

District I
P.O. Box 1980, Hobbs, NM

State of New Mexico
Energy, Minerals and Natural Resources Department

SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

District II
P.O. Box 1980, Hobbs, NM 88241

District III
DEPUTY OIL & GAS INSPECTOR
1000 W. 1st St., Albuquerque, NM 87102

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

(Revised 3/9/94)

JUN 23 1998

PIT REMEDIATION AND CLOSURE REPORT

Operator: Conoco, Inc Telephone: 915-686-5453

Address: 10 Destra Drive, Suite 100W, Midland, TX 79705-4500

Facility Or

Well Name: Nassau 7

Location: Unit or Qtr/Qtr K Sec 36 T27N R12W County San Juan

Pit Type: Separator X Dehydrator Other

Land Type: BLM X, State , Fee , Other

Pit Location: Pit dimensions: length 15', width 15', depth 4'

(Attach diagram)

Reference: wellhead X, other

Footage from reference: 40'

Direction from reference: 60 Degrees X East North X,
of
X West South

Depth To Ground Water: Less than 50 feet (20 points)
(Vertical distance from 50 feet to 99 feet (10 points)
contaminants to seasonal Greater than 100 feet (0 points)
high water elevation of 0
ground water)

Wellhead Protection Area: Yes (20 points)
(Less than 200 feet from a private No (0 points)
domestic water source, or; less than 0
1000 feet from all other water sources)

Distance To Surface Water: Less than 200 feet (20 points)
(Horizontal distance to perennial 200 feet to 1000 feet (10 points)
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points)
irrigation canals and ditches) 0

RANKING SCORE (TOTAL POINTS): 0.

Date Remediation Started: _____ Date Completed: _____

Remediation Method: Excavation _____ Approx. cubic yards _____
(Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____
other _____

Remediation Location: Onsite _____ Offsite _____
(ie. landfarmed onsite,
name and location of
offsite facility) _____

General Description Of Remedial Action: Pit sampled on 10/20/97, samples were taken from all four sidewalls at 3' into sidewalls of pit. Three samples were taken from pit bottom All samples were field screen, sidewall and bottom samples were composited, split and placed in clean jars with TEFLON® closure for transportation to lab for TPH analysis per EPA Method 8015M. Site Re-hab. done on 11/07/97.

Sample Sidewall	PID Units	Time
North	0.0	1032
South	0.0	1025
East	0.0	1028
West	0.0	1023

Sample Bottom	PID Units	Time
NW Corner	41.8	1019
SE Corner	0.0	1021
Center	21.5	1030

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit: Sample location: Composite samples of Sidewall and Bottom of pit

Closure Sampling:
(if multiple samples,
attach sample results
and diagram of sample

Sample depth 3' feet into sidewalls and 3' below bottom of the pit

locations and depths)

Sample date 10/20/97 Sample time 1031 BTM/1035 Sidewall

Sample Results

Benzene (ppm) _____

Total BTEX (ppm)

Field headspace (ppm) Refer to Tables

TPH Bottom BDL Sidewall BDL

BDL Below Detection Limits

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

SIGNATURE Shirley L. Ebert

PRINTED NAME
AND TITLE Shirley L. Ebert SHAW Spec -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: *Larry Trujillo*
Company: *On Site Technologies, Ltd. c/o Conoco, Inc.*
Address: *612 E. Murray Drive*
City, State: *Farmington, NM 87401*

Date: *24-Oct-97*
COC No.: *6535*
Sample No.: *16618*
Job No.: *4-1366*

Project Name: **Conoco, Inc. - Nassau #7**
Project Location: **4-1366-1; Bottom Composite**
Sampled by: *LT* Date: *20-Oct-97* Time: *10:31*
Analyzed by: *DC/HR* GRO Date: *21-Oct-97*
Sample Matrix: *Soil* DRO Date: *21-Oct-97*

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Gasoline Range Organics (C5 - C9)</i>	ND	mg/kg	0.5	mg/kg
<i>Diesel Range Organics (C10 - C28)</i>	ND	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

GRO QC No.: 0554-STD

DRO QC No.: 0555-STD

Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
<i>Gasoline Range (C5 - C9)</i>	ND	ppb	1,801	2,010	11.0	15%
<i>Diesel Range (C10 - C28)</i>	ND	ppm	200	222	10.4	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Gasoline Range (C5-C9)</i>	99	99	(80-120)	1	20%
<i>Diesel Range (C10-C28)</i>	87	97	(75-125)	10	20%

Method: *SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by: *[Signature]*
Date: *10/24/97*

P.O. BOX 2606 • FARMINGTON, NM 87499

LABORATORY REPORT - FARMINGTON, NM 87499

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: **Larry Trujillo**
Company: **On Site Technologies, Ltd. c/o Conoco, Inc.**
Address: **612 E. Murray Drive**
City, State: **Farmington, NM 87401**

Date: **24-Oct-97**
COC No.: **6535**
Sample No.: **16619**
Job No.: **4-1366**

Project Name: **Conoco, Inc. - Nassau #7**
Project Location: **4-1366-2; Sidewall Composite**
Sampled by: **LT** Date: **20-Oct-97** Time: **10:35**
Analyzed by: **DC/HR** GRO Date: **21-Oct-97**
Sample Matrix: **Soil** DRO Date: **21-Oct-97**

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
Gasoline Range Organics (C5 - C9)	ND	mg/kg	0.5	mg/kg
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Method: SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography

Approved by: 
Date: **10/24/97**

P.O. BOX 2606 • FARMINGTON, NM 87499

TECHNOLOGIES, LTD.

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

[illegible]

Distribution:	White – On Site	Yellow – LAB	Pink – Sampler	Goldenrod – Client
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5535

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Date: 10/20/97

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LAB: (505) 325-5667 • FAX: (505) 325-6256

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