

Denny L. Faust
DEPUTY OIL & GAS INSPECTOR

FEB 08 1999

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

04
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: *At Apache J-22 DRIP*

Location: Unit: *L* Sec. *6* T. *25 N* R. *5 W* County *Rio Arriba*

Pit Type: Separator _____ Dehydrator _____ Other *Line Drip*

Land Type: *Jicarilla Apache*

Pit Location: Pit dimensions: length *15'* width *15'* depth *2*

(Attach diagram) Reference: wellhead *X* other _____

Footage from reference: *110'*

Direction from reference: *DUE* Degrees _____ East _____ North _____
of _____
X West _____ South _____

Depth to Ground Water:

(Vertical distance from contaminants to seasonal high water elevation of ground water)

Less than 50 feet (20 points)
50 feet to 99 feet (10 points)
Greater than 100 feet (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 (20 points)
No (0 points) *0*

Distance to Surface Water:

(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)

Less than 200 feet (20 points)
200 feet to 1,000 feet (10 points)
Greater than 1,000 feet (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 (10 points)
Greater than 100 feet (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 (10 points)
Greater than 100 feet (0 points) *0*

RANKING SCORE (TOTAL POINTS): *0*

Date Remediation Started: 9/3/98 Date Completed: 11/2/98

Remediation Method: Excavation X Approx. Cubic Yards 100

(Check all appropriate sections)

Landfarmed X Amount Landfarmed (cubic yds): 100

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 side walls and pit bottom as to get a below 100 ppm Pld reading.
Final excavation: 20' X 15' X 9'.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit Closure Sampling:

Sample Location North, East, South, West Side walls and pit bottom

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

Sample depth 9' (KJ)

Sample date 9/3/98 Sample time 1101

Sample Results

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

Total BTEX (ppm) _____ Toluene (ppb) _____

Field headspace (ppm) 52.7 Ethylbenzene (ppb) _____

TPH ND ~~146~~ 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 9/14/98 PRINTED NAME Roy Burnham

SIGNATURE Roy Burnham AND TITLE Environmental Technician II

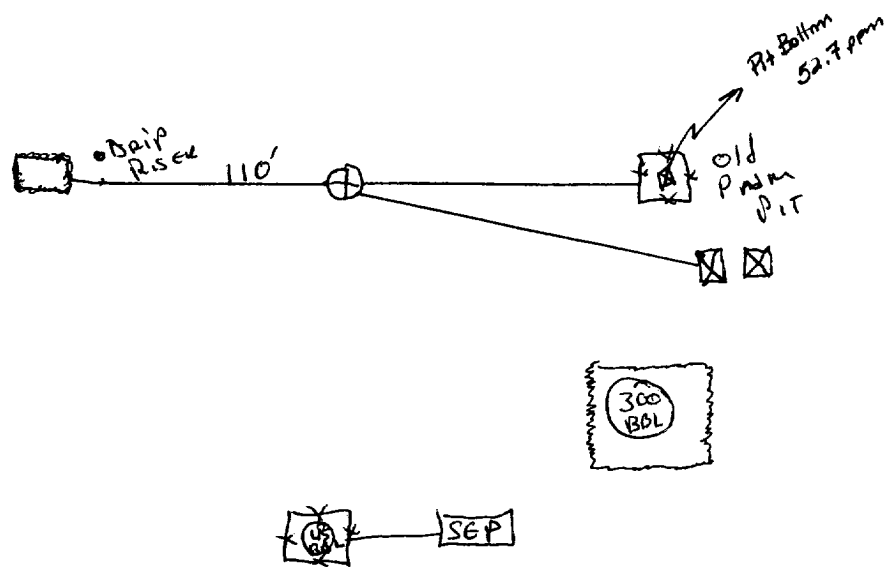
AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES X NO _____ (REASON): _____

SIGNED: Kent Marshall DATE: 9-23-98

Ax1 Apache J-22 DRIP
Sec 6 T-25N R-5W unit(L)

Site Drawing

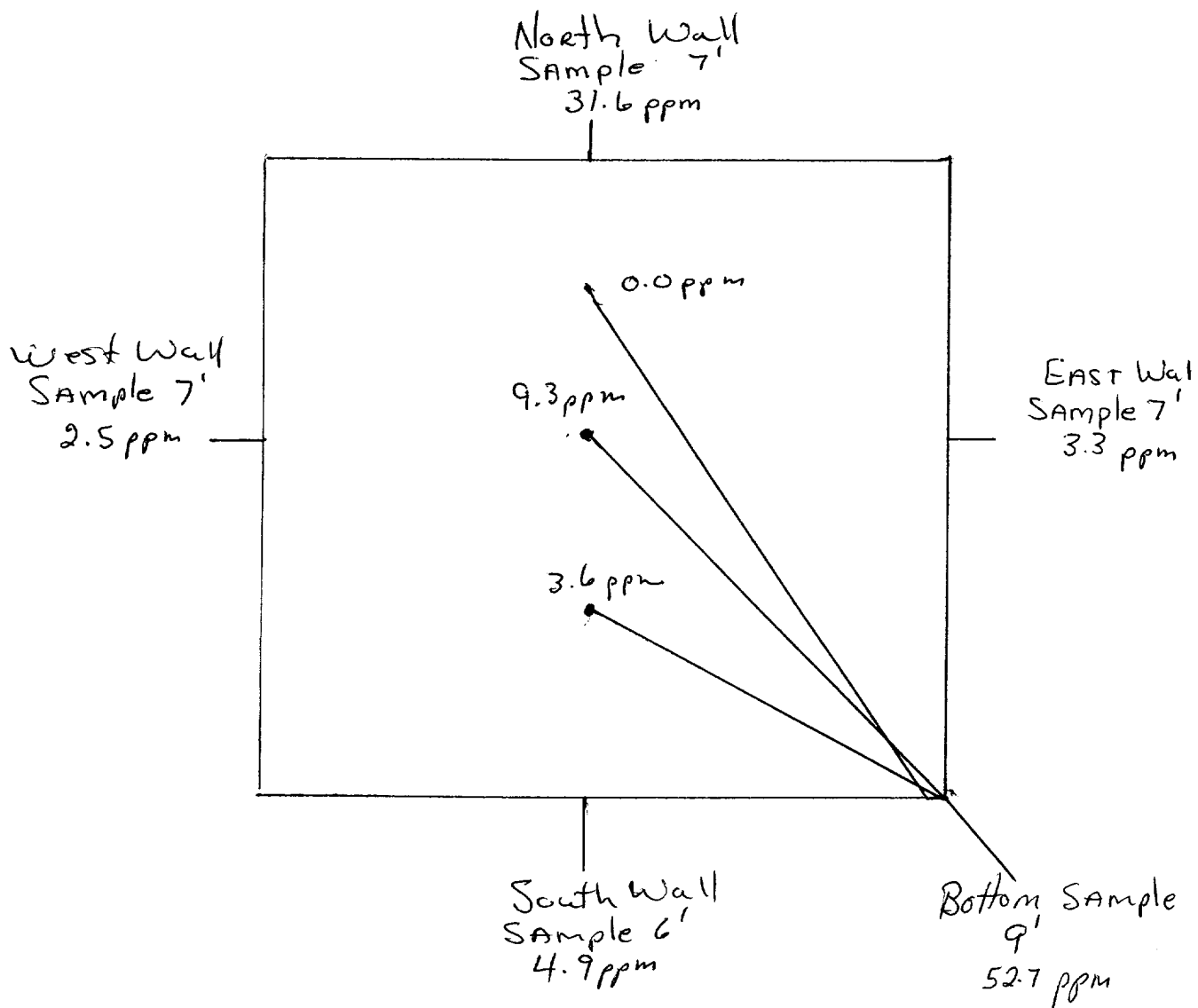


Not to Scale

At: Apache J-22 DRIP
Sec 6 T25N R5W unit L

20'x15'x9'

EXCAVATION DRAWING



OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 10-Sep-98

CLIENT: PNM - Public Service Company of NM

Project: Axi Apache J-22 Drip

Lab Order: 9809011

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: 10-Sep-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Axi Apache J-22 Drip
Work Order:	9809011	Client Sample ID:	9809031101; 3pt. Comp. Bottom
Lab ID:	9809011-02A	Matrix:	SOIL
Project:	Axi Apache J-22 Drip	Collection Date:	9/3/98 11:01:00 AM
		COC Record:	7344

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	9/8/98

Qualifiers:	PQL - Practical Quantitation Limit	S - Spike Recovery outside accepted recovery limits
	ND - Not Detected at Practical Quantitation Limit	R - RPD outside accepted recovery limits
	J - Analyte detected below Practical Quantitation Limit	E - Value above quantitation range
	B - Analyte detected in the associated Method Blank	Surr: - Surrogate

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OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 10-Sep-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Axi Apache J-22 Drip
Work Order:	9809011	Client Sample ID:	9809031100; 4pt. Comp. Walls
Lab ID:	9809011-01A	Matrix:	SOIL
Project:	Axi Apache J-22 Drip	Collection Date:	9/3/98 11:00:00 AM
		COC Record:	7344

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	120	25		mg/Kg	1	9/8/98

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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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: Axi Apache J-22 DRIP
Location: Unit: L Sec. 6 T. 25 N R. 5 W County Rio Arriba
Land Type: Jicarilla Apache

Date Remediation Started: 9/3/98 Date Completed: 10/14/98
Remediation Method: Landfarmed ☒ Approx. cubic yards 100
Composted ☐
Other ☐

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

Final Closure Sampling:
Sampling Date: 10/12/98 Time 0812
Sampling Results:
Field Headspace (ppm) 0.0
TPH (ppm) ND Method 8015
Other

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

DATE 10/25/98 PRINTED NAME Roy Burnham
SIGNATURE Roy Burnham AND TITLE Environmental Technician II

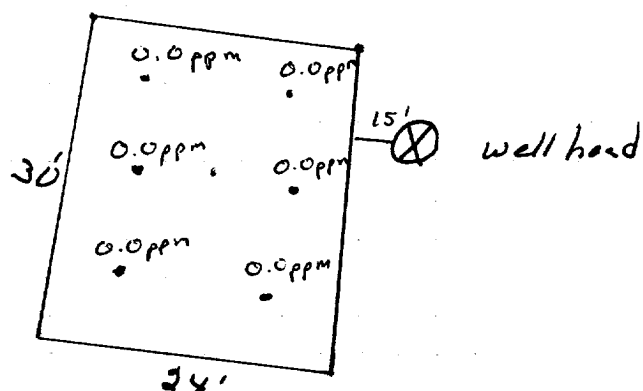
AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION APPROVED IN ACCORDANCE TO THE
JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE

APPROVED: YES ☒ NO ☐ (REASON) use as Backfill
SIGNED: Ken C Marshall DATE: 11-2-98

Axi Apache J-22 DRIP
Conoco
Sec. 6, 25N, 5W, 2

9/9/98

Landfarm: ON Location



2"-12" depth

soil / vapor headspace readings = 0.0 ppm

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 16-Oct-98

CLIENT: PNM - Public Service Company of NM
Project: Jicarilla Pit Remediation
Lab Order: 9810037

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: 16-Oct-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Axi Apache J-22 Drip LF
Work Order:	9810037	Client Sample ID:	9810120812; 6pt. Comp.
Lab ID:	9810037-05A	Matrix:	SOIL
Project:	Jicarilla Pit Remediation	Collection Date:	10/12/98 8:12:00 AM
		COC Record:	7512

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	10/14/98

Qualifiers:

- PQL - Practical Quantitation Limit
- ND - Not Detected at Practical Quantitation Limit
- J - Analyte detected below Practical Quantitation Limit
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- S - Spike Recovery outside accepted recovery limits
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