

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

District II
P.O. Box 1980, Hobbs, NM 88240

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

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

Denny E. Foust
DEPUTY OIL & GAS INSPECTOR

SEP 03 1999

PIT REMEDIATION AND CLOSURE REPORT

RECEIVED
JUL 13 0 1999

OIL CONFIDENTIAL
DISTRICT 3

Approved

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

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Culpepper Martin #5A

Location: Unit F Sec 22 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 3 '

(Attach diagram) Reference: wellhead ☒ other _____

Footage from reference: 90 '

Direction from reference: 50 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) 0

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

RANKING SCORE (TOTAL POINTS): 0

Culpepper Martin #5A

Date Remediation Started: 05/03/1999

Date Completed: 05/03/1999

Remediation Method:

Excavation ☒

Approx. Cubic Yard 480

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 380

Other 100 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 24' X 27' 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

3 pt. composite - bottom.

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

Sample depth

21'

Sample date

05/03/1999

Sample time

12:15:00 PM

Sample Results

Benzene (ppm) < 0.002

Total BTEX (ppm) 0.051

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 July 27, 1999

SIGNATURE

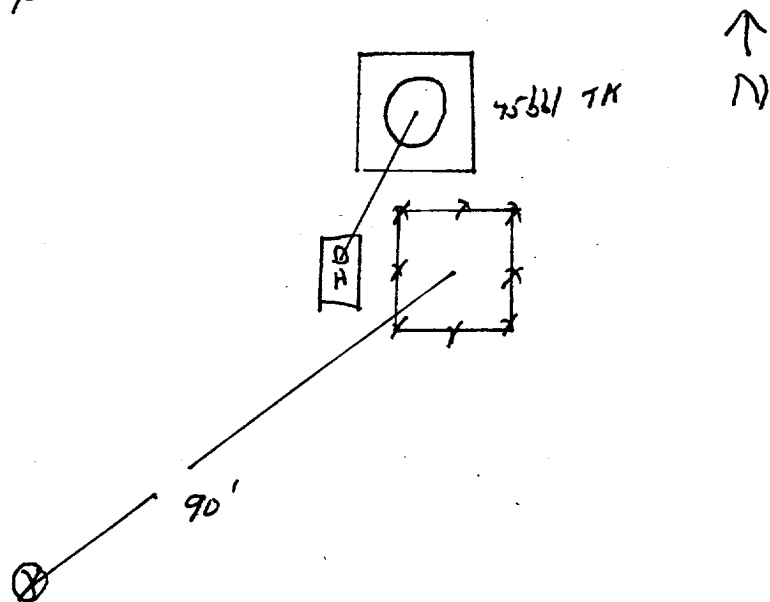
Maureen Gannon

PRINTED NAME Maureen Gannon
AND TITLE Project Manager

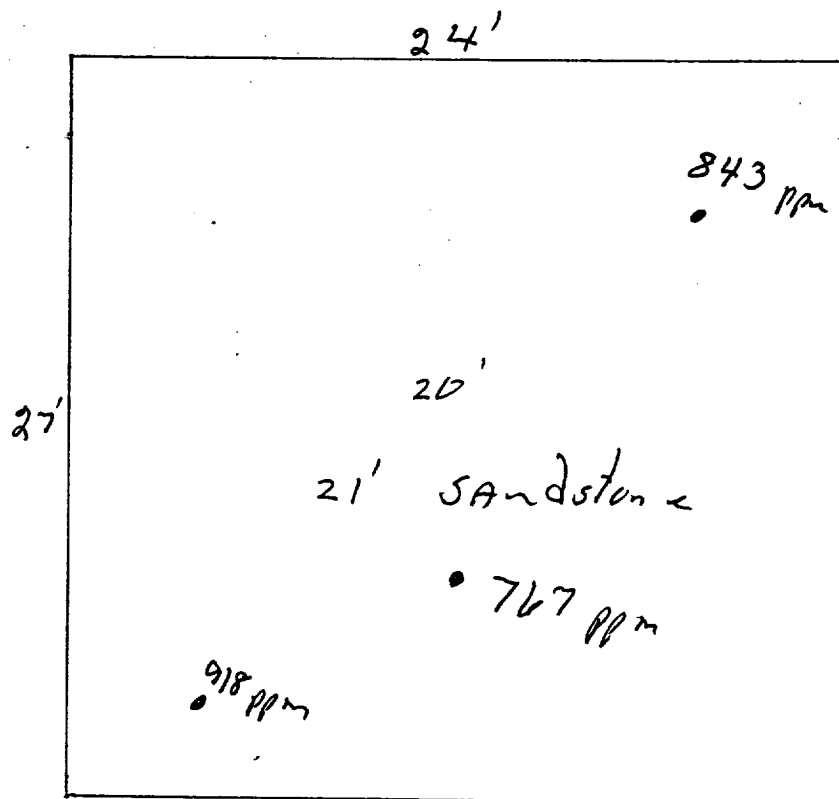
Culpepper Martin # 5A
Burlington
Sec. 22, 32N, 12W, F

5/3/99

Site diagram:



End of excavation:



not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 14-May-99

CLIENT: PNM - Public Service Company of NM

Project: Culpepper Martin #5A

Lab Order: 9905005

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.

6C

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 14-May-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Culpepper Martin #5A
Work Order:	9905005	Client Sample ID:	9905031215; Bottom @ 21ft.
Lab ID:	9905005-01A	Matrix:	SOIL
Project:	Culpepper Martin #5A	Collection Date:	5/3/99 12:15:00 PM
		COC Record:	7586

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS						
		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	5/13/99
AROMATIC VOLATILES BY GC/PID						
		SW8021B				Analyst: DC
Benzene	ND	2		µg/Kg	2	5/11/99
Toluene	ND	4		µg/Kg	2	5/11/99
Ethylbenzene	4.4	2		µg/Kg	2	5/11/99
m,p-Xylene	40	4		µg/Kg	2	5/11/99
o-Xylene	6.1	2		µg/Kg	2	5/11/99

50.5
0.0505 ppm

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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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 14-May-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Culpepper Martin #5A
Work Order:	9905005	Client Sample ID:	9905031220; Walls @ 15ft.
Lab ID:	9905005-02A	Matrix:	SOIL
Project:	Culpepper Martin #5A	Collection Date:	5/3/99 12:20:00 PM
		COC Record:	7586

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	5/7/99

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

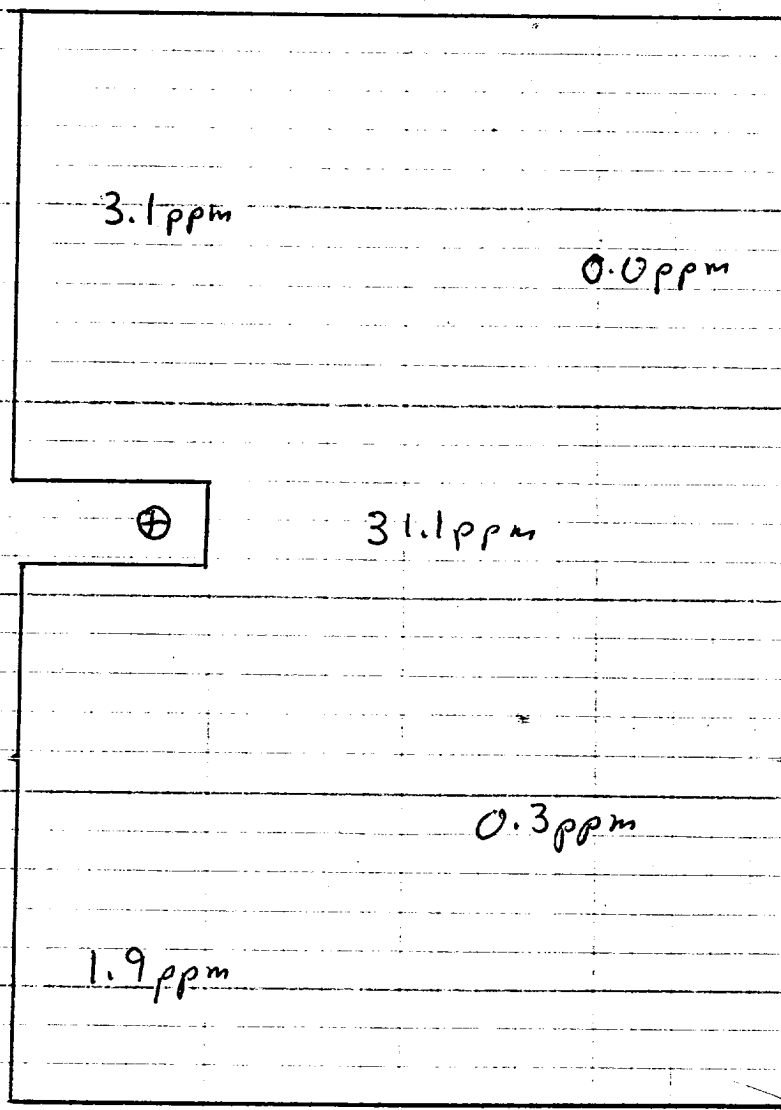
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- TECHNICAL STAFF ONLY - NOT TO BE RELEASED TO THE PUBLIC -

Cal pepper Martin 3H
Sec-22 T-32N R-12W UL-F
Burlington

LANDFARM DRAWING

App 380 cu yds



2" to 12" Depth

Headspace Reading 42.2 ppm
Sample # 9906020923

Not to Scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 14-Jun-99

CLIENT: PNM - Public Service Company of NM

Project: PNM Pit Remediation Landfarms

Lab Order: 9906005

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



RB

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 14-Jun-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Culpepper Martin #5A LF
Work Order:	9906005	Client Sample ID:	9906020923; 5pt. Comp
Lab ID:	9906005-04A	Matrix:	SOIL
Project:	PNM Pit Remediation Landfarms	Collection Date:	6/2/99 9:23:00 AM
		COC Record:	7713

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	6/4/99

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

1 of 1

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