

OK

Denny E. Foust
DEPUTY OIL & GAS INSPECTOR

JICARILLA APACHE TRIBE
ENVIRONMENTAL PROTECTION OFFICE
P.O. BOX 507
DULCE, NEW MEXICO 87528

SUBMIT 1 COPY TO
NATURAL
RESOURCE DEPT
AND OIL-GAS
ADMINISTRATION

FEB 08 1999

Approved

PIT REMEDIATION AND CLOSURE REPORT

Operator: PNM Gas Services (Conoco) Telephone: 324-3764
Address: 603 W. Elm Street Farmington, NM 87401
Facility or Well Name: Azi Apache J29
Location: Unit: DA Sec. X7 T. 25N R. 5W County Rio Arriba
Pit Type: Separator X Dehydrator Other
Land Type: Jicarilla Apache

Pit Location: Pit dimensions: length 18' width 18' depth 3'
(Attach diagram) Reference: wellhead X other
Footage from reference: 84'
Direction from reference: 47 Degrees X East of North
 West of South X

Depth to Ground Water: <small>(Vertical distance from contaminants to seasonal high water elevation of ground water)</small>	RECEIVED FEB - 1 1999 OIL CON. DIV. DIST. 3	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: <small>(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)</small>		Yes (20 points) No (0 points)	<u>0</u>
Distance to Surface Water: <small>(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)</small>		Less than 200 feet (20 points) 200 feet to 1,000 feet (10 points) Greater than 1,000 feet (0 points)	<u>0</u>
Distance to Ephemeral Stream (dry wash): <small>(Horizontal distance to all downgradient streams having a width of at least 10 feet)</small>		Less than or equal to 100 feet (10 points) Greater than 100 feet (0 points)	<u>0</u>
Distance to Nearest Lake, Playa, or Watering Pond: <small>(Horizontal distance to all downgradient lakes, playas, and livestock or wildlife water ponds)</small>		Less than or equal to 100 feet (10 points) Greater than 100 feet (0 points)	<u>0</u>
RANKING SCORE (TOTAL POINTS):			<u>0</u>

Date Remediation Started: 7-23-98 Date Completed: 9/3/98

Remediation Method: Excavation X Approx. Cubic Yards 64

(Check all appropriate sections)

Landfarmed X Amount Landfarmed (cubic yds): 64

Other _____

Remediation Location: Onsite X Offsite _____

(i.e., landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action:

Removed contaminated soil from all four sidewalls as to get a below 100ppm lead space remaining. Bottom is rock.
Final excavation dimensions: 18' (LxW) X 16' (E+W) X 6' (D)

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit Closure Sampling:

Sample Location #1 pt. composite sample of North, East, South & West walls, and a 3 point bottom

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

Sample depth 6'

Sample date 7-23-98 Sample time 1350

Sample Results

Soil: Benzene (ppm) N/D Water: Benzene (ppb) _____

Total BTEX (ppm) .0125 Toluene (ppb) _____

Field headspace (ppm) 1436 Ethylbenzene (ppb) _____

TPH N/D ppm Method 8015 Total Xylenes (ppb) _____

Ground Water Sample: Yes _____ No X (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND MY BELIEF

DATE 8-17-98

PRINTED NAME Ray Haston

SIGNATURE Ray Haston

AND TITLE Environmental Technician

AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES X NO _____ (REASON): _____

SIGNED: Kew C Manda DATE: 8-18-98

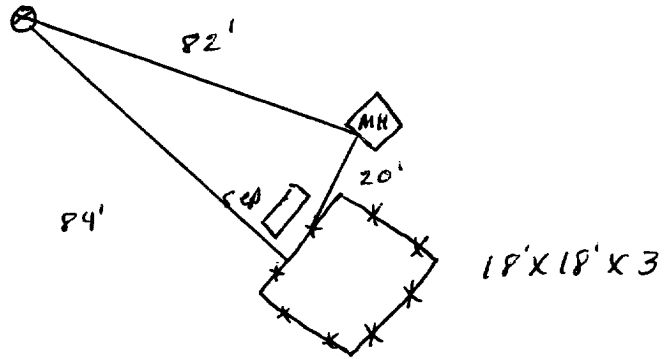
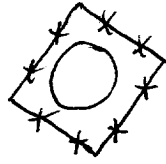
Axi Apache J24

7-23-98

Axi Apache J24 Land farmed on site

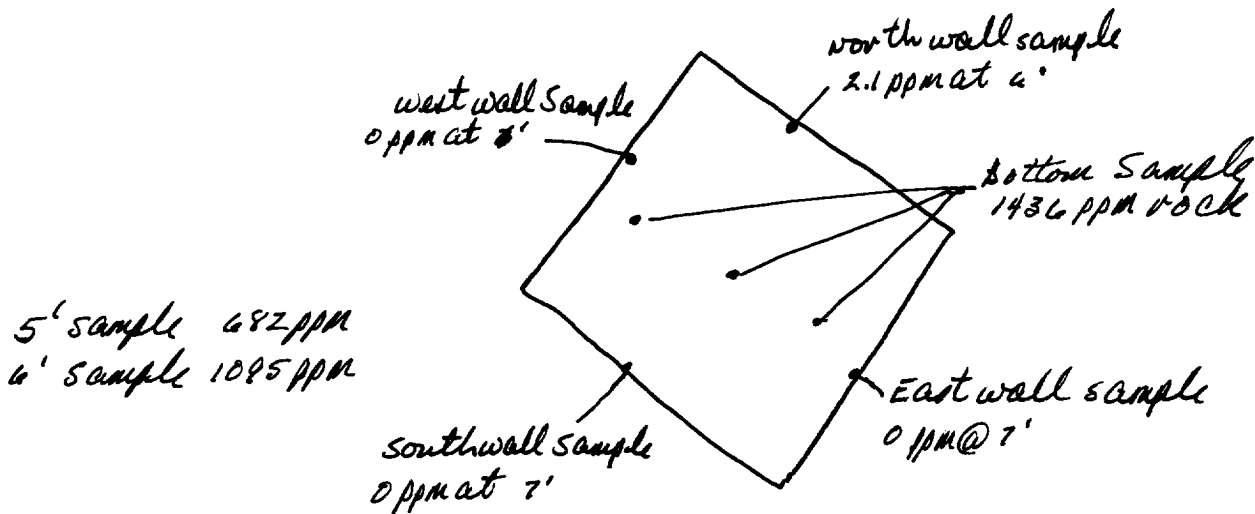
8-25 N-5W Unit D

Conoco



Excavation sampling

18'(N+S) x 16'(E+W) x 6'(D)



not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 04-Aug-98

CLIENT: PNM - Public Service Company of NM
Project: PNM Pit Remediation
Lab Order: 9807070

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: 04-Aug-98

Client: PNM - Public Service Company of NM
 Work Order: 9807070
 Lab ID: 9807070-04A Matrix: SOIL
 Project: PNM Pit Remediation

Client Sample Info: Axi Apache J29

Client Sample ID: 9807231350; J29 Bottom *Report completed*

Collection Date: 7/23/98 1:50:00 PM

COC Record: 5245

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/28/98
BTEX		SW8020A				Analyst: DC
Benzene	ND	2		µg/Kg	2	7/27/98
Toluene	ND	4		µg/Kg	2	7/27/98
Ethylbenzene	ND	2		µg/Kg	2	7/27/98
m,p-Xylene	4.6	4		µg/Kg	2	7/27/98
o-Xylene	7.9	2		µg/Kg	2	7/27/98

.0125

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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OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 04-Aug-98

Client: PNM - Public Service Company of NM
Work Order: 9807070
Lab ID: 9807070-03A **Matrix:** SOIL
Project: PNM Pit Remediation

Client Sample Info: Axi Apache J29
Client Sample ID: 9807231340; J29 Walls *(wall composite)*
Collection Date: 7/23/98 1:40:00 PM
COC Record: 5245

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/28/98

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
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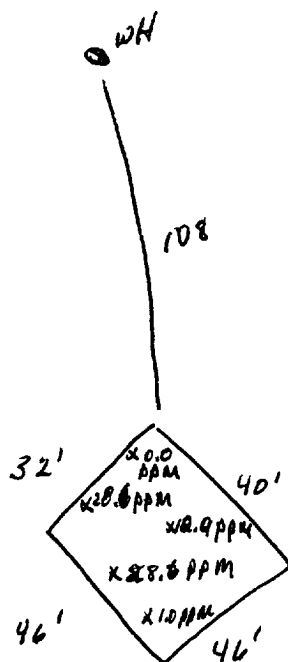
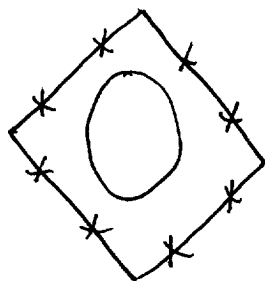
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NATURAL
RESOURCE DEPT
AND OIL-GAS
ADMINISTRATION

Operator: PNM Gas Services (<u>CONOCO</u>)		Telephone: <u>324-3764</u>	
Address: <u>603 W. Elm Street Farmington, NM 87401</u>			
Facility or Well Name: <u>Aki Apache J29</u>			
Location:	Unit: <u>D</u>	Sec. <u>8</u>	T. <u>25</u> N R. <u>5</u> W County <u>Rio Arriba</u>
Land Type: <u>Jicarilla Apache</u>			
Date Remediation Started: <u>7-23-98</u>		Date Completed: <u>8-25-98</u>	
Remediation Method: Landfarmed <input checked="" type="checkbox"/>		Approx. cubic yards <u>64</u>	
Composted <input type="checkbox"/>			
Other <input type="checkbox"/>			
Depth to Ground Water: (pts.) <u>0</u> Distance to an Ephemeral Stream: (pts.) <u>0</u> Distance to Nearest Lake, Playa, or Watering Pond: (pts.) <u>0</u> Wellhead Protection Area: (pts.) <u>0</u> Distance to Surface Water: (pts.) <u>0</u> Ranking Score (Total Points): <u>0</u>		Final Closure Sampling: Sampling Date: <u>8-18-98</u> Time <u>0920</u> Sampling Results: Field Headspace (ppm) <u>12.9</u> TPH (ppm) <u>ND</u> Method <u>8015</u> Other _____	
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF			
DATE <u>8-31-98</u>		PRINTED NAME <u>Roy Burnham Ray Haston</u>	
SIGNATURE <u>Ray Haston</u>		AND TITLE <u>Environmental Technician II</u>	
AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE			
APPROVED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		(REASON) <u>use as Backfill</u>	
SIGNED: <u>K. C. Mamm</u>		DATE: <u>9-3-98</u>	

Axi Apache J29 Landfarm

N



OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 27-Aug-98

CLIENT: PNM - Public Service Company of NM
Project: PNM Pit Remediation
Lab Order: 9808038

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: 27-Aug-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Axi Apache J-29 LF
Work Order:	9808038	Client Sample ID:	9808180920; 5pt. Comp.
Lab ID:	9808038-06A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	8/18/98 9:20:00 AM
		COC Record:	7337

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	8/25/98

Qualifiers:

- PQL - Practical Quantitation Limit
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