Venny S. Fourt

A GO LANGE TO THE STATE OF THE STATE OF

JICARILLA APACHE TRIBE

DEPUTY OIL & GAS INSPECTORNVIRONMENTAL PROTECTION OFFICE

1998 P.O. BOX 507 DULCE, NEW MEXICO 87528

JUN 23 1998

RESOURCE DEPT AND OIL GAS ADMINISTRATION

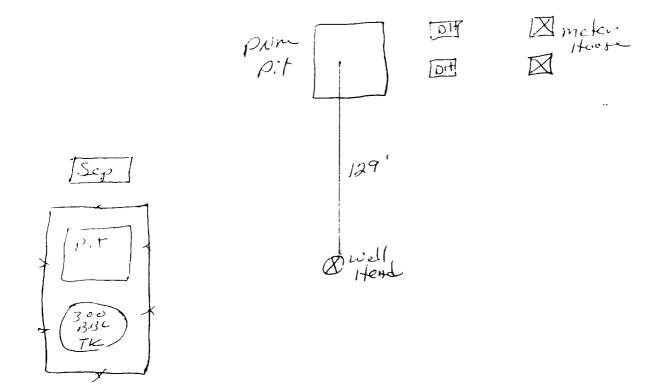
SUBMIT 1 COPY TO NATURAL

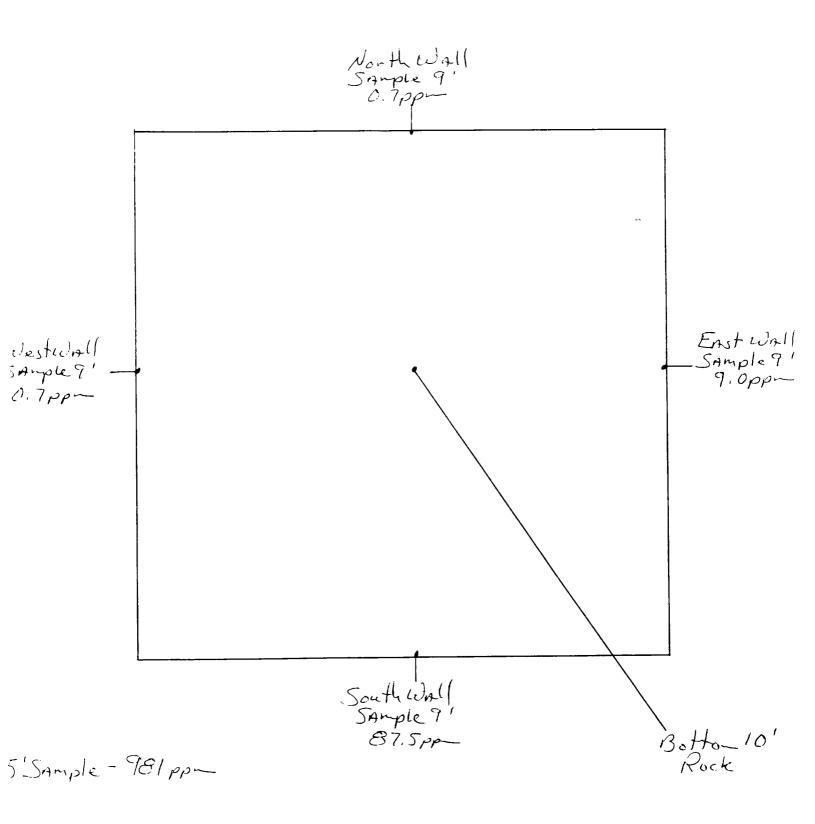
PIT REMEDIATION AND CLOSURE REPORT

	
Operator: PNM Gas Services (Concc) Telephone: 324-3764	
Address: 603 W. Elm Street Farmington, NM 87401	
Facility or Well Name: Jicanilla 13-89	
Location: Unit: Sec25 T. 24 N R. 4 W County Rio Arriba	_
Pit Type: Separator Dehydrator XX Other	
Land Type:	
Pit Location: Pit dimensions: length 32 width 32 depth /	o ′
(Attach diagram) Reference: wellhead X other	
Footage from reference: /29	
Direction from reference: 5 from July Degrees East NorthX	
of West South	
Depth to Ground Water: Less than 50 feet (20 points) (Vertical distance from contaminants (10 points)	4
is seasonal high water elevation of ground water) 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	<u>e</u>
other water sources) 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)	<u>e</u>
Distance to Ephemeral Stream (dry wash): (Honzontal distance to all downgradient streams having a width of at least 10 feet) (10 points) (a) points)	<u>a</u>
Distance to Nearest Lake, Playa, or Watering Pond: (Honzontal distance to all downgradient lakes, playas, and Investock 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	1: <u>E/18/97</u>	Date Completed:	9/30/97
Remediation Method:	Excavation X	Approx. Cubic Yards	379
(Check all appropriate	Landfarmed X	Amount Landfarmed (cul	pic yds): <u>377</u>
sections)	Other		
Remediation Location: (i.e., landfarmed onsite, name and location of offsite facility)	OnsiteX	Offsite	
no to get i	ntaminated soi	I from All f hend spince	our side wall
Ground Water Encounte	ered: No X Yes	Depth	
Final Pit Closure Sampling:	Sample Location North	Enst South	med west
(if multiple samples, attach sample result and diagram of	Sample depth 9'		
sample locations and depths.)		Sample time	1425
	Sample Results	Mater Berees	(h)
	Senzene (ppm) <u>0.002</u>	Water: Benzene Toluene	
	Total BTEX (ppm <u>0, 143</u>	—— Cába dha ana	zene (ppb)
	Field headspace (ppm) $\frac{87}{}$		enes (ppb)
Ground Water Sample			h sample results)
I HEREBY CERTIFY THA KNOWLEDGE AND MY E	T THE INFORMATION ABOVE IS	TRUE AND COMPLETE TO	THE BEST OF MY
,	20/07	NTED NAME Ronald A.	Dedrick
SIGNATURE Rom	ald A Dedrick AM	ND TITLE Environment	al Technician II
	E PIT CLOSURE INFORMATION, TRIBE PIT CLOSURE ORDINAN		ED IN ACCORDANCE
APPROVED: YES	NO (REASO	DN): Spray 2 cl	056
SIGNED:	Cmanle DA	TE: 9-3-9	2

JICARULIA 13-814 Sec. 25 T262 R4W4nitD Conoco







LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:

Denver Bearden

Date:

28-Aug-97

Company: PNM Gas Services

COC No.:

5541

Address:

603 W. Elm

Sample No.:

15870

City, State: Farmington, NM 87401

Job No.:

2-1000

Project Name:

PNM Gas Services - Jicarilla B-8A

Project Location:

9708181425; 4pt. Composite

18-Aug-97 Time:

14:25

Sampled by: Analyzed by: ΤN HR/DC Date: Date:

27-Aug-97

Sample Matrix:

Soil

Laboratory Analysis

Parameter	Results as	Unit of	Limit of	Unit of
	Received	Measure	Quantitation	Measure
Diesel Range Organics (C10 - C28)	7	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

DRO QC No.: 0548-STD

Continuing Calibration Verification

Continuing Cumbitation Verification							
	Method	Unit of	True	Analyzed	:	RPD	
Parameter	Blank	Measure	Value	Value	RPD	Limit	
Diesel Range (C10 - C28)	ND	ppm	200	198	1.0	15%	

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
Diesel Range (C10-C28)	85	84	(70-130)	2	20%

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



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: Denver Bearden

Date: 28-Aug-97

Company: PNM Gas Services

COC No.: 5541

Address: 603 W. Elm City, State: Farmington, NM 87401 Sample No.: Job No.: 15870 2-1000

Project Name:

PNM Gas Services - Jicarilla B-8A

Project Location:

9708181425; 4pt. Composite

Sampled by:

TN Date:

18-Aug-97 Time:

14:25

Analyzed by:

DC Soil

Date:

26-Aug-97

Sample Matrix:

Laboratory Analysis

Parameter	arameter		Unit of Measure	Limit of Quantitation	Unit of Measure
Benzene		2	ug/kg	1	ug/kg
Toluene		4	ug/kg	1	ug/kg
Ethylbenzene		14	ug/kg	1	ug/kg
m,p-Xylene		114	ug/kg	1	ug/kg
o-Xylene		8	ug/kg	1	ug/kg
	TOTAL	143	ug/kg		

ND - Not Detected at Limit of Quantitation

Method - SW-846 EPA Method 8020A Aromatic Volatile Organics by Gas Chromatography

Ipproved by: Date: 8/18/97

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

ON-SITE SOIL REMEDIATION REPORT

Operator:	PNM Gas Services	(Canaco)	Telephone:	324-3764
Address:	603 W. Elm Street Farming	ton. NM 87401		•
Facility or W	/ell Name: Jichy	-1/1 B-EA		
Location:	Unit: D	Sec. <u>25</u> T.	<u>.26 N</u> R	← W County Rio Arriba
Land Type:	Jicarilla Apache			
Date Remediat	ion Started: $8/18$	3/97	Date Complet	ed: $9/3/97$
Remediation M	-	X	Approx. cubic ya	ards <u>379</u>
	Composted Other			
Depth to Grou	ınd Water:	(pts.)		Final Closure Sampling:
Distance to a	n Ephemeral Stream:	(pts.)	Sampling [
Distance to Nor Watering P	earest Lake, Playa, ond:	(pts.)	Sampling F	
Wellhead Pro		(pts.)	Field Hea	adspace (ppm) 97.4
Distance to S	urface Water:	(pts.)	TPH Other	(ppm) 77 Method $90/5$
Ranking S	core (Total Points)	:	-	
I HEREBY CER	RTIFY THAT THE INFORMAT	ION ABOVE IS TRUE AND	COMPLETE TO TH	HE BEST OF MY KNOWLEDGE AND BELIEF
DATE	9/11/97	PRINTED N	AME Ronald A	. Dedrick
SIGNATURE	Romick 12 1	1 1 - 1		onmental Technician II
				Simonal Toolingari
	W OF THE SOIL REMEDIATI ACHE TRIBE PIT CLOSURE		TE REMEDIATION	APPROVED IN ACCORDANCE TO THE
APPROVED:	YES NO	(REASON)	use us	Backfill
Signed: -	Ker ("Man	DA'	те: <u>9-</u>	18:97

Jichrilla 15-017 Sec. 25 TAGN RYW UnitD LAndfann Conoco 51 39' 11.2 pp-7.7pp~ 1389 75' 2.3pp-70.6ppm 24.4ppm 14.11p-97.4pp-

108



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:

Address:

Denver Bearden

Company: PNM Gas Services

603 W. Elm

City, State: Farmington, NM 87401

Date:

9-Sep-97

COC No.:

5578

Sample No.: Job No.:

16050 2-1000

PNM Gas Services - Jicarilla B-8A Landfarm

Project Name: Project Location:

9709040930; 6pt. Composite RB

Date:

4-Sep-97 Time:

9:30

Sampled by: Analyzed by:

DC/HR

Date:

8-Sep-97

Sample Matrix:

Soil

Laboratory Analysis

Parameter	Results as	Unit of	Limit of	Unit of	
	Received	Measure	Quantitation	Measure	
Diesel Range Organics (C10 - C28)	77	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	206	2.7	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
Diesel Range (C10-C28)	95	85	(70-130)	10	20%

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

Approved by:



LAB: (505) 325-1556

ANALYTICAL REPORT

Attn: Denver Bearden

Date: 2

2-Sep-97

Company: *PNM Gas Services* Address: *603 W. Elm*

COC No.:

55**8**3

City, State: Farmington, NM 87401

Sample No.: Job No.: 15967 2-1000

Project Name:

PNM Gas Services - Jicarilla B-8A Landfarm

Project Location:

9708280817; 6pt. Composite

nposite Date:

28-Aug-97 Time:

8:17

Sampled by: Analyzed by: RB HR/DC

Date:

2-Sep-97

Sample Matrix:

Soil

Laboratory Analysis

Parameter	Results as	Unit of	Limit of	Unit of
	Received	Measure	Quantitation	Measure
Diesel Range Organics (C10 - C28)	114	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

DRO QC No.: 0548-STD

Continuing Calibration Verification

	Method	Unit of	True	Analyzed		RPD
Parameter	Blank	Measure	Value	Value	RPD	Limit
Diesel Range (C10 - C28)	ND	ppm	200	176	12.8	15%

Matrix Spike

-	1- Percent	2 - Percent			RPD
Parameter	Recovered	Recovered	Limit	RPD	Limit
Diesel Range (C10-C28)	84	80	(70-130)	6	20%

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

Approved by:
Date: 9/2/97