

Date Remediation Started: 11/11/98 Date Completed: 12/15/98 11/11/98 R30

Remediation Method: Excavation X Approx. Cubic Yards 65

(Check all appropriate sections)

Landfarmed X Amount Landfarmed (cubic yds): 65

Other _____

Remediation Location: Onsite _____ Offsite Jicarilla Landfarm #4

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

General Description of Remedial Action:

Removed contaminated soil from all 4 side walls and pit bottom to a below 100 ppm head space reading.

Excavated pit 14' x 14' x 9'

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit Closure Sampling:

Sample Location North wall, East wall, South wall, West wall
Bottom 3 point composite

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

Sample depth 9'

Sample date 11/10/98 Sample time 0945

Sample Results

Soil: Benzene (ppm) _____ Water: Benzene (ppb) _____

Total BTEX (ppm) _____ Toluene (ppb) _____

Field headspace (ppm) 9.1 ppm Ethylbenzene (ppb) _____

TPH 76 ppm Method TPH-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 11/11/98

PRINTED NAME Gary Cook

SIGNATURE Mary Cook

AND TITLE Environmental Technician III

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): _____

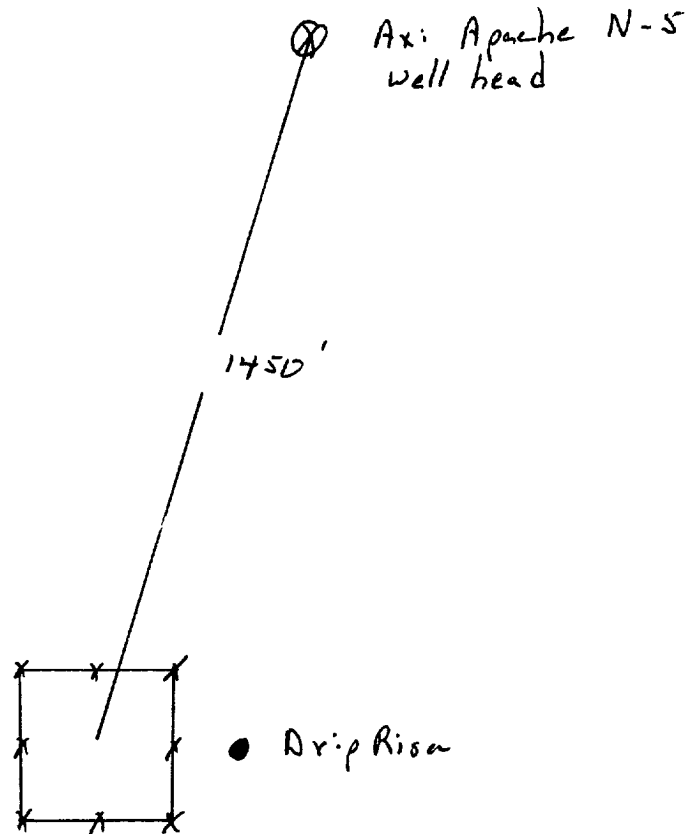
SIGNED: Kee C. Mando DATE: 12-15-98

Axi Apache N-5 Drip
WFS
Sec. 1, 25 N, 4 W, B

11/11/98

site drawing:

↑
N

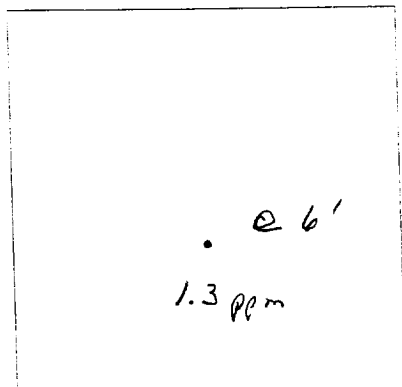


not to scale

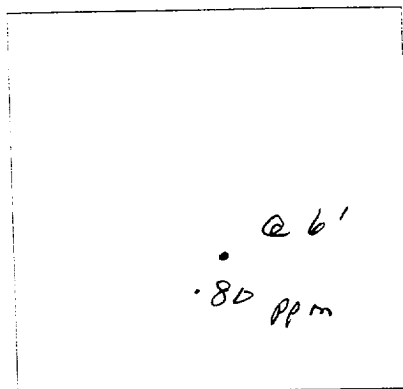
Axi Apache N-5 Dr: p
WFS
Sec. 1, 25N, 4W, B

11/11/98

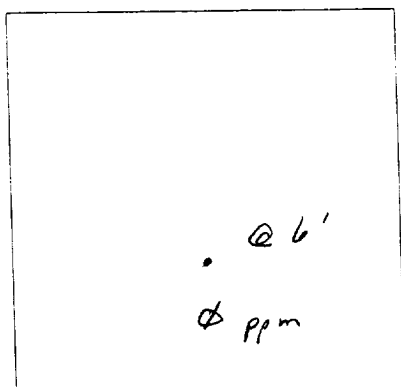
North Wall



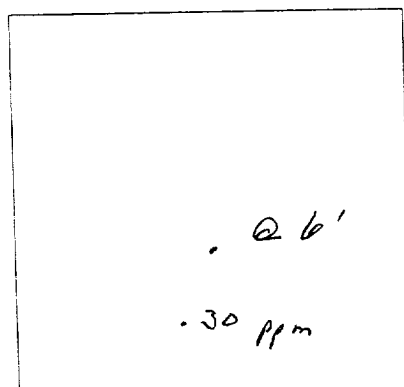
South Wall



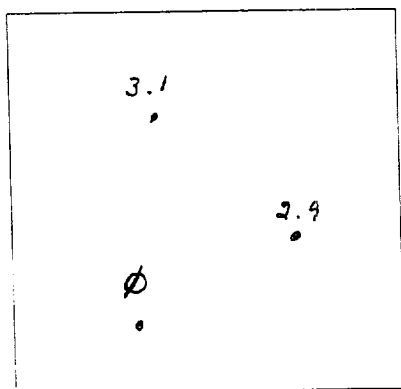
East Wall



West Wall



Bottom



@ 9'
clay

3 points.
headspace reading 9.1 ppm

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 19-Nov-98

CLIENT: PNM - Public Service Company of NM
Project: Axi Apache N-5 Drip
Lab Order: 9811045

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.

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LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 19-Nov-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Axi Apache N-5 Drip
Work Order:	9811045	Client Sample ID:	9811110945; Bottom @ 9ft.
Lab ID:	9811045-01A	Matrix:	SOIL
Project:	Axi Apache N-5 Drip	Collection Date:	11/10/98 9:45:00 AM
		COC Record:	7424

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	76	25		mg/Kg	1	11/17/98

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
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- Surr: - Surrogate

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 19-Nov-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Axi Apache N-5 Drip
Work Order:	9811045	Client Sample ID:	9811110950; Walls @ 6ft.
Lab ID:	9811045-02A	Matrix:	SOIL
Project:	Axi Apache N-5 Drip	Collection Date:	11/10/98 9:50:00 AM
		COC Record:	7424

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
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