/1452		Received by: J. S.		Date/Time: 2/6/99 1:50	
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	
Authorized by:		Date:		Special Instructions:			

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: Federal 9 SEP

Order No.: 9902041

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: Federal 9 SEP
Lab Order: 9902041

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: Federal 9 SEP
Work Order: 9902041	Client Sample ID: Center of Pit
Lab ID: 9902041-01A	Matrix: SOIL
Project: Federal 9 SEP	Collection Date: 2/8/99 11:32:00 AM
	COC Record: B1197

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS						Analyst: DC
T/R Hydrocarbons: C10-C28	520	25		mg/Kg	1	2/25/99
GASOLINE RANGE ORGANICS						Analyst: HR
T/R Hydrocarbons: C6-C10	390	45		mg/Kg	250	2/12/99
BTEX						Analyst: HR
Benzene	ND	250		µg/Kg	250	2/11/99
Toluene	ND	500		µg/Kg	250	2/11/99
Ethylbenzene	2500	250		µg/Kg	250	2/11/99
m,p-Xylene	39000	500		µg/Kg	250	2/11/99
o-Xylene	2100	250		µg/Kg	250	2/11/99

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	Sur: - Surrogate

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OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 25-Feb-99

Client:	Conoco, Inc.	Client Sample Info:	Federal 9 SEP
Work Order:	9902041	Client Sample ID:	4pt. Composite
Lab ID:	9902041-02A	Matrix:	SOIL
Project:	Federal 9 SEP	Collection Date:	2/8/99 11:50:00 AM
		COC Record:	B1197

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	2/12/99

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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- TECHNOLOGY SERVING THE ENVIRONMENT -