

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

OK
RECEIVED
JUL - 9 1998
OIL CON. DIV.
DIST. 3

SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE
(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>Ludwick LS 26</u>				
Well Name					
Location:	Unit or Qtr/Qtr Sec	<u>I</u> Sec	<u>31</u> T	<u>30N</u> R	<u>10</u> County San Juan
Pit Type:	Separator	<u>X</u>	Dehydrator		Other
Land Type:	BLM		State	<u>X</u>	Fee Other
Pit Location: (Attach diagram)	Pit dimension:	length	<u>10'</u>	width	<u>10'</u> depth <u>2'</u>
	Reference:	wellhead	<u>X</u>	other	
	Footage from reference:		<u>17'</u>		
	Direction from reference:	<u>62</u>	Degrees	<u>X</u>	East of <u>X</u> North West of <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:	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: <u>Sample taken from center of pit -- 3' in from bottom of pit -- till bottom of pit to 1' -- back fill with clean soil to 6" crown</u>			
Ground Water Encountered:	No _____	X _____	Yes _____
		Depth _____	
Final Pit:	Sample location	<u>center of pit</u>	
Closure Sampling:	_____		
(if multiple samples attach sample results and diagram of sample locations and depths)	Sample depth	<u>3' from existing surface -- 5' in</u>	
	Sample date	<u>3/24/99</u>	Sample time <u>13:55</u>
Sample Results			
	Benzene (ppm)	<u>NR</u>	
	Total BTEX (ppm)	<u>NR</u>	
	Field headspace (ppm)	<u>1</u>	
	TPH	<u>ND</u>	
Ground Water Sample:	Yes _____	No _____	X _____ (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 Valdez</i></u>	AND TITLE	<u>P.L.</u>

Lease Name: Ludwick LS

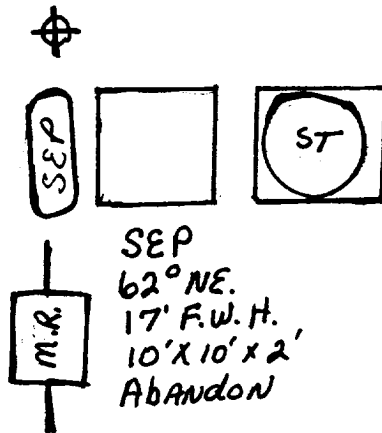
26

Operator: R.B.

Date: 3-24-99

Site Security

N arrow



Lease Name: Ludwick LS 26

Federal/ Indian Lease No: SF-078194

CA No.: _____

Unit : _____

Legal Description: Sec. 31 T-30N R10W

County: SAN JUAN

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



Ludwick LS 26

SEP

62° NE 17' From W.H.

10' x 10' x 2'

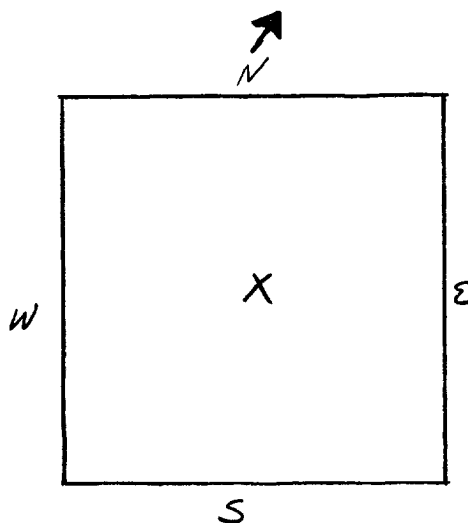


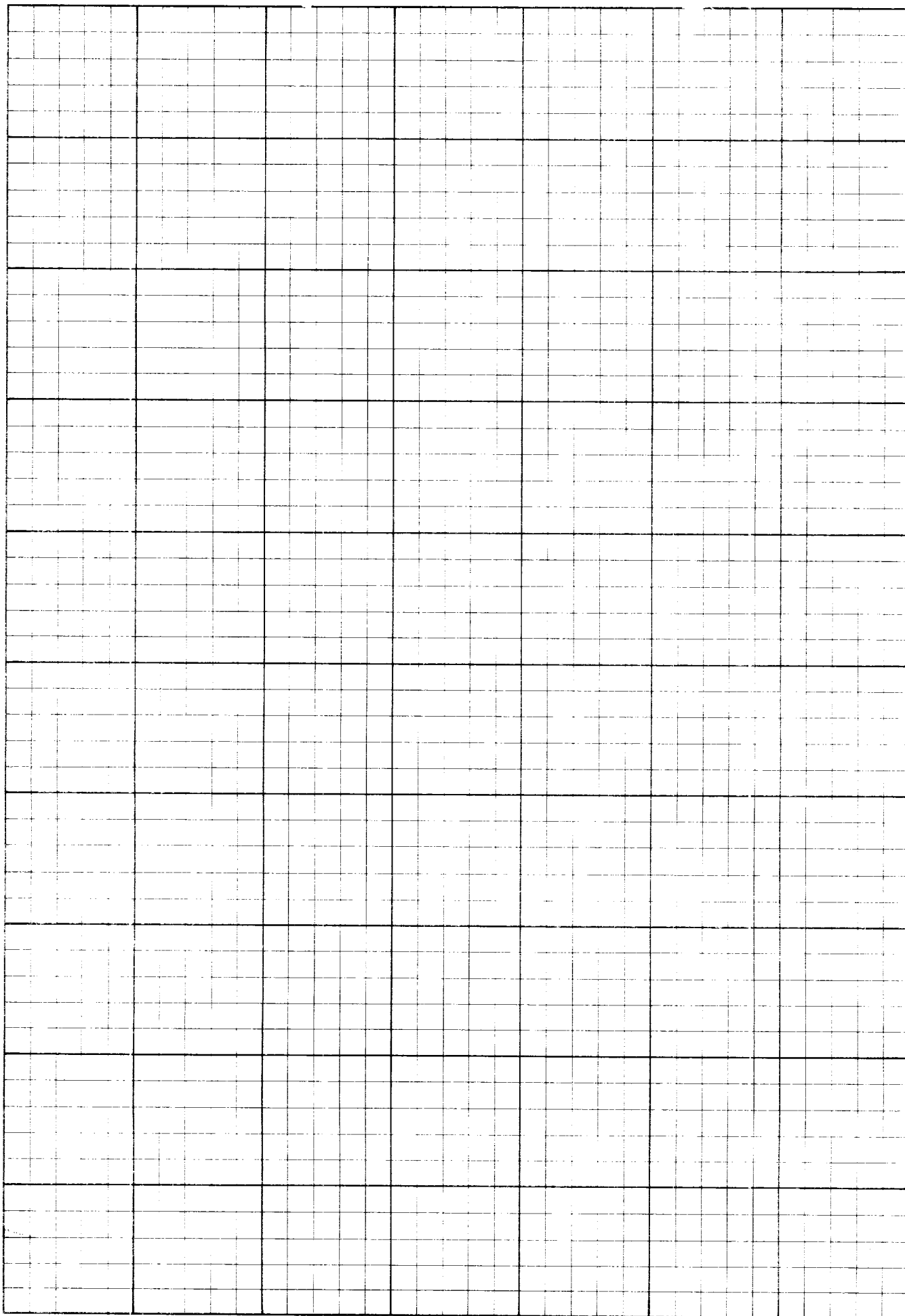
Center of Pit

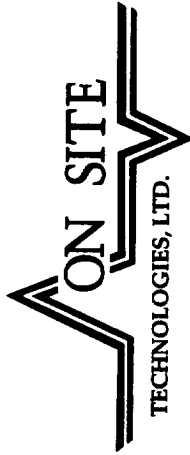
Time : 1355

PDM : 1

Sample Time 1358







CHAIN OF CUSTODY RECORD

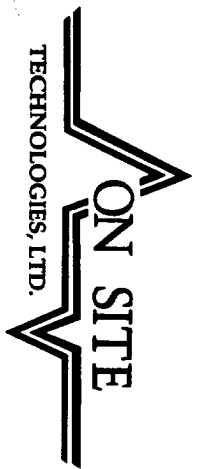
612 E. Murray Dr. • P.O. Box 2606 • Farmington, NM 87499
LAB: (505) 325-5667 • FAX: (505) 327-1496

10033

Date: 3-24-99

Page: 1 of 1

Purchase Order No.:		Project No.	
Name: Shirley Ebert		Title:	
Company: Corvoco Inc.		Company:	
Address: 3315 Bloomfield Hwy		Mailing Address:	
City, State, Zip: Farmington NM 87401		City, State, Zip:	
PROJECT LOCATION: Ludwick LS 26		Telephone No.:	
SEB		Telefax No.:	
SAMPLER'S SIGNATURE: J. Valdez		ANALYSIS REQUESTED	
SEND INVOICE TO		RESULTS TO	
SAMPLE IDENTIFICATION		Number of Containers	
DATE	TIME	MATRIX	PRES.
3-24-99	1355	Soil	Moist
Container of Pit		1	
OVM Reading		1	
Date/Time		Date/Time	
3-24-99		3-24-99	
Relinquished by: J. Valdez		Received by: J. Valdez	
Date/Time		Date/Time	
3-24-99		3-24-99	
Relinquished by:		Received by:	
Date/Time		Date/Time	
3-24-99		3-24-99	
Method of Shipment:		Rush	
Authorized by:		24-48 Hours	
(Client Signature Must Accompany Request)		10 Working Days	
Date		By Date	
3-24-99		3-24-99	
Special Instructions / Remarks:		Date/Time	
3-24-99		3-24-99	



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CHAIN OF CUSTODY RECORD

10033

Date: 3-24-99

Page: 1 of 1

Purchase Order No.:		Project No.												
SEND INVOICE TO														
Name <u>Shirley Ebert</u>		Title												
Company <u>Conoco Inc.</u>		Company												
Address <u>3345 Bloomfield Hwy</u>		Mailing Address												
City, State, Zip <u>Farmington NM 87401</u>		City, State, Zip												
Telephone No.		Telefax No.												
PROJECT LOCATION: <u>Kudwick LS 26</u>														
SECP														
SAMPLER'S SIGNATURE: <u>J. Valdez</u>														
SAMPLE IDENTIFICATION														
DATE	TIME	MATRIX	PRES.	Number of Containers	REPORT RESULTS TO				ANALYSIS REQUESTED				LAB ID	
<u>3-24-99</u>	<u>13:55</u>	<u>Soil</u>	<u>None</u>	<u>1</u>	<u>8749</u>	<u>8020</u>	<u>8015</u>							
Relinquished by: <u>J. Valdez</u>				Date/Time: <u>3/24/99 1:00 PM</u>	Received by: <u>J. Valdez</u>	Date/Time: <u>3/24/99 1:00 PM</u>								
Relinquished by: <u>J. Valdez</u>				Date/Time: <u>3/24/99 1:00 PM</u>	Received by: <u>J. Valdez</u>	Date/Time: <u>3/24/99 1:00 PM</u>								
Relinquished by: <u>J. Valdez</u>				Date/Time: <u>3/24/99 1:00 PM</u>	Received by: <u>J. Valdez</u>	Date/Time: <u>3/24/99 1:00 PM</u>								
Method of Shipment:				Special Instructions / Remarks:										
Authorized by: _____				Date: _____										
(Client Signature Must Accompany Request)														

OFF: (505) 325-5667



LAB: (505) 325-1556

April 07, 1999

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

RE: Ludwick LS 26 SEP

Order No.: 9903059

Dear Shirley Ebert,

On Site Technologies, LTD. received 1 sample on 3/26/99 for the analyses presented in the following report.

The Samples were analyzed for the following tests:

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", is written over a horizontal line.

David Cox

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 07-Apr-99

CLIENT: Conoco, Inc.
Project: Ludwick LS 26 SEP
Lab Order: 9903059

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: 07-Apr-99

Client:	Conoco, Inc.	Client Sample Info:	Ludwick LS 26 SEP
Work Order:	9903059	Client Sample ID:	Center of Pit
Lab ID:	9903059-01A	Matrix:	SOIL
Project:	Ludwick LS 26 SEP	Collection Date:	3/24/99 1:55:00 PM
		COC Record:	10033

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	3/30/99
GASOLINE RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C6-C10	ND	0.18		mg/Kg	1	3/29/99

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

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BECOMES PART OF THE ENVIRONMENT -

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