DISTRICT 1980, Hobbs, NM & FAULT DISTRICT III

1000 Rio Brazos Rd Azlec (13871199)

W. Care

State of New Mexico
Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

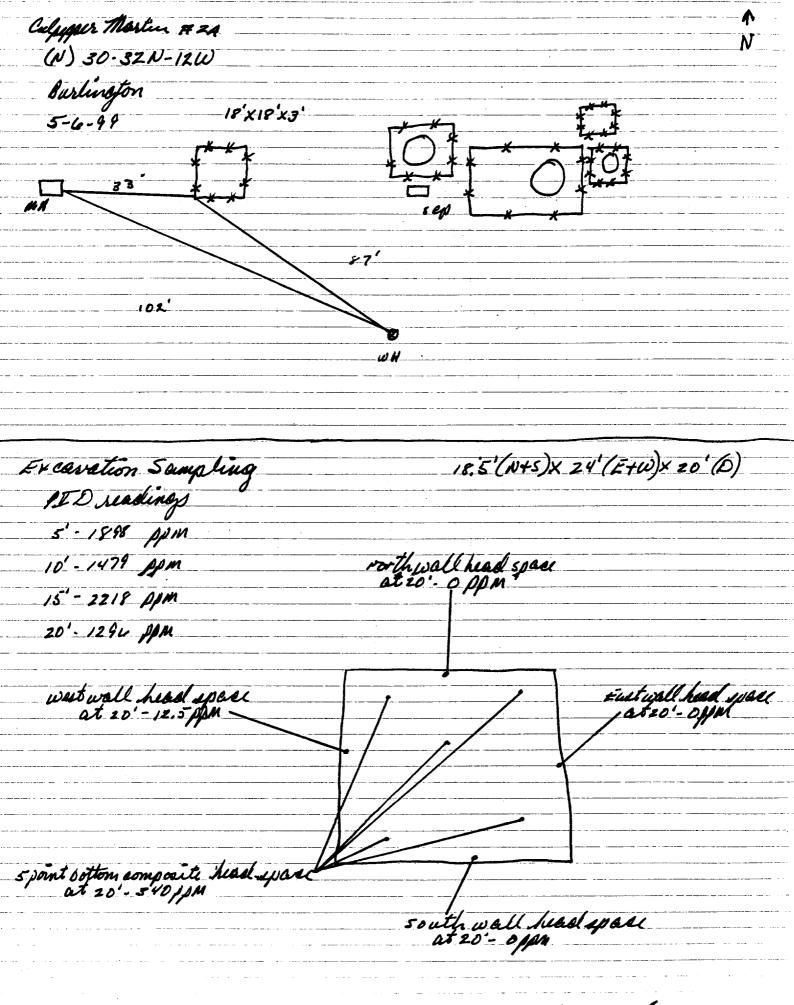
2040 South Pacheco Street Santa Fe, New Mexico 87505

DECEIVED N JUL 3 0 1999

<u>PIT REMEDIATION AND CLOSURE REPORT</u>

OIL COM. DIN
Operator: PNM Gas Services (Burlington) Telephone: 324-3764
Address: 603 W. Elm Street Farmington, NM 87401
Facility or Well Name: Culpepper Martin #2A
Location: Unit N Sec 30 T 32N R 12W County San Juan
Pit Type: Separator 🗹 Dehydrator 🔽 Other
Land Type: BLM State Fee Other
Pit Location: Pit dimensions: length 18 width 18 depth 3
(Attach diagram) Reference: wellhead 🔽 other
Footage from reference: 87'
Direction from reference: 45 Degrees East North
of <u>₩</u> West South
Depth to Ground Water: Less than 50 feet (20 points) 50 feet to 99 feet (10 points)
(Vertical distance from contaminants to Greater than 100 feet (0 points) 0 seasonal high water elevation of ground water
Wellhead Protection Area: Yes (20 points)
(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)
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches RANKING SCORE (TOTAL POINTS):

Date Completed: 05/06/1999 Date Completed: 05/06/1999	Culpepper Martin #2A									
Check all appropriate sections Check all appropriate sections	Date Remediation Started:	05/06	6/1999	Date Completed: 05/00	6/1999					
Sample date Sample Results Benzene (ppm) Sample Results Benzene (ppm) Sample Results Benzene (ppm) The	Remediation Method:	Excavation	X	Approx. Cubic Yard	329					
Cother 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 18.5 × 24' × 20' and landfarmed soil onsite within a bermed area at a depth of 6' to 12''. Soil was aerated by disking/folowing until soil met regulatory levels. Ground Water Encountered: No V Yes Depth Final Pit Closure Sample Location Sample Location Sample result and diagram of sample locations and depths.) Sample depth 20' Sample date 05/06/1999 Sample time 1:05:00 PM Sample Results Benzene (ppm) < 0.025 Total BTEX (ppm) 1.224 Field headspace (ppm) TPH (ppm) < 25.00 Method 8015B Vertical Extent (ft) Risk Analysis form attached Yes No V Ground Water Sample: Yes No V Summary Report)	appropriate	Landfarmed	х	Amount Landfarmed (cubic yds)	329					
(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 18.5' × 24' × 20' and landfarmed soil onsite within a bermed area at a depth of 6' to 12''. Soil was aerated by diskindrolowing until soil met regulatory levels. Ground Water Encountered: No Yes Depth Final Pit Closure Sample Sample Location Sample samples, attach samples result and diagram of sample locations and depths.) Sample dete O5/06/1999 Sample time 1.05:00 PM Sample Results Benzene (ppm) < 0.025 Total BTEX (ppm) 1.224 Field headspace (ppm) TPH (ppm) < 25.00 Method 8015B Vertical Extent (ft) Risk Analysis form attached Yes No Ground Water Sample: Yes No Ground Water Sample: Yes Summary Report)										
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Ground Water Encountered: No Yes Depth Final Pit Closure Sample Location 5 pt. composite - bottom. Sample depth 20' Sample date 05/06/1999 Sample time 1:05:00 PM Sample Results Benzene (ppm) < 0.025 Total BTEX (ppm) 1.224 Field headspace (ppm) TPH (ppm) < 25.00 Method 8015B Vertical Extent (ft) Risk Analysis form attached Yes No Yes Summary Report)	Excavated contaminated soil	to a pit size of	18.5' X 24' X 20' and land	farmed soil onsite within a bermed ar	ea at a depth of 6"					
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Vertical Extent (ft) Risk Analysis form attached Yes No (If yes, see attached Groundwater Site Summary Report)		Field h	neadspace (ppm)							
Ground Water Sample: Yes No (If yes, see attached Groundwater Site Summary Report)		TPH (ppm)	< 25.00	Method 8015B						
Summary Report)	Vertical Extent (ft)		Risk A	analysis form attached Yes	No 🔽					
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY	Ground Water Sample:	Yes	No 🔽		vater Site					
KNOWLEDGE AND MY BELIEF			MATION ABOVE IS TR	UE AND COMPLETE TO THE BES	ST OF MY					
DATE July 27, 1999 PRINTED NAME Maureen Gannon AND TITLE Project Manager	• ′ 、	Marita.	A 0.4							



not to scale



LAB: (505) 325-1556

Date: 18-May-99

On Site Technologies, LTD.

CLIENT:

PNM - Public Service Company of NM

Project:

Culpepper Martin #4 and #2A

Lab Order:

9905033

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.





LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 18-May-99

Client:

PNM - Public Service Company of NM

Work Order:

9905033

Lab ID: 9905033-03A

Matrix: SOIL

Project:

Culpepper Martin #4 and #2A

Client Sample Info: Culpepper Martin #2A

Client Sample ID: 9905061305; 5pt. Bottom Comp

Collection Date: 5/6/99 1:05:00 PM

COC Record: 7189

Parameter	Result	PQL	Qual Units	DF	Date Analyzed
DIESEL RANGE ORGANICS	SV	V8015B			Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25	mg/Kg	1	5/18/99
AROMATIC VOLATILES BY GC/PID	SV	V8021B			Analyst: DM
Benzene	ND	25	μg/Kg	25	5/13/99
Toluene	160	50	μg/Kg	25	5/13/99
Ethylbenzene	74	25	μg/Kg	25	5/13/99
m,p-Xylene	800	50	μg/Kg	25	5/13/99
o-Xylene	190	25	μg/Kg	25	5/13/99
	1224				
	1.224	PPM	`		

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



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 18-May-99

Client:

PNM - Public Service Company of NM

Work Order:

9905033

Lab ID: 9

9905033-04A

Matrix: SOIL

Project:

Culpepper Martin #4 and #2A

Client Sample Info: Culpepper Martin #2A

Client Sample ID: 9905061310; 4 Wall Comp

Collection Date: 5/6/99 1:10:00 PM

COC Record: 7189

Parameter	Result	PQL	Qual Units		DF	Date Analyzed
DIESEL RANGE ORGANICS	sv	V8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25	mg/Kg	•	1	5/12/99

Qualifiers:

PQL - Practical Quantitation Limit

ND - Not Detected at Practical Quantitation Limit

J - Analyte detected below Practical Quantitation Limit

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank Surr: - Surrogate

E - Value above quantitation range

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LAB: (505) 325-1556

On Site Technologies, LTD.

CLIENT:

PNM - Public Service Company of NM

Project:

Culpepper Martin Landfarms

Lab Order:

9907002

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.



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 19-Jul-99

Client:

PNM - Public Service Company of NM

Work Order:

9907002

9907002-01A

Matrix: SOIL

Lab ID: Project:

Culpepper Martin Landfarms

Client Sample Info: Culpepper Martin #2A LF

Client Sample ID: 9906300925; 5pt. Composite

Collection Date: 6/30/99 9:25:00 AM

COC Record: 7727

Parameter	Result	PQL	Qual Uni	ts	D	F	Date Analyzed
DIESEL RANGE ORGANICS T/R Hydrocarbons: C10-C28	S1 ND	V8015B 25	mg	/Kg	1		Analyst: DC 7/13/99

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