

Henry G. Fort
DEPUTY OIL & GAS INSPECTOR

JICARILLA APACHE TRIBE

FEB 08 1999

ENVIRONMENTAL PROTECTION OFFICE

P.O. BOX 507
DULCE, NEW MEXICO 87528

OK
SUBMIT 1 COPY TO
NATURAL
RESOURCE DEPT
AND OIL-GAS
ADMINISTRATION

Approved

PIT REMEDIATION AND CLOSURE REPORT

Operator: PNM Gas Services (Conoco) Telephone: 324-3764
Address: 603 W. Elm Street Farmington, NM 87401
Facility or Well Name: Axi Apache J-27
Location: Unit: G Sec. 8 T. 25 N R. 5 W County Rio Arriba
Pit Type: Separator Dehydrator Other
Land Type: Jicarilla Apache

Pit Location: Pit dimensions: length 18' width 18' depth 2'
(Attach diagram) Reference: wellhead other
Footage from reference: 63'
Direction from reference: Due Degrees East North
X West of South

Depth to Ground Water: <small>(Vertical distance from contaminants to seasonal high water elevation of ground water)</small>	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 points)	<u>0</u>
Wellhead Protection Area: <small>(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)</small>	Yes (20 points) No (0 points)	<u>0</u>
Distance to Surface Water: <small>(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)</small>	Less than 200 feet (20 points) 200 feet to 1,000 feet (10 points) Greater than 1,000 feet (0 points)	<u>0</u>
Distance to Ephemeral Stream (dry wash): <small>(Horizontal distance to all downgradient streams having a width of at least 10 feet)</small>	Less than or equal to 100 feet (10 points) Greater than 100 feet (0 points)	<u>0</u>
Distance to Nearest Lake, Playa, or Watering Pond: <small>(Horizontal distance to all downgradient lakes, playas, and livestock or wildlife water ponds)</small>	Less than or equal to 100 feet (10 points) Greater than 100 feet (0 points)	<u>0</u>
RANKING SCORE (TOTAL POINTS):		<u>0</u>

Date Remediation Started: 7/15/98 Date Completed: 9/23/98

Remediation Method: Excavation Approx. Cubic Yards 99

(Check all appropriate sections) Landfarmed Amount Landfarmed (cubic yds): 99

Other _____

Remediation Location: Onsite 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 head space reading. EXCAVATION size: 20'x19'x7'

Ground Water Encountered: No Yes _____ Depth _____

Final Pit Closure Sampling: Sample Location North, East, South, West side walls and pit bottom
Sample depth 7'
Sample date 7-15-98 Sample time 1044
Sample Results
Soil: Benzene (ppm) _____ Water: Benzene (ppb) _____
Total BTEX (ppm) _____ Toluene (ppb) _____
Field headspace (ppm) 23.0 Ethylbenzene (ppb) _____
TPH ND ppm Method 8015 Total Xylenes (ppb) _____

Ground Water Sample: Yes _____ No (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 7/28/98 PRINTED NAME Roy Burnham
SIGNATURE Roy Burnham AND TITLE Environmental Technician II

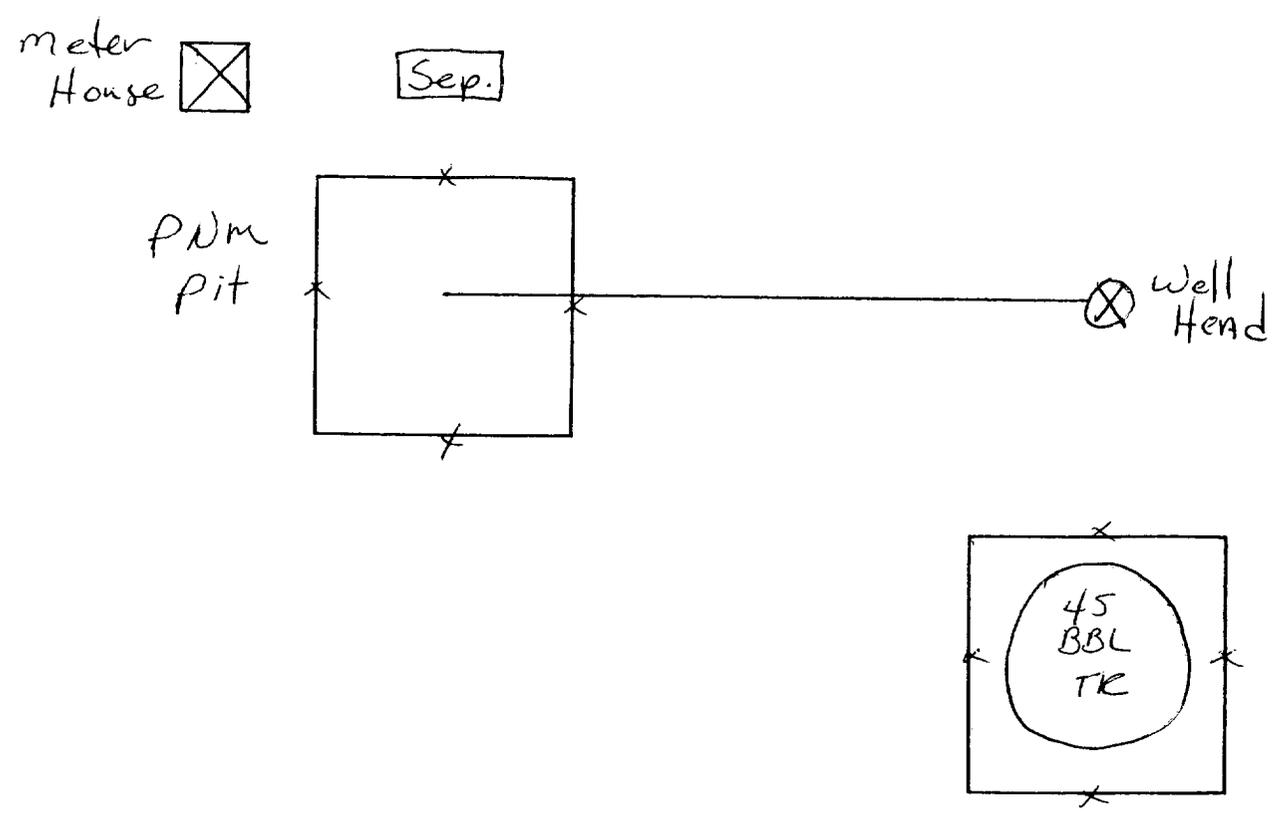
AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES NO _____ (REASON): _____

SIGNED: Ken C. M...ll DATE: 7-28-98

17X117PAChe J-21
Sec. 8 T25NRSW Unit G
Conoco

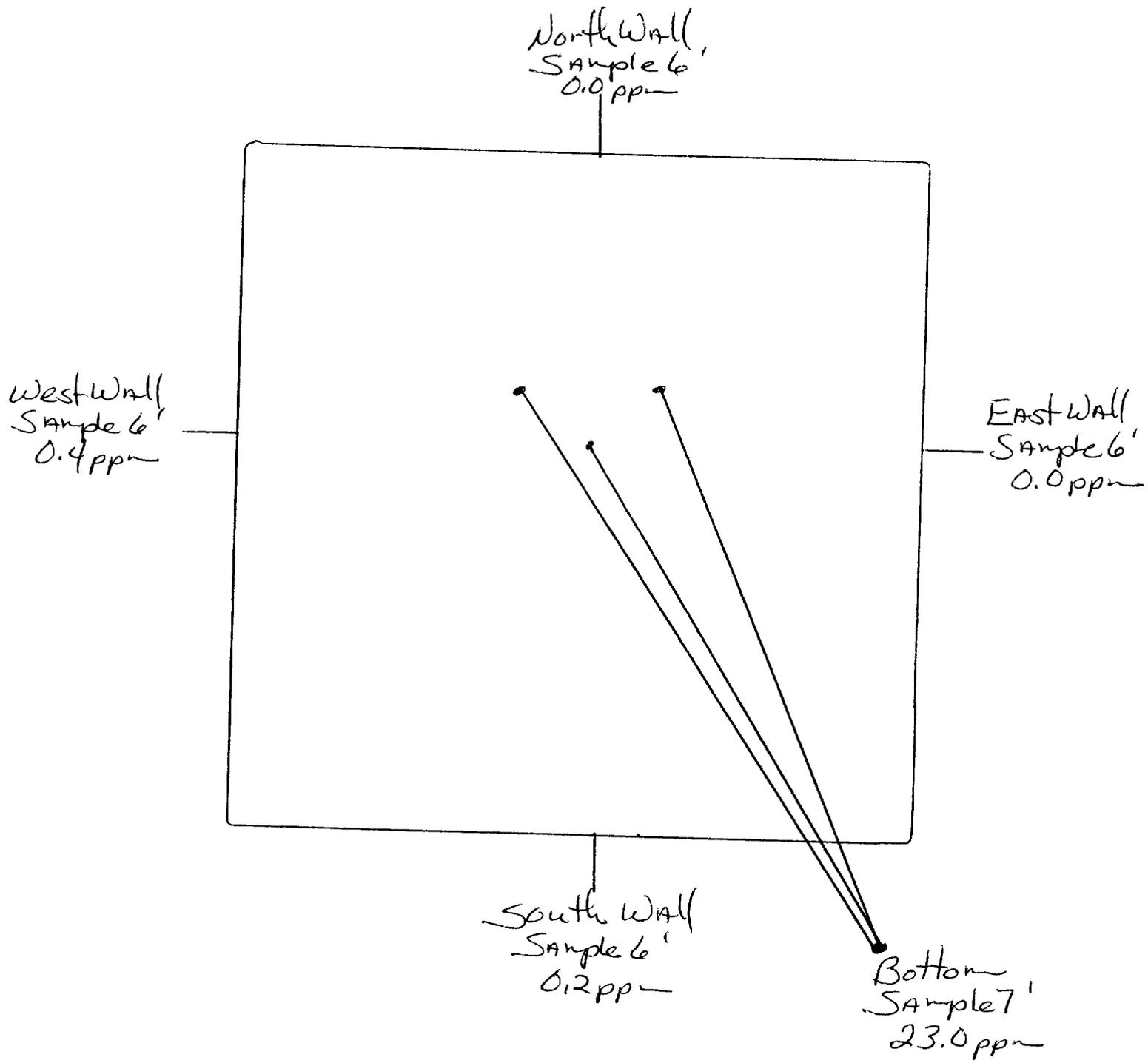
Site Drawing.



17X17 PACHE J-21
Sec. 8 T25N R5W Unit G
Conoco

20'x19'x7'

Excavation Drawing





OFF: (505) 325-5667

LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 28-Jul-98

CLIENT: PNM - Public Service Company of NM
Project: PNM Pit Remediation
Lab Order: 9807044

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: 28-Jul-98

Client: PNM - Public Service Company of NM	Client Sample Info: Axi Apache J-27
Work Order: 9807044	Client Sample ID: 9807151044; 3pt. Composite - <i>bottom</i>
Lab ID: 9807044-02A Matrix: SOIL	Collection Date: 7/15/98 10:44:00 AM
Project: PNM Pit Remediation	COC Record: 7267

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/22/98

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

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 28-Jul-98

Client: PNM - Public Service Company of NM	Client Sample Info: Axi Apache J-27
Work Order: 9807044	Client Sample ID: 9807151043; 4pt. Composite - walls
Lab ID: 9807044-01A Matrix: SOIL	Collection Date: 7/15/98 10:43:00 AM
Project: PNM Pit Remediation	COC Record: 7267

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	7/22/98

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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 DULCE, NEW MEXICO 87528

SUBMIT 1 COPY TO
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 AND OIL GAS
 ADMINISTRATION

ON-SITE SOIL REMEDIATION REPORT

Operator: PNM Gas Services (Conoco) Telephone: 324-3764
 Address: 603 W. Elm Street Farmington, NM 87401
 Facility or Well Name: Axi Apache J-27
 Location: Unit: G Sec. 8 T. 25 N R. 5 W County Rio Arriba
 Land Type: Jicarilla Apache

Date Remediation Started: 7/15/98 Date Completed: 9/4/98
 Remediation Method: Landfarmed Approx. cubic yards 99
 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

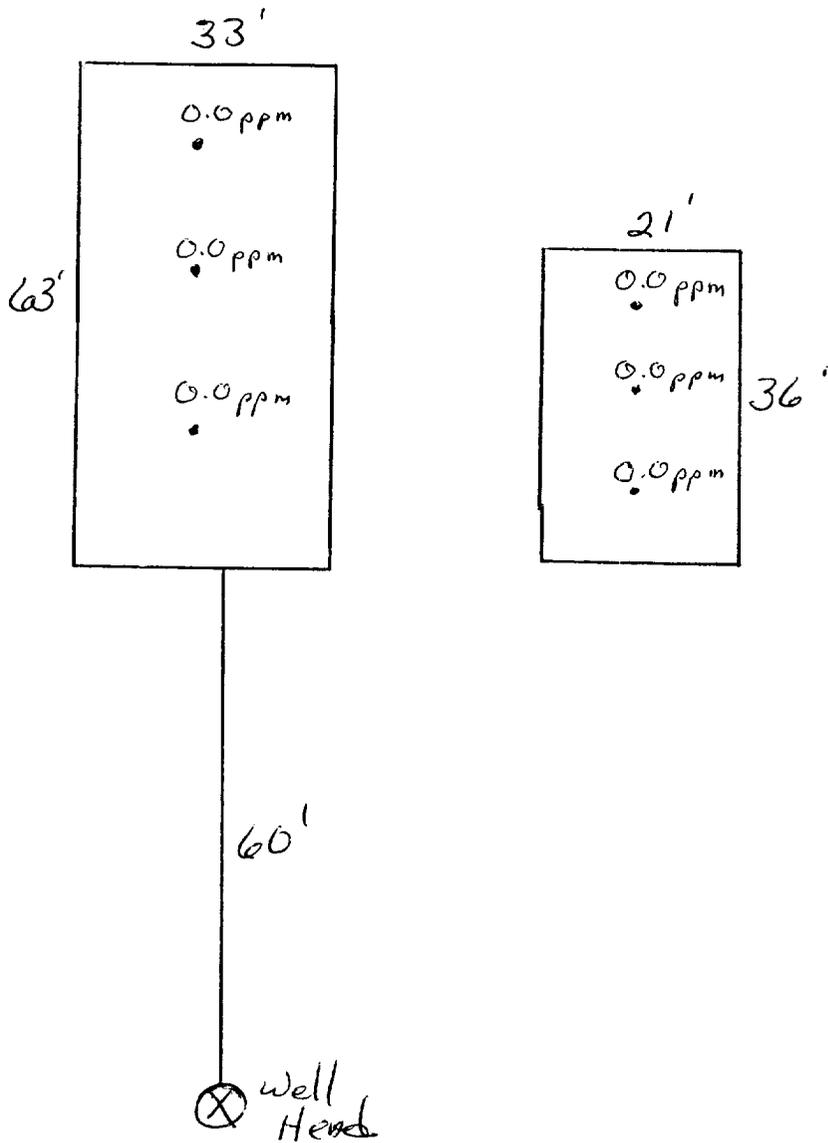
Final Closure Sampling:
 Sampling Date: 9/1/98 Time 1505
 Sampling Results:
 Field Headspace (ppm) 0.0
 TPH (ppm) ND Method 8015
 Other _____

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF
 DATE 9/13/98 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: Kevin M... .. DATE: 9-23-98

17X17 patch J & I
Sec. 8 T25N R5W Unit G
Conoco

Landfarm 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: PNM Pit Remediation
Lab Order: 9809002

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-27 LF
Work Order:	9809002	Client Sample ID:	9809011505; 6pt. Comp.
Lab ID:	9809002-01A	Matrix:	SOIL
Project:	PNM Pit Remediation	Collection Date:	9/1/98 3:05:00 PM
		COC Record:	7437

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	9/4/98

Qualifiers:

PQL - Practical Quantitation Limit	S - Spike Recovery outside accepted recovery limits
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B - Analyte detected in the associated Method Blank	Surr: - Surrogate

P.O. BOX 2606 • FARMINGTON, NM 87499

1 of 1

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -