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

Approved

PIT REMEDIATION AND CLOSURE REPORT

Operator: PNM Gas Services (WFS) **Telephone:** 324-3764

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Axi Apache H-3 Drip

Location: Unit: P Sec. 32 T. 24 N R. 5 W County Rio Arriba

Pit Type: Separator ___ Dehydrator ___ Other Line Drip

Land Type: Jicarilla Apache

Pit Location: (Attach diagram)

Pit dimensions: length 23' width 19' depth 8'

Reference: wellhead ___ other Drip riser

Footage from reference: 18'

Direction from reference: Straight Degrees ___ East North X of ___ West South ___

Depth to Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (0 points)	0
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 No	(20 points) (0 points)	0
Distance to Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet 200 feet to 1,000 feet Greater than 1,000 feet	(20 points) (10 points) (0 points)	0
Distance to Ephemeral Stream (dry wash): (Horizontal distance to all downgradient streams having a width of at least 10 feet)	Less than or equal to 100 feet Greater than 100 feet	(10 points) (0 points)	0
Distance to Nearest Lake, Playa, or Watering Pond: (Horizontal distance to all downgradient lakes, playas, and livestock or wildlife water ponds)	Less than or equal to 100 feet Greater than 100 feet	(10 points) (0 points)	0

RANKING SCORE (TOTAL POINTS) : 0

RECEIVED
FEB - 3 1998
OIL CON. DIV.
DIST. 3

Date Remediation Started: 9/16/97 **Date Completed:** 10/27/97

Remediation Method: Excavation X Approx. Cubic Yards 129

(Check all appropriate sections) Landfarmed X Amount Landfarmed (cubic yds): 129

Other

Remediation Location: Onsite Offsite Axi Apache H-3 Location

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

General Description of Remedial Action:

Removed contaminated soil from all four side walls and bottom of pit as to get it below 100 ppm head space reading.

Ground Water Encountered: No X Yes Depth

Final Pit Closure Sampling: Sample Location North, East, South, West side walls and bottom of pit.

(if multiple samples, attach sample result and diagram of sample locations and depths.) Sample depth 8'

Sample date 9/16/97 Sample time 0953

Sample Results

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

Total BTEX (ppm Toluene (ppb)

Field headspace (ppm) 67.5 Ethylbenzene (ppb)

TPH ND 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 9/25/97 PRINTED NAME Ronald A. Dedrick

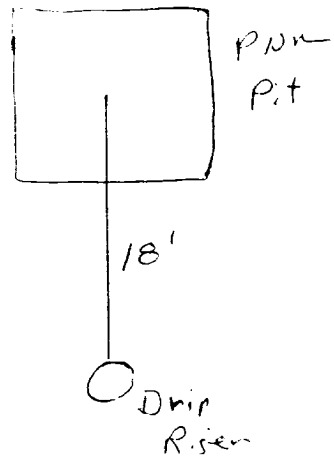
SIGNATURE Ronald A Dedrick AND TITLE Environmental Technician II

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):

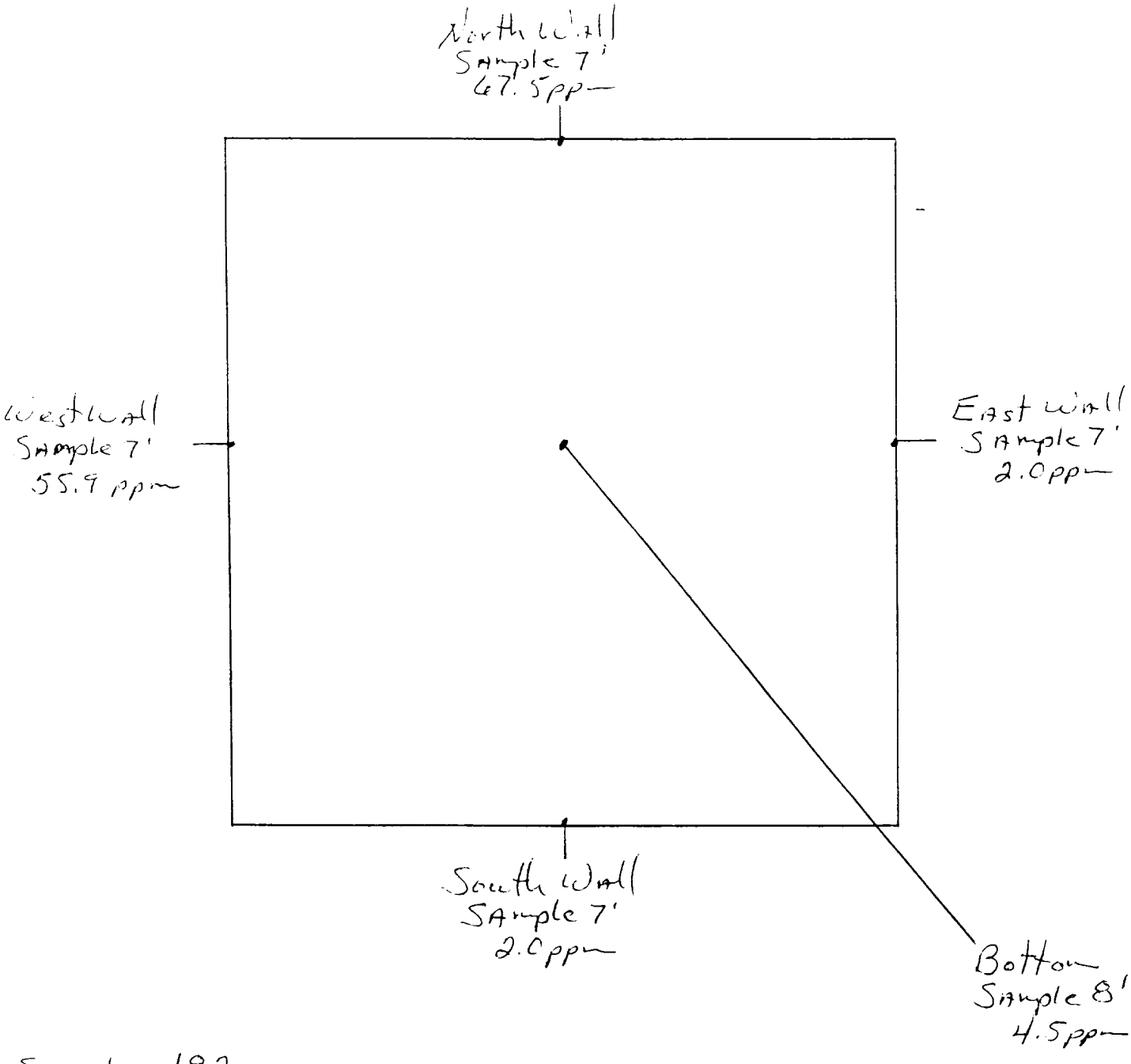
SIGNED: Kim C Manuel DATE: 9-30-97

AxiApache H-3 Drip
Sec. 32 T24N R5W Unit P
WFS



Axi Apache H-3 Drip
Sec. 32 T24N R5W Unit P
WFS

23'x19'x8'



5' Sample - 182ppm

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Denver Bearden*	Date:	23-Sep-97
Company:	*PNM Gas Services*	COC No.:	*5589*
Address:	*603 W. Elm*	Sample No.:	*16248*
City, State:	*Farmington, NM 87401*	Job No.:	*2-1000*

Project Name:	***PNM Gas Services - Axi Apache H-3 Drip***				
Project Location:	***9709160953; 5pt. Composite***				
Sampled by:	MT	Date:	16-Sep-97	Time:	9:53
Analyzed by:	HR	Date:	19-Sep-97		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
Diesel Range Organics (C10 - C28)	ND	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

DRO QC No.: 0555-STD

Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
Diesel Range (C10 - C28)	ND	ppm	200	176	12.7	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
Diesel Range (C10-C28)	80	86	(70-130)	8	20%

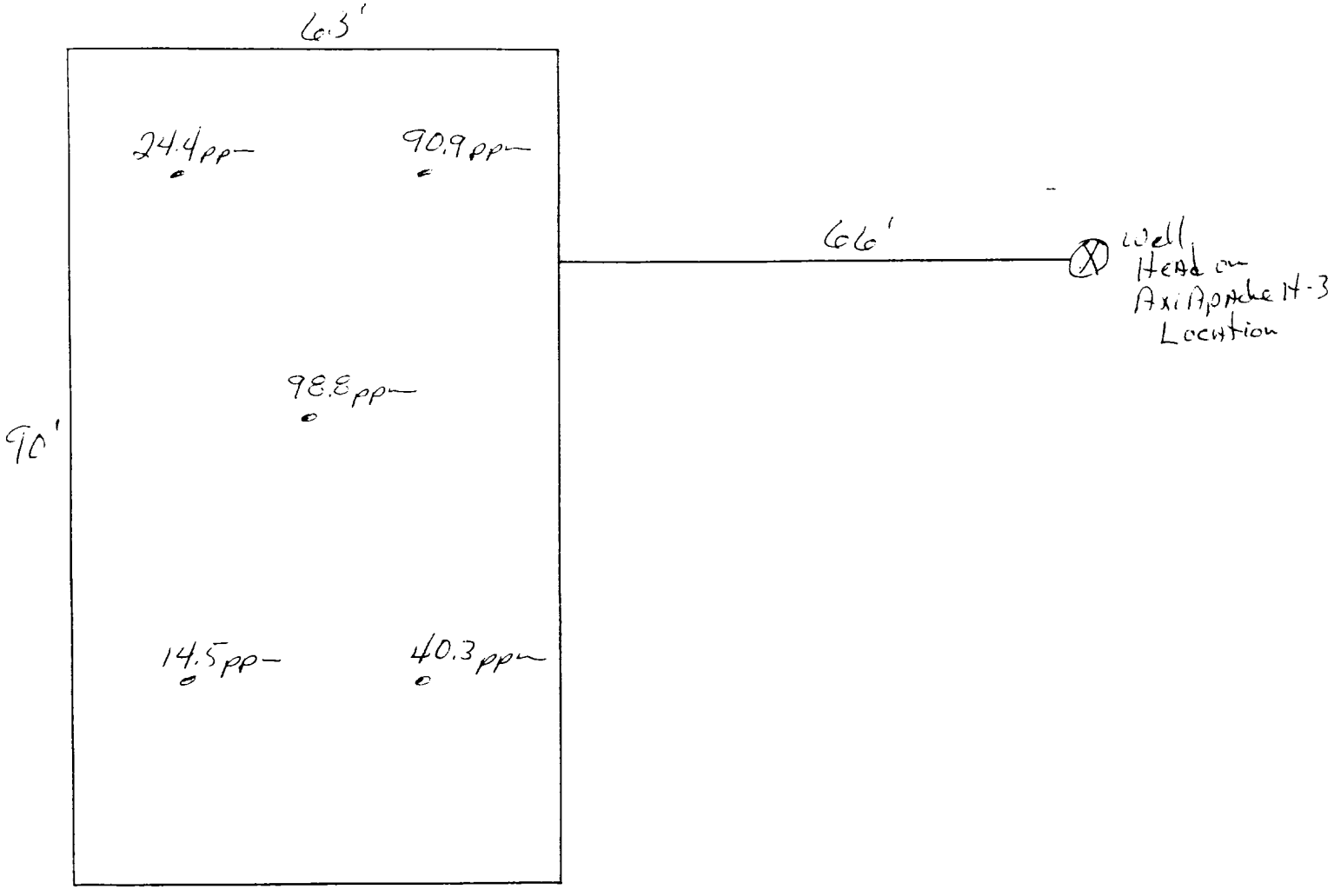
Method - *SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by:
Date: 9/23/97

P.O. BOX 2606 • FARMINGTON, NM 87499

Axi Apache H-3 Drip
Sec. 32 T.24N R5W Unit P
NMPM

Landfarm



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NATURAL
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AND OIL GAS
ADMINISTRATION

ON-SITE SOIL REMEDIATION REPORT

Operator: PNM Gas Services (WFS) **Telephone:** 324-3764

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Ax Apache H-3 Drip

Location: Unit: P Sec. 32 T. 24 N R. 5 W County Rio Arriba

Land Type: Jicarilla Apache

Date Remediation Started: 9/16/97 **Date Completed:** 10/1/97

Remediation Method: Landfarmed X Approx. cubic yards 129

Composted ___

Other ___

Depth to Ground Water:	(pts.)	0
Distance to an Ephemeral Stream:	(pts.)	0
Distance to Nearest Lake, Playa, or Watering Pond:	(pts.)	0
Wellhead Protection Area:	(pts.)	0
Distance to Surface Water:	(pts.)	0
Ranking Score (Total Points):		0

Final Closure Sampling:

Sampling Date: 9/30/97 Time 0911

Sampling Results:

Field Headspace (ppm) 98.8

TPH (ppm) 130 Method 8015

Other ___

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

DATE 10/3/97 PRINTED NAME Ronald A. Dedrick

SIGNATURE Ronald A Dedrick AND TITLE Environmental Technician II

AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE

APPROVED: YES X NO ___ (REASON) Not for use as Backfill

SIGNED: Kevin C Manell DATE: 10-14-97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Denver Bearden*	Date:	2-Oct-97
Company:	*PNM Gas Services*	COC No.:	*5603*
Address:	*603 W. Elm*	Sample No.:	*16448*
City, State:	*Farmington, NM 87401*	Job No.:	*2-1000*

Project Name:	***PNM Gas Services - Axi Apache H-3 Drip Landfarm***				
Project Location:	***9709300911; 5pt. Composite***				
Sampled by:	RB	Date:	30-Sep-97	Time:	9:11
Analyzed by:	HR/DC	Date:	1-Oct-97		
Sample Matrix:	*Soil*				

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
Diesel Range Organics (C10 - C28)	130	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

DRO QC No.: 0555-STD

Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
Diesel Range (C10 - C28)	ND	ppm	200	202	1.2	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
Diesel Range (C10-C28)	102	92	(70-130)	10	20%

Method - *SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by:
Date: 10/2/97

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