

District I  
P.O. Box 1980 Hobbs, NM

District II  
P.O. Drawer 1000 Hobbs, NM

District III  
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico

Energy, Minerals and Natural Resources Department

*Lenny S. Frost*  
DEPUTY OIL & GAS INSPECTOR

OIL CONSERVATION DIVISION

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

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

(Revised 3/9/94)

JUN 23 1998

*Approved*  
**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 5R

Location: Unit or Qtr/Qtr A 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: 65 Degrees X East North X  
of  
     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	<u>0</u>	
ground water)		

Wellhead Protection Area:	Yes	(20 points)
(Less than 200 feet from a private	No	(0 points)
domestic water source, or; less than	<u>0</u>	
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)	<u>0</u>	

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 \_\_\_\_\_  
(i.e. landfarmed onsite, name and location of offsite facility) \_\_\_\_\_

General Description Of Remedial Action: Pit sampled on 9-3-97.

Due to cement or some other hard substance poured into bottom of the pit Samples could not be taken from the bottom of the pit except for the northwest side of bottom of the pit

A sample was taken at northwest side of pit at 6' below bottom of pit.

PID reading was 25.1 ppm.

Site Re-Hab. Done on 11/07/97

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

Final Pit: Sample location: Sample taken from northwest side, bottom of pit

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

Sample depth 6' feet below bottom of the pit,

Sample date 9-3-1997, Sample time 1049,

**Sample Results**

Benzene (ppm) \_\_\_\_\_,

Total BTEX (ppm) \_\_\_\_\_,

Field headspace (ppm) 25.1 , ,

TPH 658.6 ,

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

SIGNATURE *Shirley L. Ebert*

PRINTED NAME AND TITLE *Shirley L. EBERT SHEAR Spcc.*

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: *16-Sep-97*  
 COC No.: *6741*  
 Sample No.: *16029*  
 Job No.: *4-1365*

Project Name: **Conoco, Inc. - Nassau #5R**  
 Project Location: **4-1364-1**  
 Sampled by: *LT* Date: *3-Sep-97* Time: *10:49*  
 Analyzed by: *DC/HR* GRO Date: *9-Sep-97*  
 Sample Matrix: *Soil* DRO Date: *12-Sep-97*

**Laboratory Analysis**

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
<i>Gasoline Range Organics (C5 - C9)</i>	<i>0.6</i>	<i>mg/kg</i>	<i>0.5</i>	<i>mg/kg</i>
<i>Diesel Range Organics (C10 - C28)</i>	<i>658</i>	<i>mg/kg</i>	<i>5</i>	<i>mg/kg</i>

ND - Not Detected at Limit of Quantitation

**Quality Assurance Report**

GRO QC No.: 0537-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>	<i>ND</i>	<i>ppb</i>	<i>1,801</i>	<i>1,952</i>	<i>8.1</i>	<i>15%</i>
<i>Diesel Range (C10 - C28)</i>	<i>ND</i>	<i>ppm</i>	<i>200</i>	<i>192</i>	<i>4.3</i>	<i>15%</i>

**Matrix Spike**

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
<i>Gasoline Range (C5-C9)</i>	<i>85</i>	<i>88</i>	<i>(80-120)</i>	<i>4</i>	<i>20%</i>
<i>Diesel Range (C10-C28)</i>	<i>88</i>	<i>73</i>	<i>(75-125)</i>	<i>14</i>	<i>20%</i>

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

Approved by: *[Signature]*  
 Date: *9/16/97*

P.O. BOX 2606 • FARMINGTON, NM 87499



