

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

Denny S. Foust
DEPUTY OIL & GAS INSPECTOR

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

RECEIVED
JUL 30 1999

OIL CON. DIV.
DIST. 2

SEP 03 1999

PIT REMEDIATION AND CLOSURE REPORT

Approved

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

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Culpepper Martin #14A

Location: Unit P Sec 32 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: 95 '

Direction from reference: 90 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>0</u>

RANKING SCORE (TOTAL POINTS): 0

Culpepper Martin #14A

Date Remediation Started: 05/10/1999

Date Completed: 05/10/1999

Remediation Method:

Excavation ☒

Approx. Cubic Yard 280

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 280

Other

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 21' X 18' 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 05/10/1999

Sample time 10:10:00 AM

Sample Results

Benzene (ppm) < 0.100

Total BTEX (ppm) 3.090

Field headspace (ppm)

TPH (ppm) 280.00

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

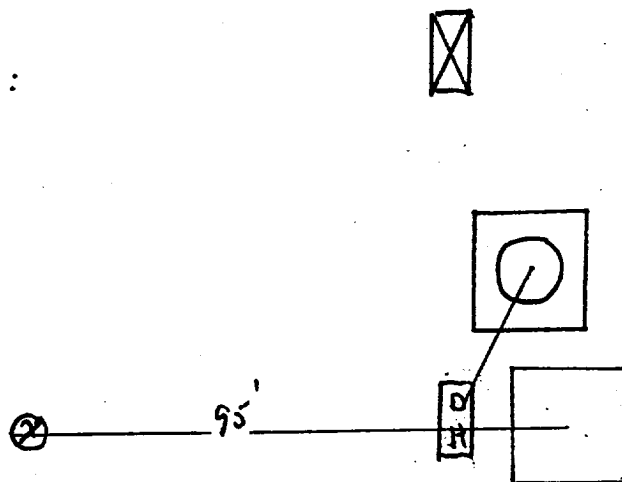
PRINTED NAME Maureen Gannon
AND TITLE Project Manager

Culpepper Martin #14A
Burlington
Sec. 32, 32N, 12W, P

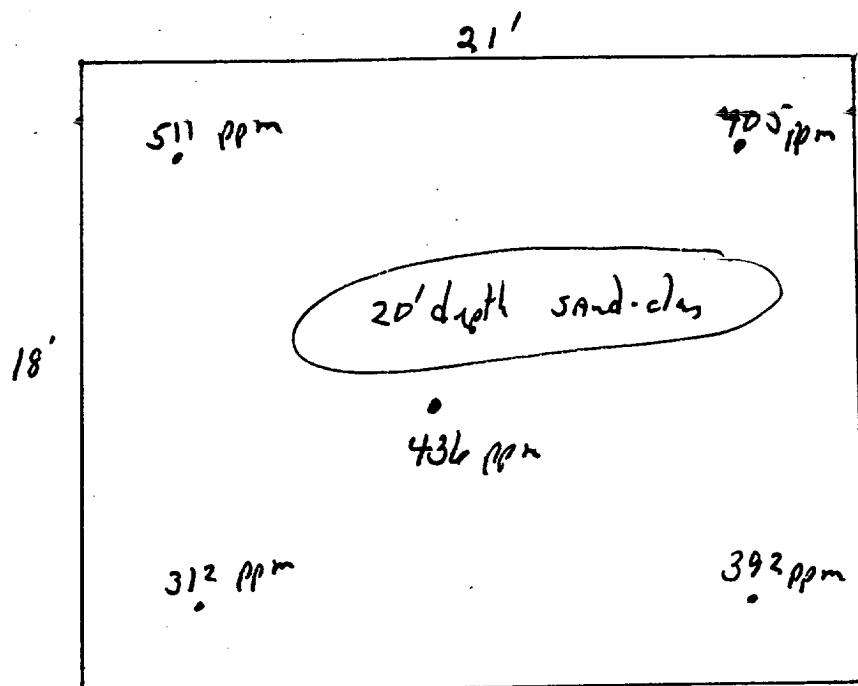
5/10/99

↑
N

Site diagram:



End of excavation:



not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 20-May-99

CLIENT: PNM - Public Service Company of NM
Project: Culpepper Martin #14A
Lab Order: 9905042

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.

6884

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 20-May-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Culpepper Martin #14A
Work Order:	9905042	Client Sample ID:	9905101010; Bottom @ 20ft.
Lab ID:	9905042-01A	Matrix:	SOIL
Project:	Culpepper Martin #14A	Collection Date:	5/10/99 10:10:00 AM
		COC Record:	7594

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	280	25		mg/Kg	1	5/19/99
AROMATIC VOLATILES BY GC/PID		SW8021B				Analyst: DM
Benzene	ND	100		µg/Kg	100	5/12/99
Toluene	ND	200		µg/Kg	100	5/12/99
Ethylbenzene	390	100		µg/Kg	100	5/12/99
m,p-Xylene	2300	200		µg/Kg	100	5/12/99
o-Xylene	400	100		µg/Kg	100	5/12/99

3090
3.090 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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OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 20-May-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Culpepper Martin #14A
Work Order:	9905042	Client Sample ID:	9905101015; Walls @ 15ft.
Lab ID:	9905042-02A	Matrix:	SOIL
Project:	Culpepper Martin #14A	Collection Date:	5/10/99 10:15:00 AM
		COC Record:	7594

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	57	25		mg/Kg	1	5/19/99
AROMATIC VOLATILES BY GC/PID		SW8021B				Analyst: DM
Benzene	ND	1		µg/Kg	1	5/12/99
Toluene	ND	2		µg/Kg	1	5/12/99
Ethylbenzene	2	1		µg/Kg	1	5/12/99
m,p-Xylene	24	2		µg/Kg	1	5/12/99
o-Xylene	14	1		µg/Kg	1	5/12/99

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

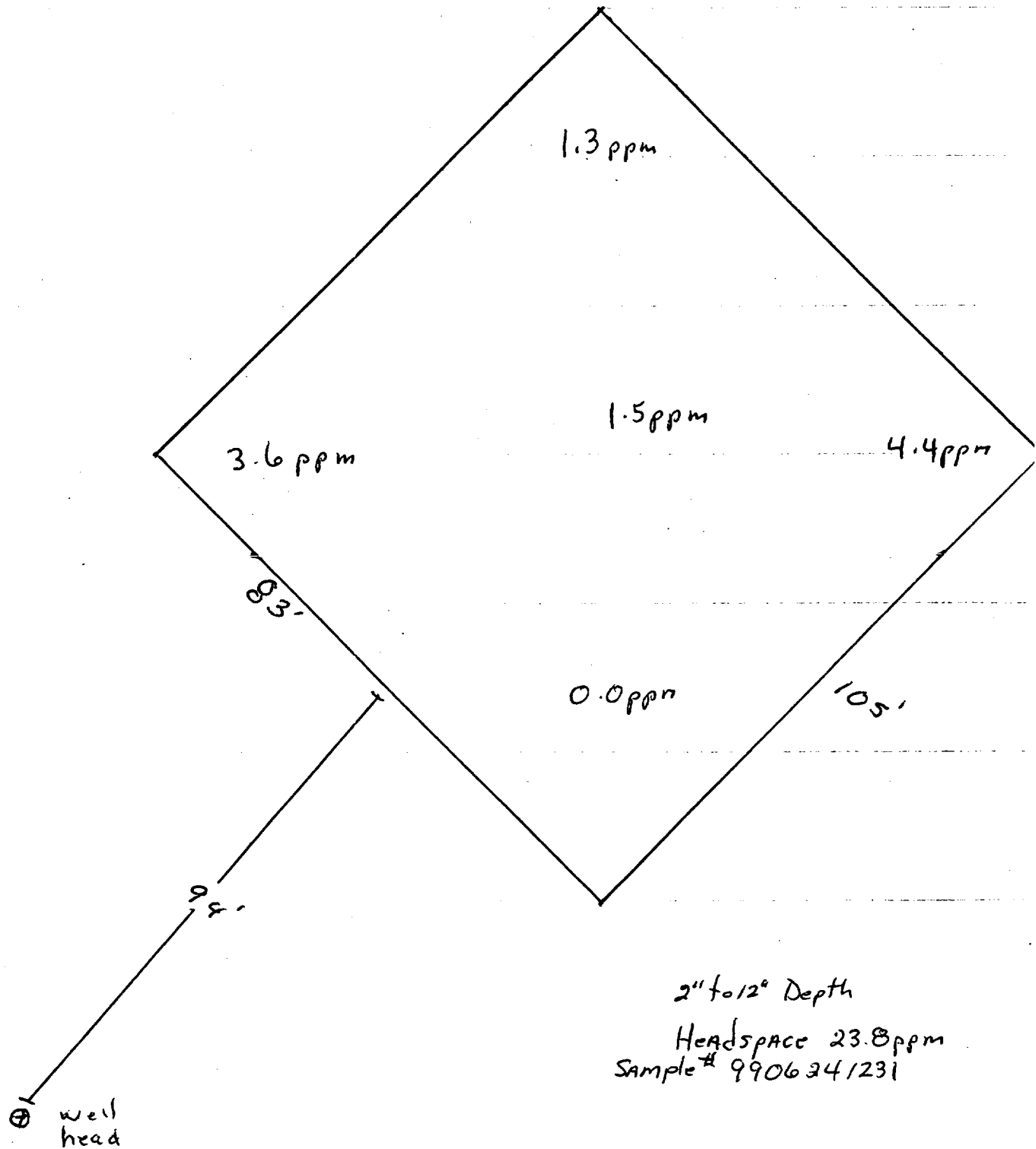
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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

Culpepper Martin 14A
Sec-32 T-32N R-12W UL-P
Burlington

Landfarm Drawing

App 280 cu yds



OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 13-Jul-99

CLIENT: PNM - Public Service Company of NM
Project: Culpepper Martin 17 & 14A LF
Lab Order: 9906075

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

Client:	PNM - Public Service Company of NM	Client Sample Info:	Culpepper Martin 14A LF
Work Order:	9906075	Client Sample ID:	9906241231; 5pt Comp
Lab ID:	9906075-02A	Matrix:	SOIL
Project:	Culpepper Martin 17 & 14A LF	Collection Date:	6/24/99 12:31:00 PM
		COC Record:	7721

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/8/99

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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