

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

District II  
P.O. Drawer DD, Artesia, NM 88221

District III  
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco Street  
Santa Fe, New Mexico 87505

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

**PIT REMEDIATION AND CLOSURE REPORT**

Operator: PNM Gas Services ( Energen ) Telephone: 324-3764

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Taliaferro #3

Location: Unit A Sec 31 T 31 N R 12 W County San Juan

Pit Type: Separator ☐ Dehydrator ☒ Other                     

Land Type: BLM ☐ State ☐ Fee ☒ Other                     

Pit Location: Pit dimensions: length 13 ' width 13 ' depth 3 '

(Attach diagram) Reference: wellhead ☒ other                     

Footage from reference: 169'

Direction from reference: 50 Degrees ☒ East North ☒  
of  
☐ 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 99 feet	(10 points)	
Greater than 100 feet	( 0 points)	<u>0</u>

**Wellhead Protection Area:**

(Less than 200 feet from a private  
domestic water source, or; less than 1,000  
feet from all other water sources)

Yes	(20 points)	
No	( 0 points)	<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)	
200 feet to 1,000 feet	(10 points)	
Greater than 1,000 feet	( 0 points)	<u>10</u>

**RANKING SCORE (TOTAL POINTS) :** 10

Taliaferro #3

Date Remediation Started: 06/02/1999

Date Completed: 06/02/1999

Remediation Method:

Excavation

X

Approx. Cubic Yard

308

(Check all appropriate sections)

Landfarmed

X

Amount Landfarmed (cubic yds)

278

Other

30 cu yds clean overburden.

Remediation Location:

Onsite

X

Offsite

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

Backfill Material Location:

General Description of Remedial Action:

Excavated contaminated soil to a pit size of 16' X 26' X 20' and landfarmed soil onsite within a bermed area at a depth of 6" to 12". Soil was aerated by disking/plowing until soil met regulatory levels.

Ground Water Encountered:

No



Yes



Depth

Final Pit Closure Sampling:

Sample Location

5 pt. composite - bottom.

(if multiple samples, attach sample result and diagram of sample locations and depths.)

Sample depth

20'

Sample date

06/02/1999

Sample time

12:50:00 PM

Sample Results

Benzene (ppm)

0.028

Total BTEX (ppm)

2.448

Field headspace (ppm)

TPH (ppm)

25.00

Method

8015B

Vertical Extent (ft)

Risk Analysis form attached Yes

No



Ground Water Sample:

Yes



No



(If yes, see attached Groundwater Site Summary Report)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND MY BELIEF

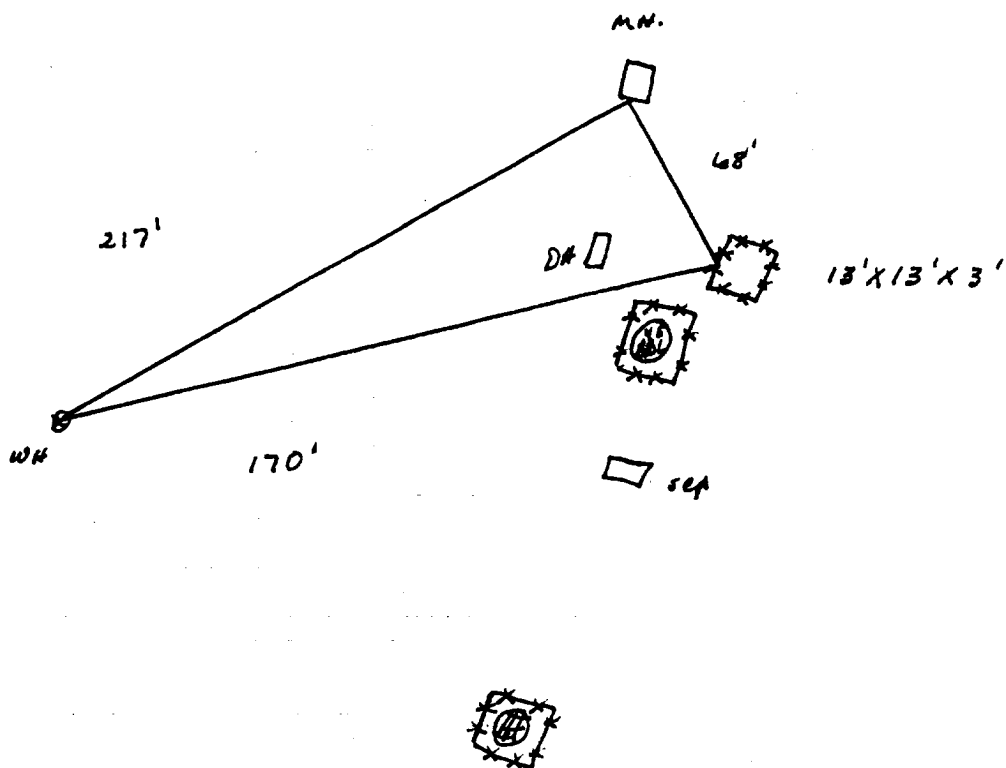
DATE January 24, 2000

SIGNATURE

*Maureen Gannon*

PRINTED NAME Maureen Gannon  
AND TITLE Project Manager

Taliaferro # 3  
 (A) 31-31N-12W  
 Energy  
 6-2-44 at 0910

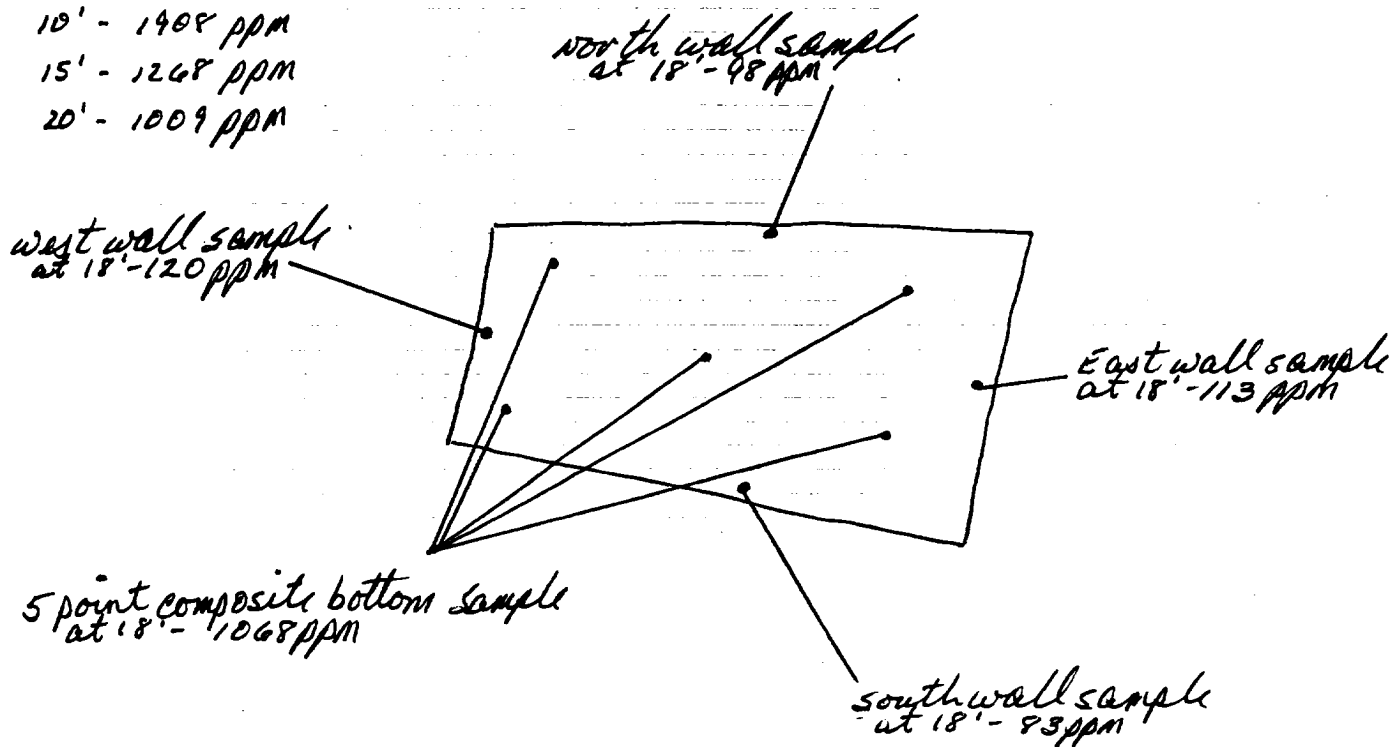


# Excavation Dimensions Sampling

18'(N+S) X 26'(E+W) X 20'(D)

## PID Readings

5' - 1047 ppm  
 10' - 1408 ppm  
 15' - 1268 ppm  
 20' - 1009 ppm



not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 17-Jun-99

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**CLIENT:** PNM - Public Service Company of NM  
**Project:** PNM Pit Remediation  
**Lab Order:** 9906011

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**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.

RH

OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 17-Jun-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Taliaferro #3
<b>Work Order:</b>	9906011	<b>Client Sample ID:</b>	9906021250; 5pt. Bottom Comp
<b>Lab ID:</b>	9906011-03A	<b>Matrix:</b>	SOIL
<b>Project:</b>	PNM Pit Remediation	<b>Collection Date:</b>	6/2/99 12:50:00 PM
		<b>COC Record:</b>	7632

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>		Analyst: DC		
T/R Hydrocarbons: C10-C28	25	25		mg/Kg	1	6/14/99
<b>AROMATIC VOLATILES BY GC/PID</b>		<b>SW8021B</b>		Analyst: DC		
Benzene	28	25		µg/Kg	25	6/10/99
Toluene	630	50		µg/Kg	25	6/10/99
Ethylbenzene	100	25		µg/Kg	25	6/10/99
m,p-Xylene	1200	50		µg/Kg	25	6/10/99
o-Xylene	490	25		µg/Kg	25	6/10/99

2448

2.448 ppm

<b>Qualifiers:</b>	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

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OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 17-Jun-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Taliaferro #3
<b>Work Order:</b>	9906011	<b>Client Sample ID:</b>	9906021255; 4pt. Wall Comp
<b>Lab ID:</b>	9906011-04A	<b>Matrix:</b>	SOIL
<b>Project:</b>	PNM Pit Remediation	<b>Collection Date:</b>	6/2/99 12:55:00 PM
		<b>COC Record:</b>	7632

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				<b>Analyst: DC</b>
T/R Hydrocarbons: C10-C28	25	25		mg/Kg	1	6/9/99

<b>Qualifiers:</b>	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

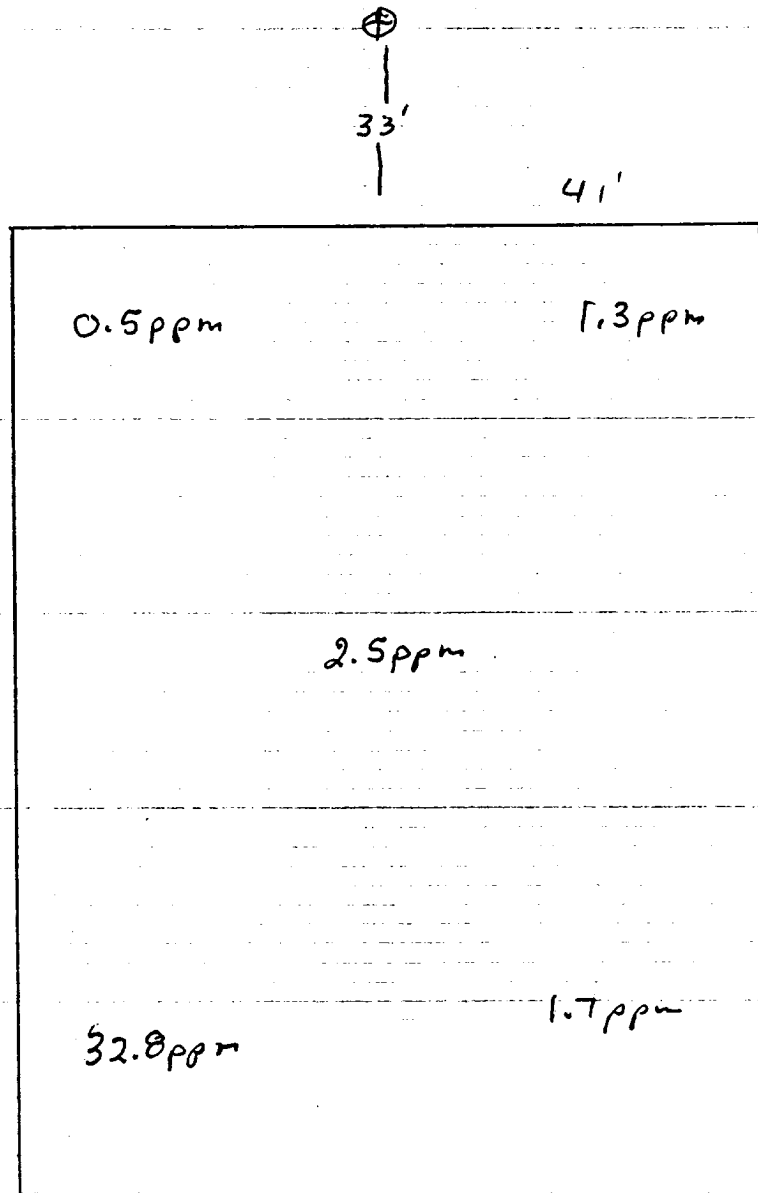
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Taliaferro #3  
Sec-31 T-31N R-12W 41-A  
ENERGEN

# Landfarm Drawing

App 278.14 cu yds



2" to 12" Depth  
Headspace 19.2 ppm  
Sample # 9907140830

Not to Scale

OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 30-Jul-99

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**CLIENT:** PNM - Public Service Company of NM  
**Project:** Talaferro 3, 4 & 7 and Grenier 19 LF  
**Lab Order:** 9907037

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**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: 30-Jul-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Taliaferro #3 LF
<b>Work Order:</b>	9907037	<b>Client Sample ID:</b>	9907140830; 5pt Comp
<b>Lab ID:</b>	9907037-01A	<b>Matrix:</b>	SOIL
<b>Project:</b>	Taliaferro 3, 4 & 7 and Grenier 19 LF	<b>Collection Date:</b>	7/14/99 8:30:00 AM
		<b>COC Record:</b>	7737

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/28/99

**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

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