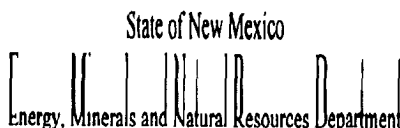


District I  
Box 1000, Hobbs, NM

District II  
Box 50, Artesia, NM 88221

District III  
300 Rio Brazos Rd, Aztec, NM 87410



OK

SUBMIT 1 COPY TO  
APPROPRIATE

DISTRICT OFFICE  
AND 1 COPY TO  
SANTA FE OFFICE

OIL CONSERVATION DIVISION

2040 South Pacheco Street  
Santa Fe, New Mexico 87505

**PIT REMEDIATION AND CLOSURE REPORT**

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

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Summit #6E

Location: Unit F Sec 33 T 29 N R 11 W County San Juan

Pit Type: Separator ☒ Dehydrator ☐ Other \_\_\_\_\_

Land Type: BLM ☒ State ☐ Fee ☐ Other \_\_\_\_\_

Pit Location: Pit dimensions: length 20 ' width 20 ' depth 3 '

(Attach diagram) Reference: wellhead ☒ other \_\_\_\_\_

Footage from reference: 105'

Direction from reference: 80 Degrees ☐ East ☒ North ☒ of ☒ West ☐ South ☐

Depth to Ground Water:

Less than 50 feet	(20 points)	
50 feet to 99 feet	(10 points)	
Greater than 100 feet	( 0 points)	<u>0</u>

(Vertical distance from contaminants to seasonal high water elevation of ground water)

Wellhead Protection Area:

Yes	(20 points)	
No	( 0 points)	<u>0</u>

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

Distance to Surface Water:

Less than 200 feet	(20 points)	
200 feet to 1,000 feet	(10 points)	
Greater than 1,000 feet	( 0 points)	<u>0</u>

(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS): 0

RECEIVED  
JAN 31 2000  
OIL CON. DIV.  
P. 123

Date Remediation Started:

06/23/1999

Date Completed:

06/23/1999

## Remediation Method:

Excavation

☒

Approx. Cubic Yard

267

(Check all appropriate sections)

Landfarmed

☒

Amount Landfarmed (cubic yds)

247

Other

20 cu yds clean overburden.

## Remediation Location:

Onsite

☒

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 20' X 19' X 19' 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

19'

Sample date

06/23/1999

Sample time

9:37:00 AM

## Sample Results

Benzene (ppm)

Total BTEX (ppm)

Field headspace (ppm) 98.2

TPH (ppm)

&lt; 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*

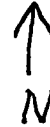
PRINTED NAME Maureen Gannon  
AND TITLE Project Manager

Summit #6E

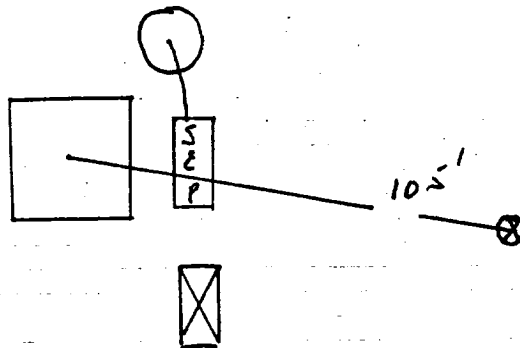
6-23-99

Burlington

Sec. 33, 29N, 11W, F



Site diagram:



End of excavation:

20'x19'x19'

Summit 6E

North Wall,  
Sample 17'  
40.8 ppm pid

West Wall  
Sample 17'  
3.1 ppm pid

Bottom  
Sample 19'  
98.2 ppm H.S.

East Wall  
Sample 17'  
31.7 ppm pid

South Wall  
Sample 17'  
52.3 ppm pid

Field Headspace: 98.2

OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 13-Jul-99

**CLIENT:** PNM - Public Service Company of NM

**Project:** Summit 6E & 6E Drip

**Lab Order:** 9906067

## **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.

RD

OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 13-Jul-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b> Summit 6E
<b>Work Order:</b>	9906067	<b>Client Sample ID:</b> 9906230937; 5pt Comp Bottom
<b>Lab ID:</b>	9906067-01A <b>Matrix:</b> SOIL	<b>Collection Date:</b> 6/23/99 9:37:00 AM
<b>Project:</b>	Summit 6E & 6E Drip	<b>COC Record:</b> 7486

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	7/6/99

**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

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 13-Jul-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Summit 6E
<b>Work Order:</b>	9906067	<b>Client Sample ID:</b>	990623; 4pt Comp Walls
<b>Lab ID:</b>	9906067-02A	<b>Matrix:</b>	SOIL
<b>Project:</b>	Summit 6E & 6E Drip	<b>Collection Date:</b>	6/23/99
		<b>COC Record:</b>	7486

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	7/6/99

**Qualifiers:**

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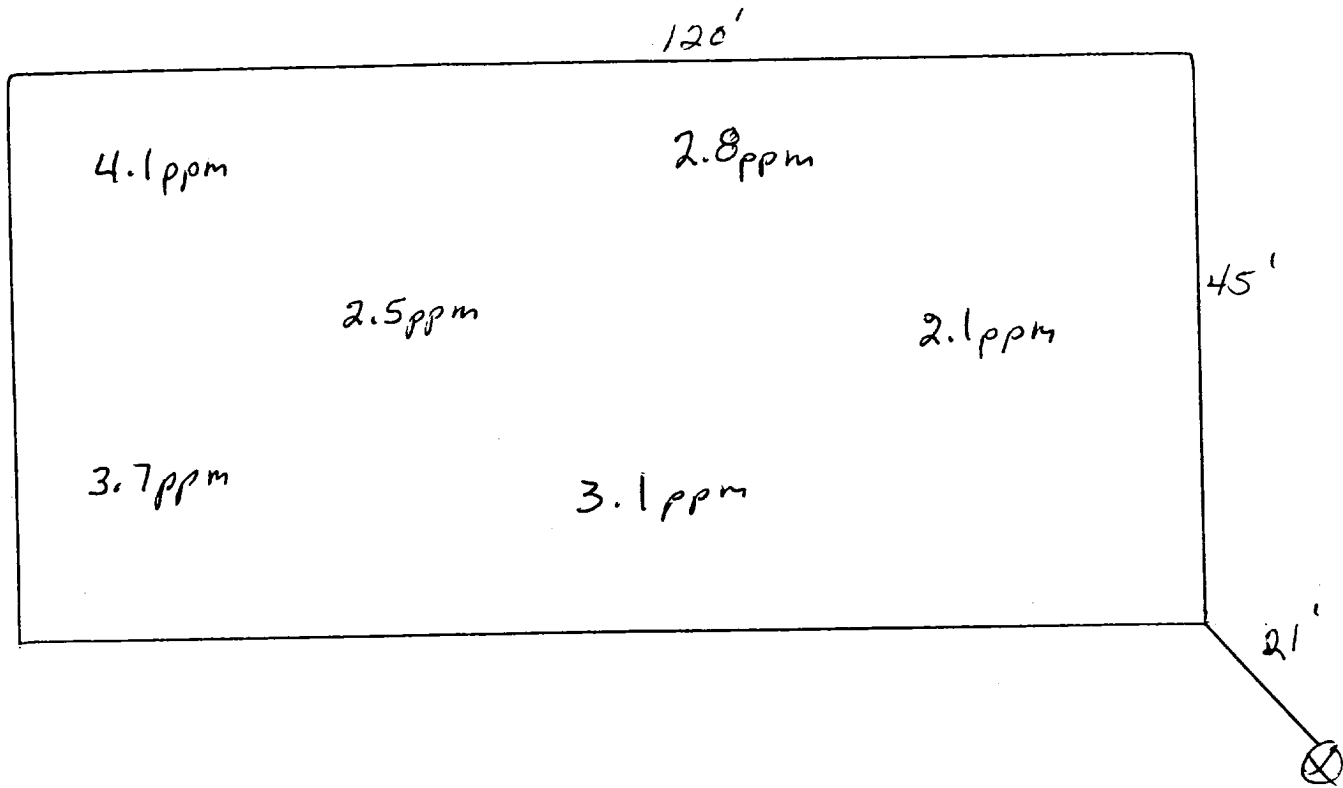
Surr: - Surrogate

1 of 1

Summit 6E  
Sec. 33 T29N R11W Unit F  
Burlington

# Land Form Drawing

App 247 cu yds



Not to scale

2" to 12" Depth  
1 headspace 10.7 ppm  
Sample # 9907281307

OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 11-Aug-99

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**CLIENT:** PNM - Public Service Company of NM  
**Project:** PNM Pit Remediation Landfarms  
**Lab Order:** 9907064

---

**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: 11-Aug-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Summit 6E LF
<b>Work Order:</b>	9907064	<b>Client Sample ID:</b>	9907281307; 5pt. Composite
<b>Lab ID:</b>	9907064-02A	<b>Matrix:</b>	SOIL
<b>Project:</b>	PNM Pit Remediation Landfarms	<b>Collection Date:</b>	07/28/1999 1:07:00 PM
		<b>COC Record:</b>	7740

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	08/03/1999

**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

1 of 1

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