

DEPUTY CHIEF OF POLICE INSPECTOR

FEB 08 1982

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

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: Jicarilla Apache Tribal 122-2 DRIP

Location: Unit: P Sec. 4 T. 25 N R. 4 W County Rio Arriba

Pit Type: Separator Dehydrator Other Line Driv

Land Type: Jicarilla Apache

Pit Location: Pit dimensions: length 20' width 20' depth 3'

(Attach diagram) Reference: wellhead χ other

Footage from reference: 105

Direction from reference: S 42° 10' E Degrees 42 East of North 42
West of 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)

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)

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)

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)

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)

RANKING SCORE (TOTAL POINTS) : 

Date Remediation Started: 10/23/98 Date Completed: 11/30/98

Remediation Method: Excavation X Approx. Cubic Yards 2402

(Check all appropriate sections)

Landfarmed _____ Amount Landfarmed (cubic yds): 2402

Other _____

Remediation Location: Onsite _____ Offsite Jicarilla Land Farm #4

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

General Description of Remedial Action:

Removed contaminated soil from all four side walls as to get a below 100ppm headspace reading.
Pit bottom is rock, Final excavation: 60' X 47' X 23'.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit Closure Sampling:

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

Sample Location North, East, South, west side walls and Pit bottom

Sample depth 23'

Sample date 11/2/98 Sample time 1116/1117 ✓

Sample Results

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

Total BTEX (ppm) 0.0031 Toluene (ppb) _____

Field headspace (ppm) 363 Ethylbenzene (ppb) _____

TPH 38 ppm Method GC/MS 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 11/23/98

PRINTED NAME Roy Burnham

SIGNATURE Roy Burnham

AND TITLE Environmental Technician II

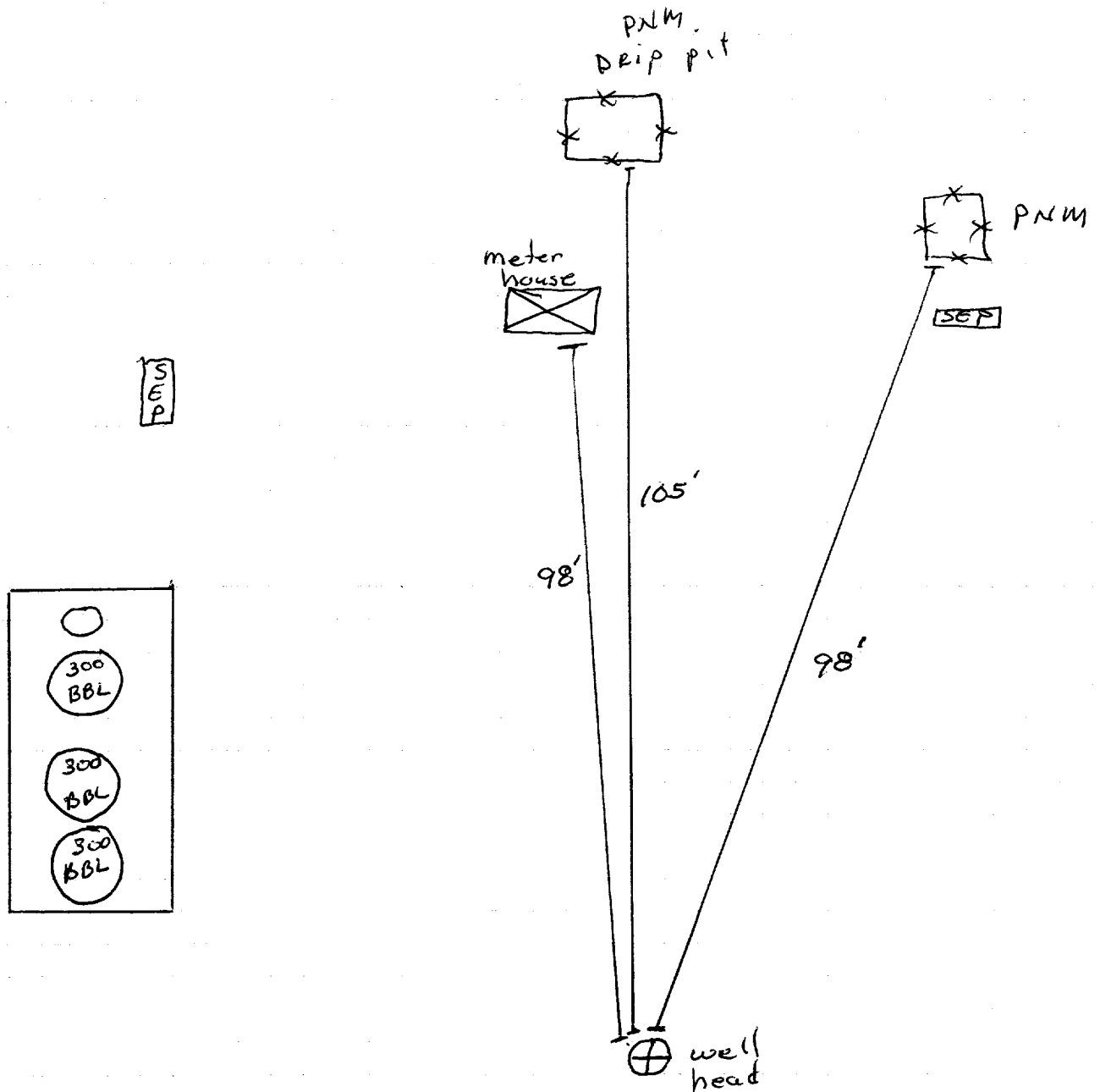
AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES X NO _____ (REASON): _____

SIGNED: Ken C. Marshall DATE: 11-30-98

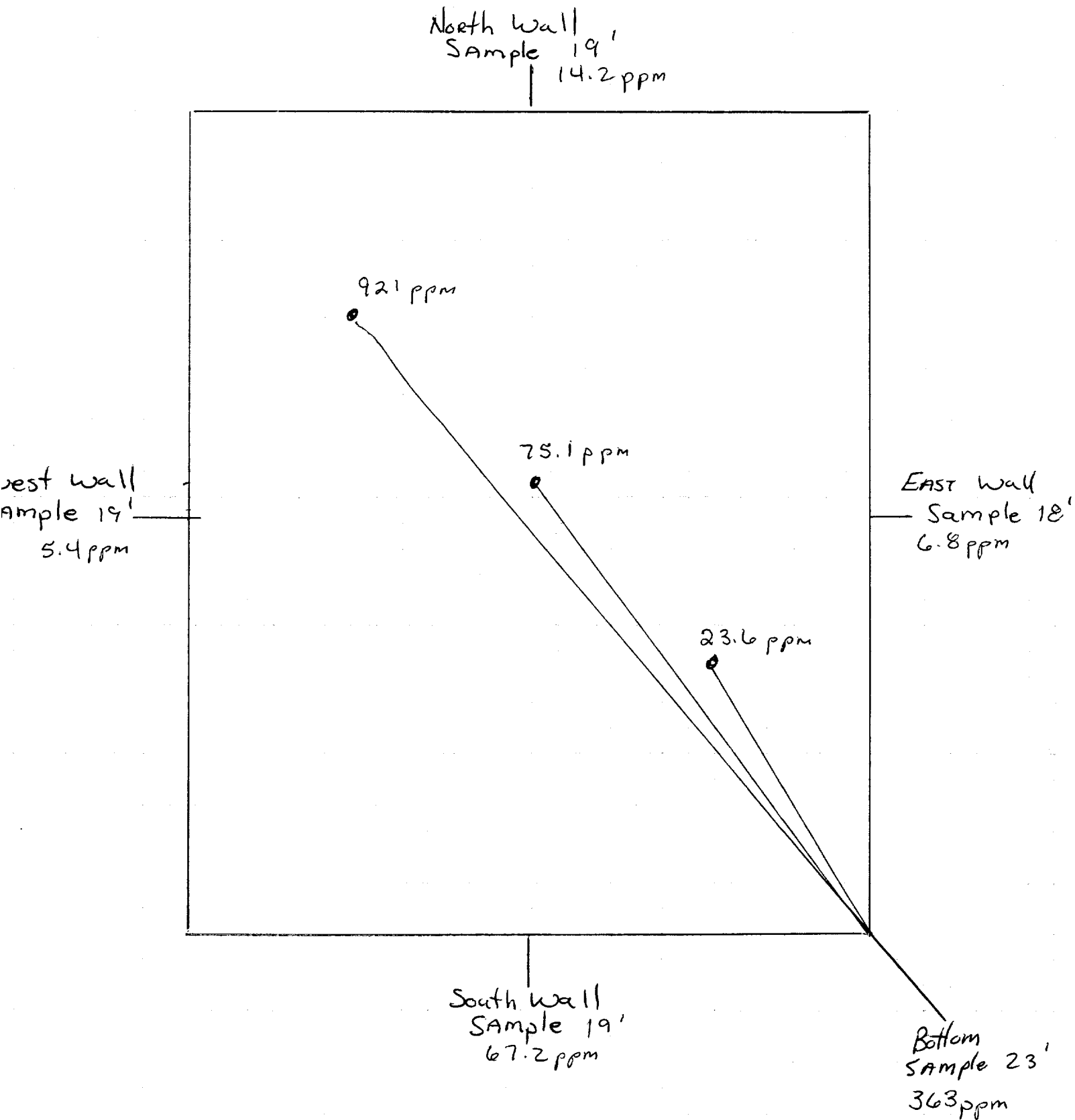
Jicarilla Apache Tribal 122-2 DRIP
Sec-4 T-25N R-4W UC-P
WFS

Site Drawing



Jicarilla Apache Tribal 122-2 Drip
Sec-4 T-25N R-4W 46-P
WFS

EXCAVATION DRAWING



OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 16-Nov-98

CLIENT: PNM - Public Service Company of NM
Project: Jicarilla Pit Remediation
Lab Order: 9811028

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:** 16-Nov-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Jic. Apache Tribal 122-2 Drip
Work Order:	9811028	Client Sample ID:	9811021117 3pt Comp Bottom
Lab ID:	9811028-04A	Matrix:	SOIL
Project:	Jicarilla Pit Remediation	Collection Date:	11/2/98 11:17:00 AM
		COC Record:	7360

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	11/14/98
BTEX		SW8020A				Analyst: DC
Benzene	ND	1		µg/Kg	1	11/10/98
Toluene	ND	2		µg/Kg	1	11/10/98
Ethylbenzene	ND	1		µg/Kg	1	11/10/98
m,p-Xylene	3.1	2		µg/Kg	1	11/10/98
o-Xylene	ND	1		µg/Kg	1	11/10/98

3.1
0.0031 ppm

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



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ANALYTICAL REPORT

Date: 16-Nov-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Jic. Apache Tribal 122-2 Drip
Work Order:	9811028	Client Sample ID:	9811021116 4pt Comp Walls
Lab ID:	9811028-03A	Matrix:	SOIL
Project:	Jicarilla Pit Remediation	Collection Date:	11/2/98 11:16:00 AM
		COC Record:	7360

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	38	25		mg/Kg	1	11/14/98

Qualifiers:

- PQL - Practical Quantitation Limit
- ND - Not Detected at Practical Quantitation Limit
- J - Analyte detected below Practical Quantitation Limit
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