

District I  
P.O. Box 1910  
District II  
P.O. Drawer 60, 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

RECEIVED  
JUL 30 1999

OIL CON. DIV.  
DIST. 3

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: Culpepper Martin #3

Location: Unit N Sec 33 T 32 N R 12 W County San Juan

Pit Type: Separator ☐ Dehydrator ☒ Other

Land Type: BLM ☐ State ☐ Fee ☒ Other

Pit Location: Pit dimensions: length 20 ' width 20 ' depth 2 '

(Attach diagram) Reference: wellhead ☒ other

Footage from reference: 63'

Direction from reference: Due 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) 0

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

Wellhead Protection Area: Yes (20 points)  
No (0 points) 0

(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) 10

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

RANKING SCORE (TOTAL POINTS): 10

Culpepper Martin #3

Date Remediation Started: 05/06/1999

Date Completed: 05/06/1999

Remediation Method: Excavation ☒

Approx. Cubic Yard 152

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 120

Other 32 cu yds 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 19' X 18' X 12' 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 12'

Sample date 05/06/1999

Sample time 4:00:00 PM

Sample Results

Benzene (ppm)

Total BTEX (ppm)

Field headspace (ppm) 1.5

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 July 27, 1999

SIGNATURE

*Maureen Gannon*

PRINTED NAME Maureen Gannon  
AND TITLE Project Manager

Calpapper Mine S  
Sec. 33 T32N R12W Unit N  
Barlington

# Excavation Drawing

19' x 18' x 12'

North wall sample  
11' - 0.0pp-

West wall sample  
11' 0.0pp-

Spt. Composite  
on the bottom  
1.5ppm Hard Spores  
at 12'

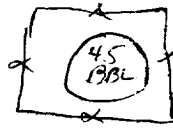
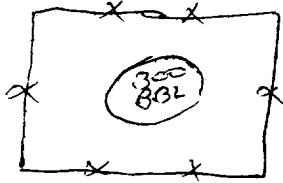
East wall sample  
11' 1.8pp-

South wall  
sample  
11' 0.0pp-

Wall H.S. 0.0pp-

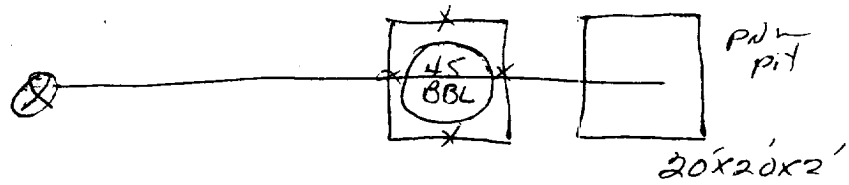
Culpepper Mountain S  
Sec 33 T32N R12W Unit N  
Burlington

# Site Drawing



Sep

DH



OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 18-May-99

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**CLIENT:** PNM - Public Service Company of NM  
**Project:** Culpepper Martin #11, #3A and #3  
**Lab Order:** 9905034

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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: 18-May-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Culpepper Martin #3
<b>Work Order:</b>	9905034	<b>Client Sample ID:</b>	9905061600; 5pt. Bottom Comp
<b>Lab ID:</b>	9905034-06A	<b>Matrix:</b>	SOIL
<b>Project:</b>	Culpepper Martin #11, #3A and #3	<b>Collection Date:</b>	5/6/99 4:00:00 PM
		<b>COC Record:</b>	7478

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	5/12/99

**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

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OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 18-May-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Culpepper Martin #3
<b>Work Order:</b>	9905034	<b>Client Sample ID:</b>	9905061555; 4pt. Wall Comp
<b>Lab ID:</b>	9905034-05A	<b>Matrix:</b>	SOIL
<b>Project:</b>	Culpepper Martin #11, #3A and #3	<b>Collection Date:</b>	5/6/99 3:55:00 PM
		<b>COC Record:</b>	7478

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	5/12/99

<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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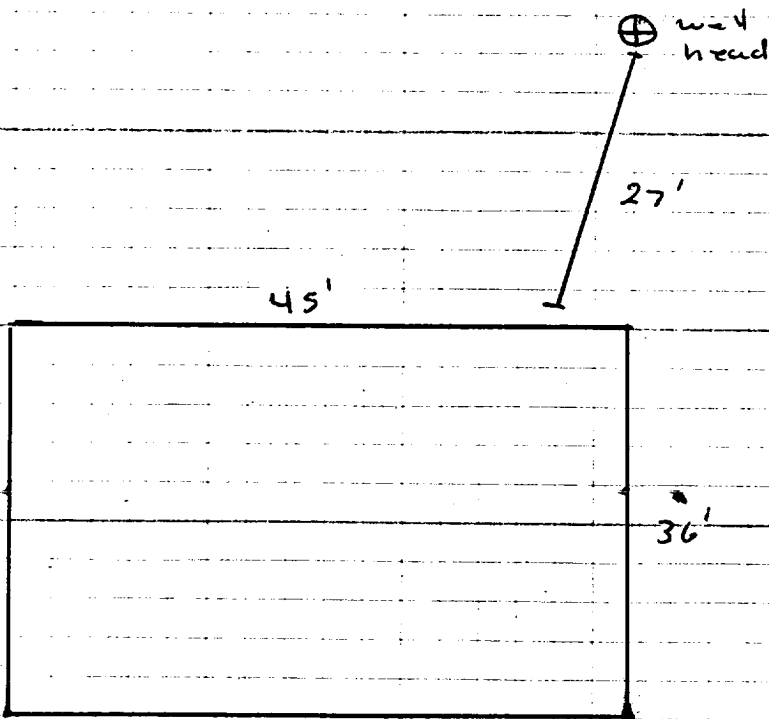
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Culpepper Martin #3  
Sec-33 T-32N R-12W 46N  
Burlington

LANDFARM DRAWING

App. 120 cu yds



2" to 12" Depth  
Headspace Reading 3.4 ppm  
Sample 9906241151

Not to Scale



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LAB: (505) 325-1556

**On Site Technologies, LTD.**

**Date:** 13-Jul-99

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**CLIENT:** PNM - Public Service Company of NM  
**Project:** Culpepper Martin 4, 3A, 3ARB & 3 LF  
**Lab Order:** 9906074

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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.

RB

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>	Culpepper Martin 3 LF
<b>Work Order:</b>	9906074	<b>Client Sample ID:</b>	9906241151; 5pt Comp
<b>Lab ID:</b>	9906074-04A	<b>Matrix:</b>	SOIL
<b>Project:</b>	Culpepper Martin 4, 3A, 3ARB & 3 LF	<b>Collection Date:</b>	6/24/99 11:51:00 AM
		<b>COC Record:</b>	7722

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	ND	25		mg/Kg	1	7/7/99

**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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