

OK - risk TPA

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

RECEIVED
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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: Conoco Inc. Telephone: 505-324-5813
Address: 3315 Bloomfield Hwy - Farmington, NM 87401
Facility Or: Ludwick LS 16
Well Name _____
Location: Unit or Qtr/Qtr Sec _____ G _____ Sec _____ 31 T _____ 30N R _____ 10 County San Juan
Pit Type: Separator _____ Dehydrator _____ Other BDP
Land Type: BLM _____ State _____ X Fee _____ Other _____
Pit Location: Pit dimension: length 40' width 23' depth 4'
(Attach diagram) Reference: wellhead X other _____
Footage from reference: 46'
Direction from reference: 204 Degrees _____ East of _____ North
_____ X West X 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 -- till bottom of pit 1' -- back fill clean soil</u>			
Ground Water Encountered:	No _____	X _____	Yes _____
		Depth _____	
Final Pit:	Sample location	<u>center of pit -- 3' in off of bottom of pit</u>	
Closure Sampling:	_____		
(if multiple samples attach sample results and diagram of sample locations and depths)	Sample depth	_____ 3'	
	Sample date	<u>3/18/99</u>	Sample time <u>14:50</u>
Sample Results			
	Benzene (ppm)	_____ 0.5	
	Total BTEX (ppm)	_____ 55	
	Field headspace (ppm)	_____ 1021	
	TPH	_____ 6210	
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>[Signature]</u>	AND TITLE	<u>P.L.</u>

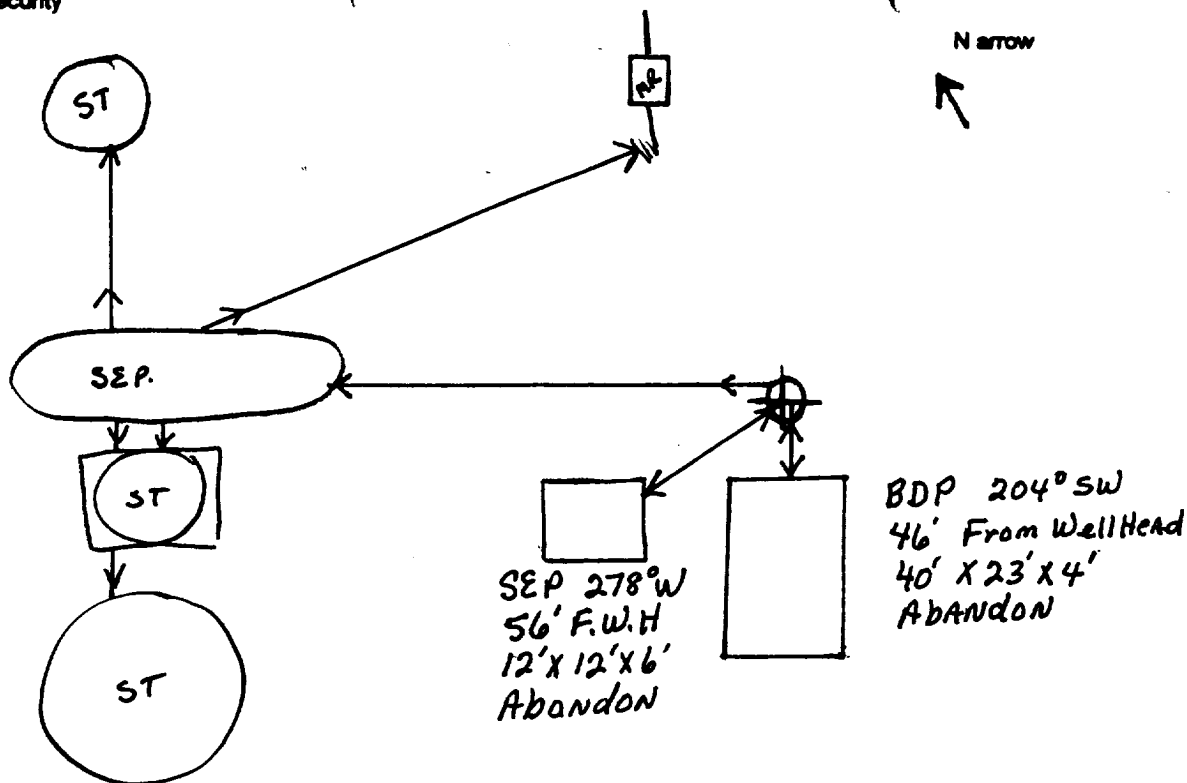
Lease Name:

Operator:

Date: 3-18-99

Site Security

N arrow

Lease Name: Ludwick LS 110Federal/ Indian Lease No: SF078194

CA No.: _____

Unit: GLegal Description: Sec. 31 - T30N - R10WCounty: 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

Ludwick LS 16 BDP.

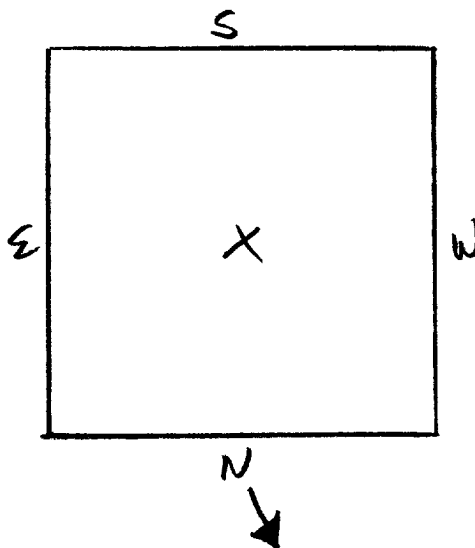
204° SW - 46' From Well head to middle of Pit

40' x 23' x 4'

Center of Pit.

Time 1450

P.P.M. 1021



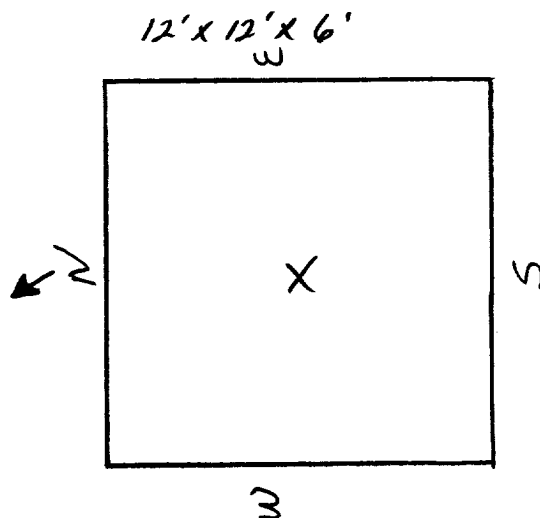
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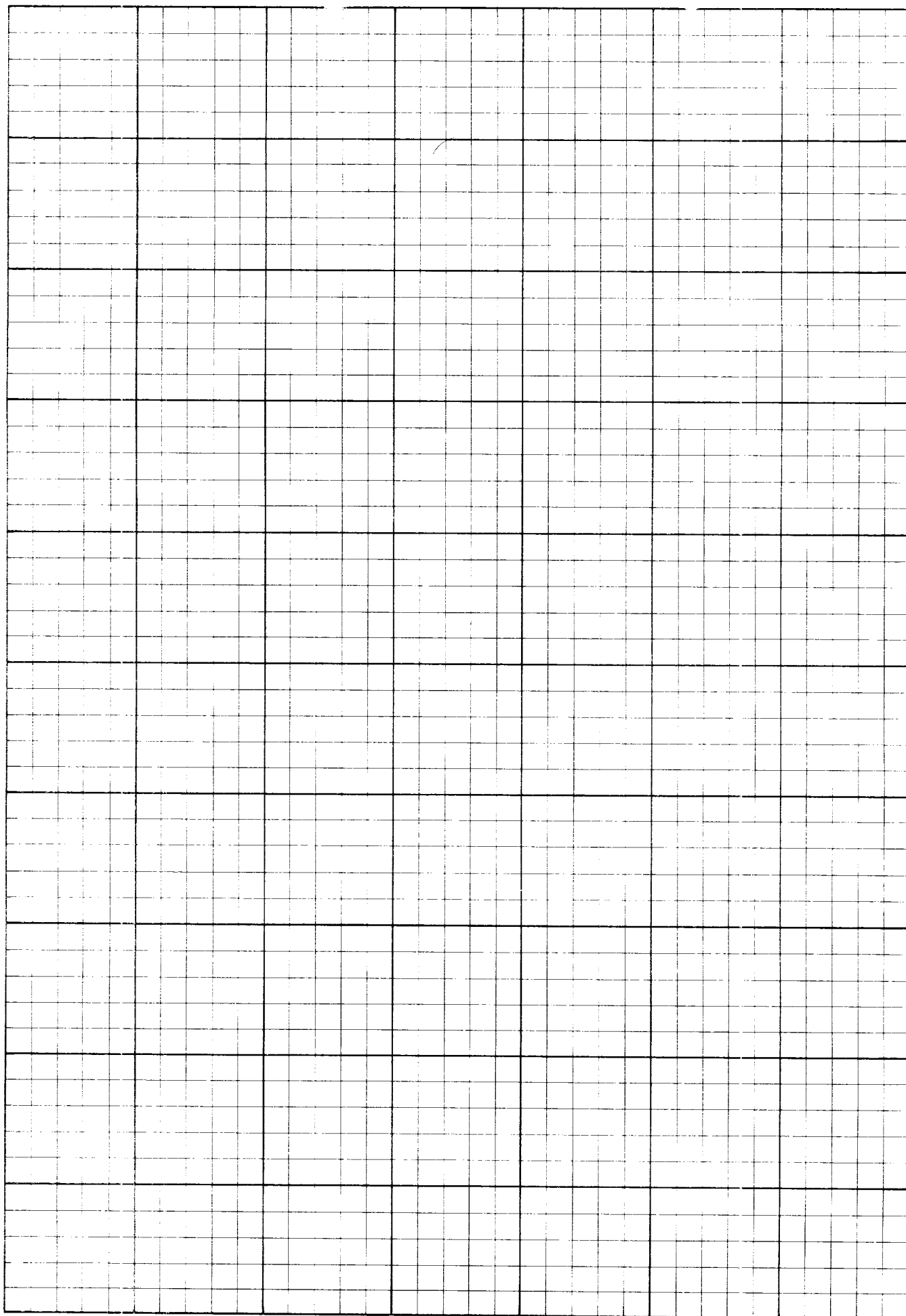
SEP

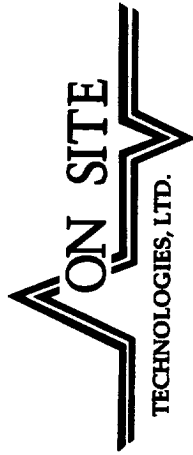
278° W 56' From WH
Center of Pit

Time - 1448

PPM - 16







CHAIN OF CUSTODY RECORD

10028

Date: 3-18-99
Page: 1 of 1

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

Purchase Order No.:		Project No.	
Name <u>Shirley Ebert</u>		Title	
Company <u>Coenco Inc.</u>		Company	
Address <u>3315 Bloomfield Hwy</u>		Mailing Address	
City, State, Zip <u>Farmington NM 87401</u>		City, State, Zip	
PROJECT LOCATION: <u>Ludwick LS 16</u>		Telephone No.	
SAMPLER'S SIGNATURE: <u>J. Vally</u>		Telefax No.	
BOP - 5EP		ANALYSIS REQUESTED	
SAMPLE IDENTIFICATION		LAB ID	
DATE	TIME	MATRIX	PRES.
3-18-99	1450	Soil	Moist
BOP - Center of Pit		✓ 1024	
SEP - Center of Pit		✓ 16	
Relinquished by: <u>J. Vally</u>		Received by: <u>J. Vally</u>	
Relinquished by:		Received by:	
Relinquished by:		Received by:	
Method of Shipment:		Rush	
Authorized by: _____		Date _____	
(Client Signature <u>Must</u> Accompany Request)		Special Instructions / Remarks:	

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 26-Mar-99

Client:	Conoco, Inc.	Client Sample Info:	Ludwick LS 16 BDP
Work Order:	9903047	Client Sample ID:	Center of Pit
Lab ID:	9903047-01A	Matrix:	SOIL
Project:	Ludwick LS 16	Collection Date:	3/18/99 2:50:00 PM
		COC Record:	10028

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: DC
T/R Hydrocarbons: C10-C28	5500	25		mg/Kg	2	3/23/99
GASOLINE RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C6-C10	710	36		mg/Kg	200	3/19/99
AROMATIC VOLATILES BY GC/PID		SW8021B				Analyst: HR
Benzene	470	250		µg/Kg	250	3/22/99
Toluene	4300	500		µg/Kg	250	3/22/99
Ethylbenzene	7500	250		µg/Kg	250	3/22/99
m,p-Xylene	34000	500		µg/Kg	250	3/22/99
o-Xylene	8600	250		µg/Kg	250	3/22/99

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

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -