

OK

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**  
 JUL - 9 1999  
**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     X     Dehydrator          Other         

Land Type: BLM          State     X     Fee          Other         

Pit Location: Pit dimension: length 12' width 12' depth 6'  
 (Attach diagram)

Reference: wellhead     X     other         

Footage from reference: 56'

Direction from reference: 278 Degrees          East of          North  
    X     West          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): 0

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: Sample taken -- till bottom of pit 1' -- back fill clean soil

Ground Water Encountered: No  Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit: Sample location center of pit -- 3' in off of bottom of pit

Closure Sampling: \_\_\_\_\_

(if multiple samples attach sample results and diagram of sample locations and depths) Sample depth 3'

Sample date 3/18/99 Sample time 14:48

Sample Results

Benzene (ppm) NR

Total BTEX (ppm) NR

Field headspace (ppm) 16

TPH ND

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 \_\_\_\_\_

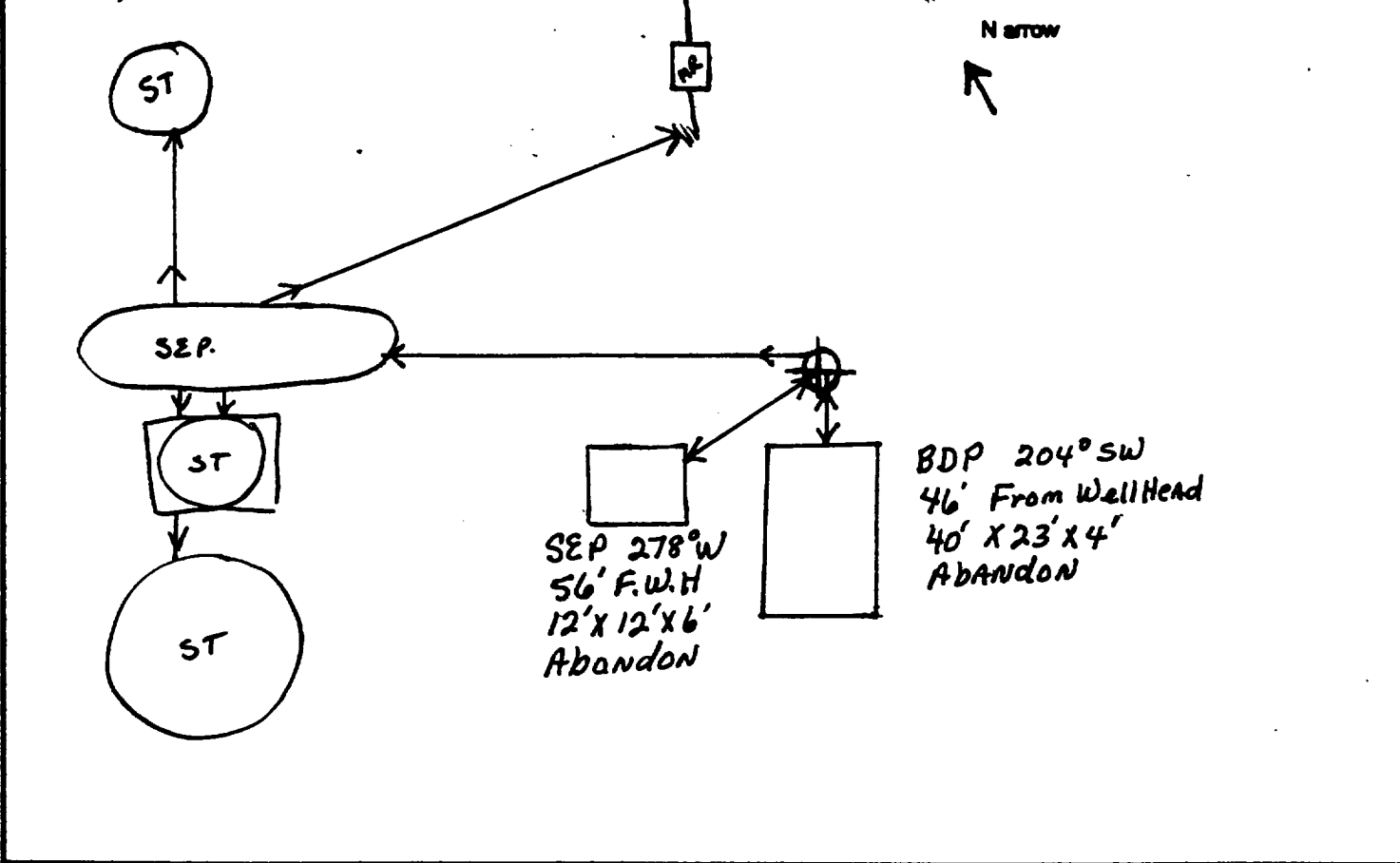
SIGNATURE [Signature] AND TITLE P.L.

Lease Name:

Operator:

Date: 3-18-99

Site Security



Lease Name: Ludwick LS 110

Federal/ Indian Lease No: SF078194

CA No.: \_\_\_\_\_

Unit: G

Legal Description: Sec. 31-T30N-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

Ludwick LS 16 BQP.

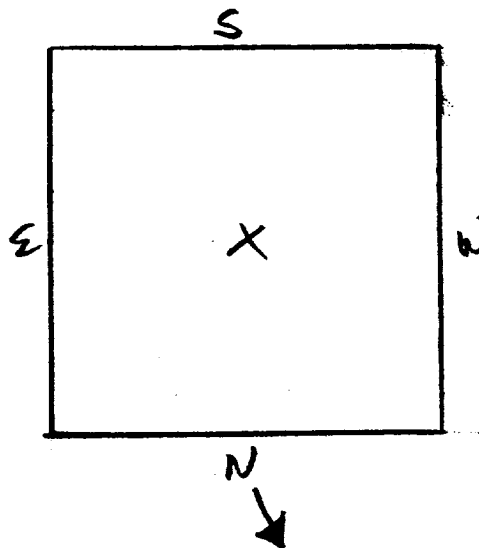
204° SW - 46' From well head to middle of Pit

40' x 23' x 4'

Center of Pit.

Time 1450

PPM 1021



+

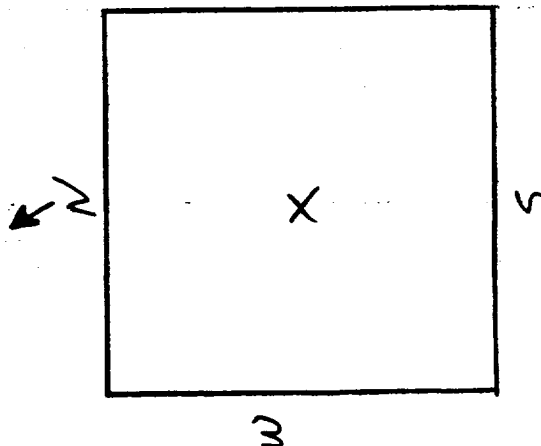
SEP

278° W 56' From Well  
Center of Pit

Time - 1448

PPM - 16

12' x 12' x 6'







OFF: (505) 325-5667



LAB: (505) 325-1556

**ANALYTICAL REPORT**

**Date:** 26-Mar-99

<b>Client:</b> Conoco, Inc.	<b>Client Sample Info:</b> Ludwick LS 16 SEP
<b>Work Order:</b> 9903047	<b>Client Sample ID:</b> Center of Pit
<b>Lab ID:</b> 9903047-02A <b>Matrix:</b> SOIL	<b>Collection Date:</b> 3/18/99 2:48:00 PM
<b>Project:</b> Ludwick LS 16	<b>COC Record:</b> 10028

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015</b>				Analyst: <b>DC</b>
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	3/24/99
<b>GASOLINE RANGE ORGANICS</b>		<b>SW8015</b>				Analyst: <b>HR</b>
T/R Hydrocarbons: C6-C10	ND	0.18		mg/Kg	1	3/19/99

**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