

OK

Denny S. Faust
DEPUTY OIL & GAS INSPECTOR

JICARILLA APACHE TRIBE
ENVIRONMENTAL PROTECTION OFFICE

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

FEB 08 1999

P.O. BOX 507
DULCE, NEW MEXICO 87528

Approved

PIT REMEDIATION AND CLOSURE REPORT

Operator: PNM Gas Services (<u>Burlington</u>) Telephone: <u>324-3764</u>	
Address: <u>603 W. Elm Street Farmington, NM 87401</u>	
Facility or Well Name: <u>Jicarilla J17</u>	
Location:	Unit: <u>A</u> Sec. <u>35</u> T. <u>26 N</u> R. <u>5 W</u> County <u>Rio Arriba</u>
Pit Type:	Separator <input checked="" type="checkbox"/> Dehydrator <input type="checkbox"/> Other <input type="checkbox"/>
Land Type:	<u>Jicarilla Apache</u>
Pit Location: Pit dimensions: length <u>20'</u> width <u>20'</u> depth <u>3'</u>	
(Attach diagram)	Reference: wellhead <input checked="" type="checkbox"/> other <input type="checkbox"/>
Footage from reference: <u>94'</u>	
Direction from reference: <u>75</u> Degrees <input type="checkbox"/> East <input checked="" type="checkbox"/> West of North <u>K</u> South <input type="checkbox"/>	
Depth to Ground Water: Less than 50 feet (20 points) <u>0</u> 50 feet to 99 feet (10 points) <u>0</u> Greater than 100 feet (0 points) <u>0</u>	
Wellhead Protection Area: Yes (20 points) <u>0</u> No (0 points) <u>0</u>	
Distance to Surface Water: Less than 200 feet (20 points) <u>0</u> 200 feet to 1,000 feet (10 points) <u>0</u> Greater than 1,000 feet (0 points) <u>0</u>	
Distance to Ephemeral Stream (dry wash): Less than or equal to 100 feet (10 points) <u>0</u> Greater than 100 feet (0 points) <u>0</u>	
Distance to Nearest Lake, Playa, or Watering Pond: Less than or equal to 100 feet (10 points) <u>0</u> Greater than 100 feet (0 points) <u>0</u>	
RANKING SCORE (TOTAL POINTS): <u>0</u>	

Date Remediation Started: 9-24-98 Date Completed: 12/15/98

Remediation Method: Excavation X Approx. Cubic Yards 308

(Check all appropriate sections)

Landfarmed X Amount Landfarmed (cubic yds): 308

Other _____

Remediation Location: Onsite X Offsite _____

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

General Description of Remedial Action:

Removal of contaminated soil from all four sidewalls and bottom as to get a below 100 ppm head space reading.
Final excavation dimensions: 33' (N+S) X 21' (E+W) X 12' (D)

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit Closure Sampling:

Sample Location North, East, South and West sidewalls and a three point composite of bottom.

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

Sample depth 12'

Sample date 9-28-98 Sample time 1310

Sample Results

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

Total BTEX (ppm) _____ Toluene (ppb) _____

Field headspace (ppm) 66 (wall) 35.8 (Bottom) 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 10-20-98 PRINTED NAME Ray Haston

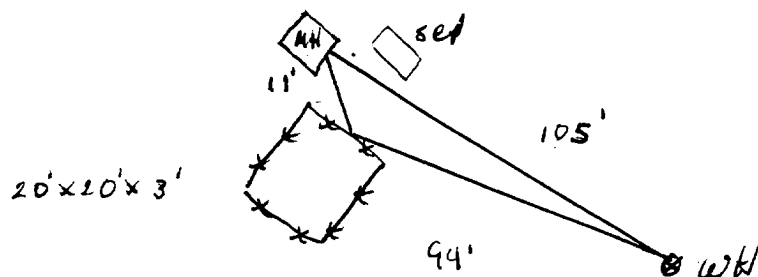
SIGNATURE Ray Haston AND TITLE Environmental Technician

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): _____

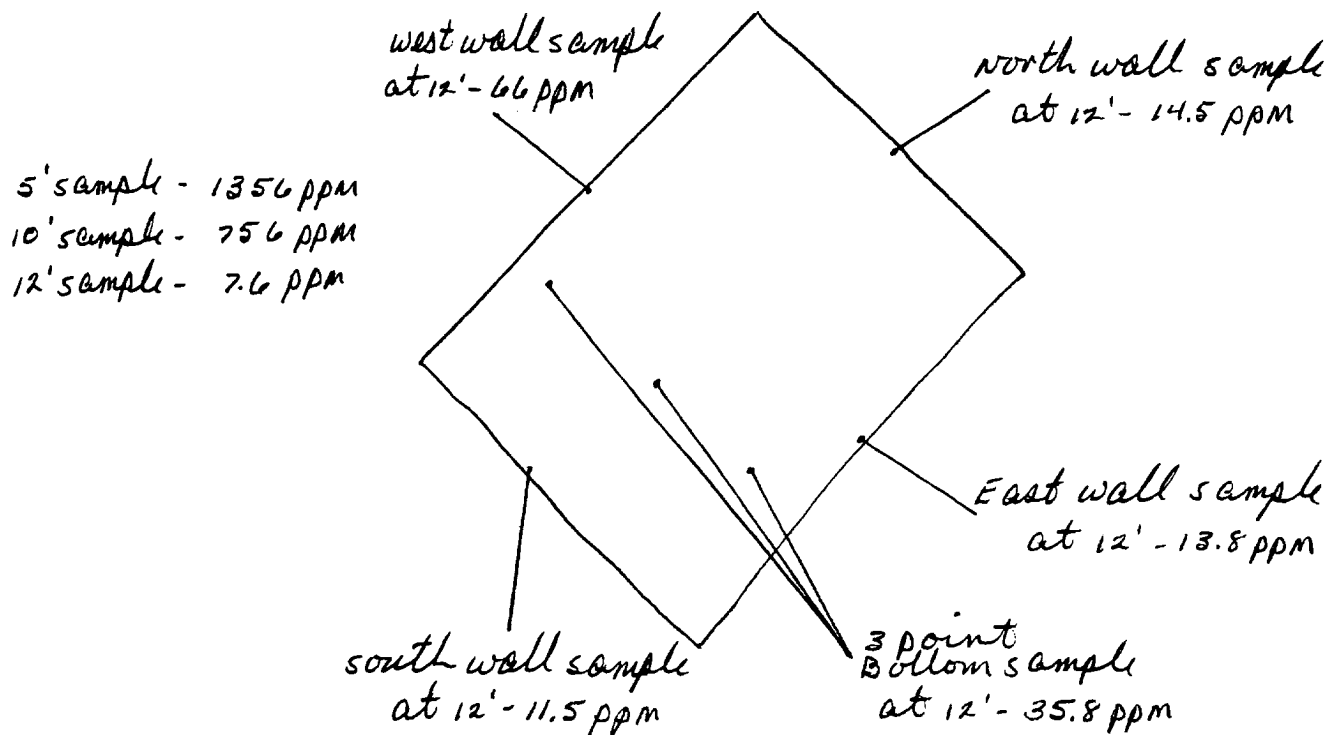
SIGNED: Kac M... DATE: 11-2-98

Jicamilla J17
 (A) 35-26N-5W
 Burlington
 9-24-68



Excavation Sampling

33'(N+S) x 21'(E+W) x 12' (D)



not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 08-Oct-98

CLIENT: PNM - Public Service Company of NM

Project: Jicarilla J17

Lab Order: 9809083

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: 08-Oct-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Jicarilla J17
Work Order:	9809083	Client Sample ID:	9809281310; 4 Wall Comp.
Lab ID:	9809083-02A	Matrix:	SOIL
Project:	Jicarilla J17	Collection Date:	9/28/98 1:10:00 PM
		COC Record:	5757

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	10/5/98

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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OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 08-Oct-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Jicarilla J17
Work Order:	9809083	Client Sample ID:	9809281305; 3pt. Bottom Comp.
Lab ID:	9809083-01A	Matrix:	SOIL
Project:	Jicarilla J17	Collection Date:	9/28/98 1:05:00 PM
		COC Record:	5757

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	10/5/98

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DULCE, NEW MEXICO 87528

SUBMIT 1 COPY TO
NATURAL
RESOURCE DEPT
AND OIL GAS
ADMINISTRATION

ON-SITE SOIL REMEDIATION REPORT

Operator: PNM Gas Services (Burlington) Telephone: 324-3764

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Jicarilla J17

Location: Unit: A Sec. 35 T. 26 N R. 5 W County Rio Arriba

Land Type: Jicarilla Apache

Date Remediation Started: 9-24-98 Date Completed: 11-24-98

Remediation Method: Landfarmed K Approx. cubic yards 308
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: 11-16-98 Time 1238

Sampling Results:

Field Headspace (ppm) 3.1 (K3)

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 12-4-98 PRINTED NAME ~~Roy Burnham~~ Ray Haston

SIGNATURE Ray Haston AND TITLE Environmental Technician II

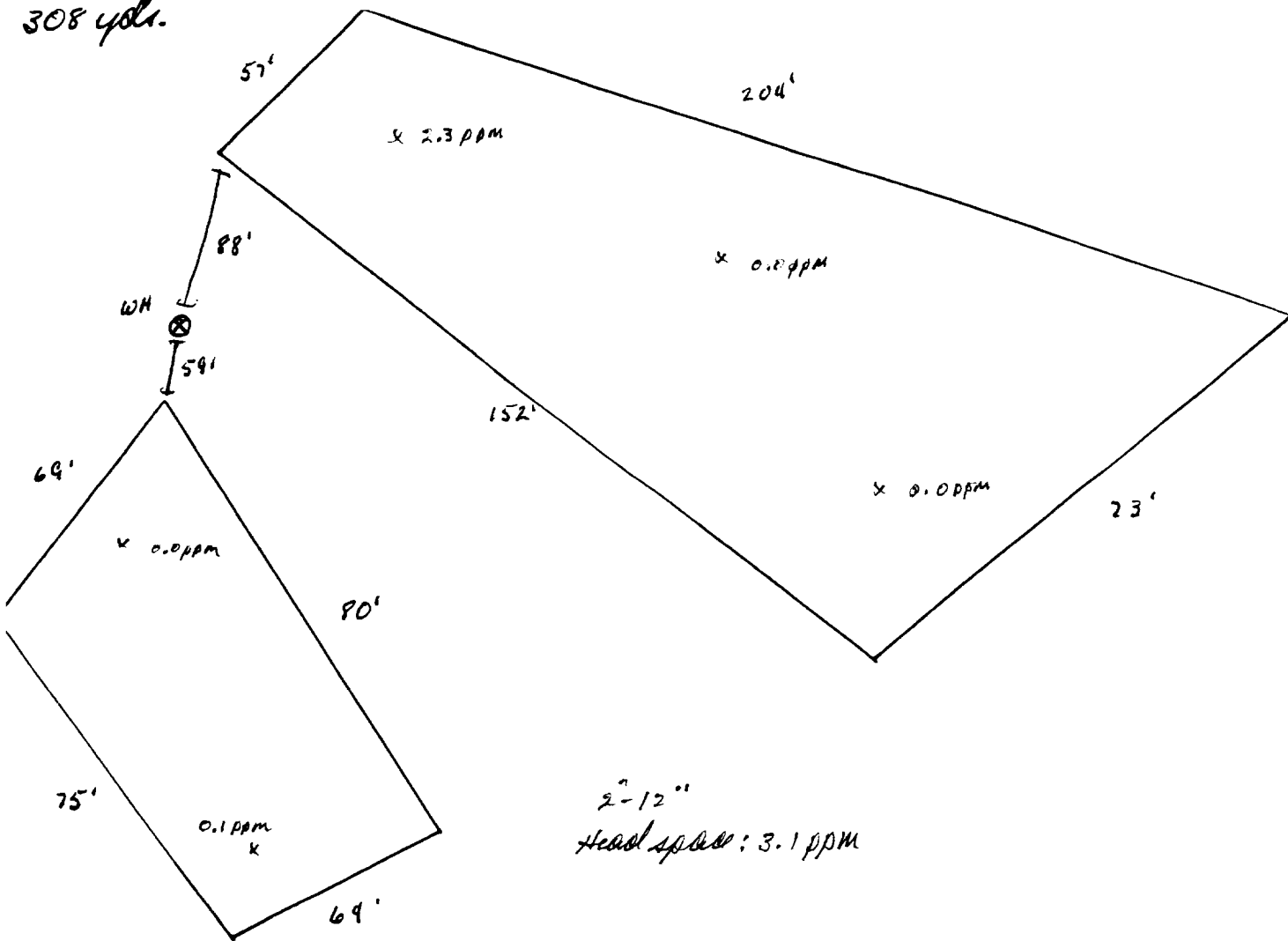
AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION APPROVED IN ACCORDANCE TO THE
JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE

APPROVED: YES X NO — (REASON) use as Backfill

SIGNED: K. C. M... DATE: 12-15-98

Jicarilla J17
 (A) 25-26N-5W
 Burlington
 308 yds.

↑
 N



2-12"
 Head spool: 3.1 ppm

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 30-Nov-98

CLIENT: PNM - Public Service Company of NM
Project: Jicarilla Pit Remediation
Lab Order: 9811057

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: 30-Nov-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Jicarilla J-17 LF
Work Order:	9811057	Client Sample ID:	9811161238 6pt Composite
Lab ID:	9811057-02A	Matrix:	SOIL
Project:	Jicarilla Pit Remediation	Collection Date:	11/16/98 12:38:00 PM
		COC Record:	7403

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	11/24/98

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

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Surr: - Surrogate

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