

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

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

PIT REMEDIATION AND CLOSURE REPORT

Operator: <u>PNM Gas Services (Amoco)</u>		Telephone: <u>324-3764</u>										
Address: <u>603 W. Elm Street Farmington, NM 87401</u>												
Facility or Well Name: <u>Cole A #1E</u>												
Location:	Unit <u>L</u>	Sec <u>35</u>	T <u>28 N</u> R <u>10 W</u> County <u>San Juan</u>									
Pit Type:	Separator ☒	Dehydrator ☐	Other ☐									
Land Type:	BLM ☒	State ☐	Fee ☐ Other ☐									
Pit Location: Pit dimensions: length <u>20</u> ' width <u>20</u> ' depth <u>3</u> '												
(Attach diagram)	Reference: wellhead ☒ other ☐											
Footage from reference: <u>95'</u>												
Direction from reference: <u>5</u> Degrees ☒ East ☐ West of North ☒ South ☐												
Depth to Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)												
<table style="width: 100%;"><tr><td>Less than 50 feet</td><td>(20 points)</td><td></td></tr><tr><td>50 feet to 99 feet</td><td>(10 points)</td><td></td></tr><tr><td>Greater than 100 feet</td><td>(0 points)</td><td><u>0</u></td></tr></table>				Less than 50 feet	(20 points)		50 feet to 99 feet	(10 points)		Greater than 100 feet	(0 points)	<u>0</u>
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)												
<table style="width: 100%;"><tr><td>Yes</td><td>(20 points)</td><td></td></tr><tr><td>No</td><td>(0 points)</td><td><u>0</u></td></tr></table>				Yes	(20 points)		No	(0 points)	<u>0</u>			
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)												
<table style="width: 100%;"><tr><td>Less than 200 feet</td><td>(20 points)</td><td></td></tr><tr><td>200 feet to 1,000 feet</td><td>(10 points)</td><td></td></tr><tr><td>Greater than 1,000 feet</td><td>(0 points)</td><td><u>0</u></td></tr></table>				Less than 200 feet	(20 points)		200 feet to 1,000 feet	(10 points)		Greater than 1,000 feet	(0 points)	<u>0</u>
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) :			<u>0</u>									

Cole A #1E

Date Remediation Started: 09/14/1999 Date Completed: 09/14/1999

Remediation Method: Excavation ☒ Approx. Cubic Yard 19
 Landfarmed ☒ Amount Landfarmed (cubic yds) 19
 (Check all appropriate sections) 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 8' X 8' X 8' 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 8'

Sample date 09/14/1999 Sample time 9:15:00 AM

Sample Results

Benzene (ppm) _____

Total BTEX (ppm) _____

Field headspace (ppm) 31.6

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 January 24, 2000

SIGNATURE Maureen Gannon

PRINTED NAME Maureen Gannon
 AND TITLE Project Manager

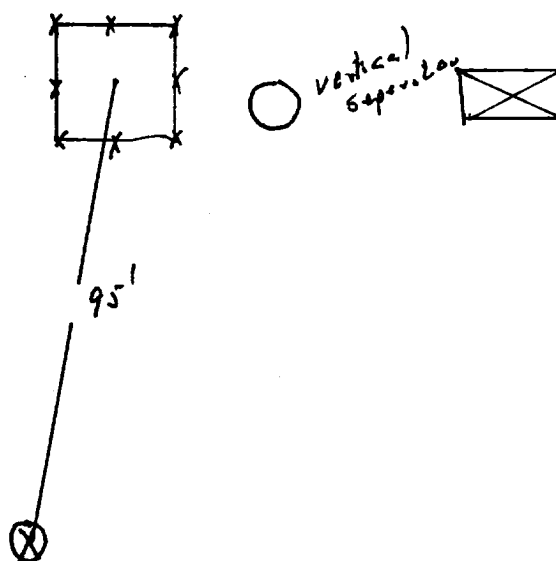
Col. A #1 E

9/14/99

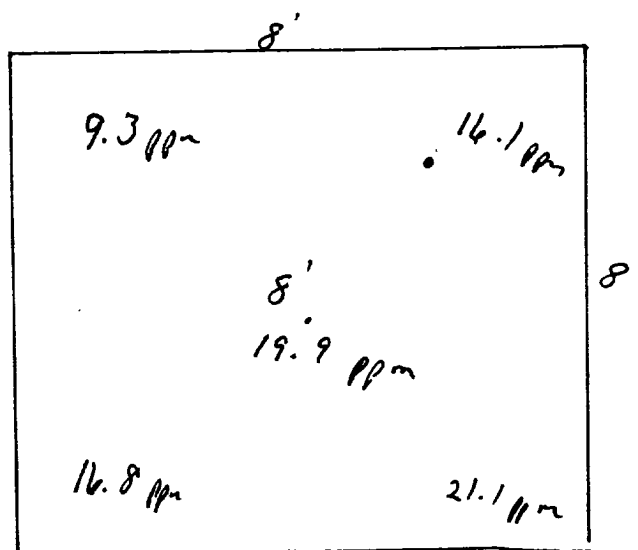
Amoco

Sec. 35, 28N, 10W, L

Site diagram:



End of excavation:



Field Headspace: 0 ppm (walls)
31.6 ppm (bottom)

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 22-Sep-99

CLIENT: PNM - Public Service Company of NM

Project: Cole A #1E

Lab Order: 9909051

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: 22-Sep-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Cole A #1E
Work Order:	9909051	Client Sample ID:	9909140915; Bottom @ 8 ft
Lab ID:	9909051-01A	Matrix:	SOIL
Project:	Cole A #1E	Collection Date:	9/14/99 9:15:00 AM
		COC Record:	7756

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	9/15/99

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

P.O. BOX 2606 • FARMINGTON, NM 87499

- Technology for a Safer and Healthier Environment -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 22-Sep-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Cole A #1E
Work Order:	9909051	Client Sample ID:	9909140918; Walls @ 4 ft.
Lab ID:	9909051-02A	Matrix:	SOIL
Project:	Cole A #1E	Collection Date:	9/14/99 9:18:00 AM
		COC Record:	7756

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	9/15/99

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

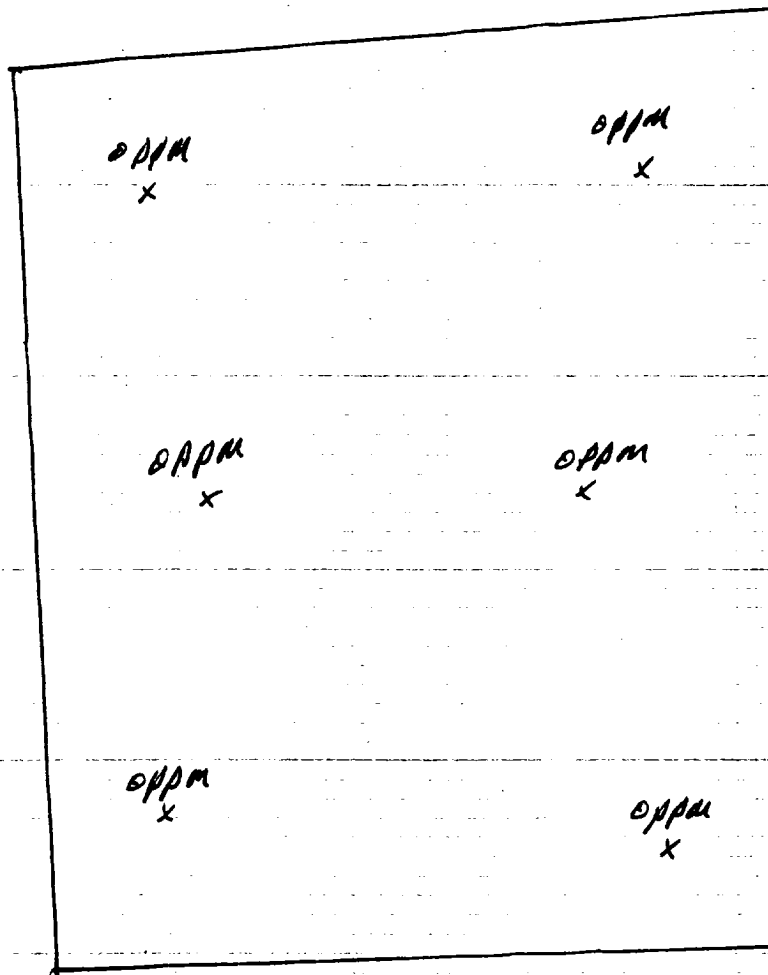
1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

- TRADING AND BLENDING INDUSTRIES WITH THE ENVIRONMENT -

N

Cole A #1E
(L) 35-28N-10W
AMOLD
9-22-99 @ 0845



Field Head space - 4'1 ppm
sample number - 9409220845

not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 29-Sep-99

CLIENT: PNM - Public Service Company of NM
Project: Cole A #1E
Lab Order: 9909069

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: 29-Sep-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Cole A #1E
Work Order:	9909069	Client Sample ID:	9909220845; 6pt LF Comp
Lab ID:	9909069-01A	Matrix:	SOIL
Project:	Cole A #1E	Collection Date:	09/22/1999 8:45:00 AM
		COC Record:	7657

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	09/27/1999

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

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -