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*Approved*

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 ( <u>WFS</u> )		Telephone:	324-3764	
Address:	603 W. Elm Street Farmington, NM 87401				
Facility or Well Name:	<u>Jicarilla J14E Drip</u>				
Location:	Unit: <u>G</u>	Sec. <u>35</u>	T. <u>26 N</u>	R. <u>5 W</u>	County <u>Rio Arriba</u>
Pit Type:	Separator <u>    </u>	Dehydrator <u>    </u>	Other <u>Manual drip blowdown</u>		
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 <u>X</u> other <u>    </u>				
	Footage from reference: <u>244'</u>				
	Direction from reference: <u>22</u> Degrees <u>    </u> East North <u>X</u>				
	<u>X</u> West of South <u>    </u>				
Depth to Ground Water:	Less than 50 feet (20 points)				
(Vertical distance from contaminants to seasonal high water elevation of ground water)	50 feet to 99 feet (10 points)				
	Greater than 100 feet (0 points) <u>0</u>				
Wellhead Protection Area:	Yes (20 points)				
(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)	No (0 points) <u>0</u>				
Distance to Surface Water:	Less than 200 feet (20 points)				
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	200 feet to 1,000 feet (10 points)				
	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)				
(Horizontal distance to all downgradient streams having a width of at least 10 feet)	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)				
(Horizontal distance to all downgradient lakes, playas, and livestock or wildlife water ponds)	Greater than 100 feet (0 points) <u>0</u>				
RANKING SCORE (TOTAL POINTS):					<u>0</u>

Date Remediation Started: 9-22-98 Date Completed: 11/2/98

Remediation Method: Excavation X Approx. Cubic Yards 1350

(Check all appropriate sections)

Landfarmed \_\_\_\_\_ Amount Landfarmed (cubic yds): \_\_\_\_\_

Other staged on Right of Way awaiting disposition <sup>RAD</sup>

Remediation Location: Onsite \_\_\_\_\_ Offsite 1350 yds farmed on TTV landfarm Hwy. 537  
(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 100ppm headspace reading.  
Final excavation dimensions: 28' (N+S) x 42' (E+W) x 31' (D)

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 sidewalls and a three point composite sample of the bottom.

Sample depth 30' 31'

Sample date 9-24-98 Sample time 1320

**Sample Results**

Soil: Benzene (ppm) N/D Water: Benzene (ppb) \_\_\_\_\_

Total BTEX (ppm) .0012 Toluene (ppb) \_\_\_\_\_

Field headspace (ppm) \_\_\_\_\_ Ethylbenzene (ppb) \_\_\_\_\_

TPH 25.9 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

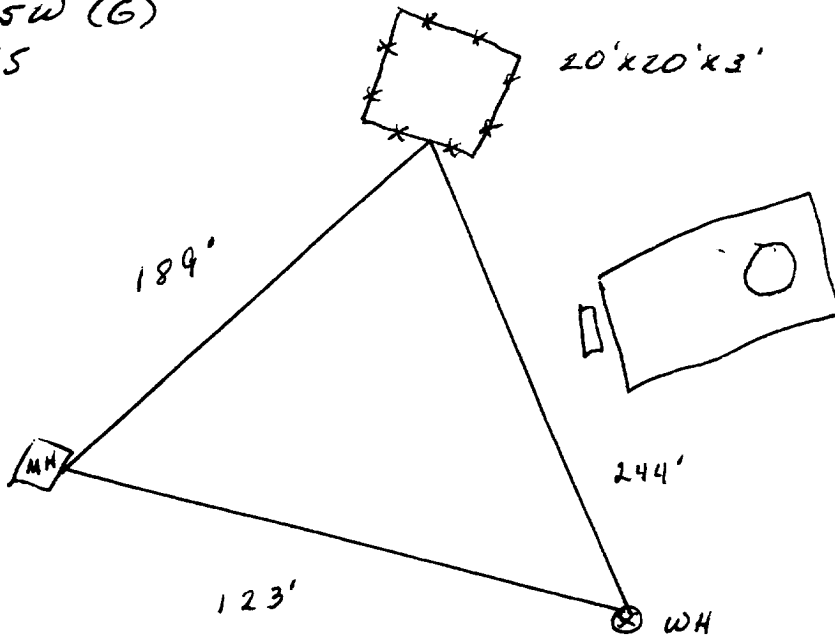
AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES X NO \_\_\_\_\_ (REASON): \_\_\_\_\_

SIGNED: Kee C Mault DATE: 11-2-98

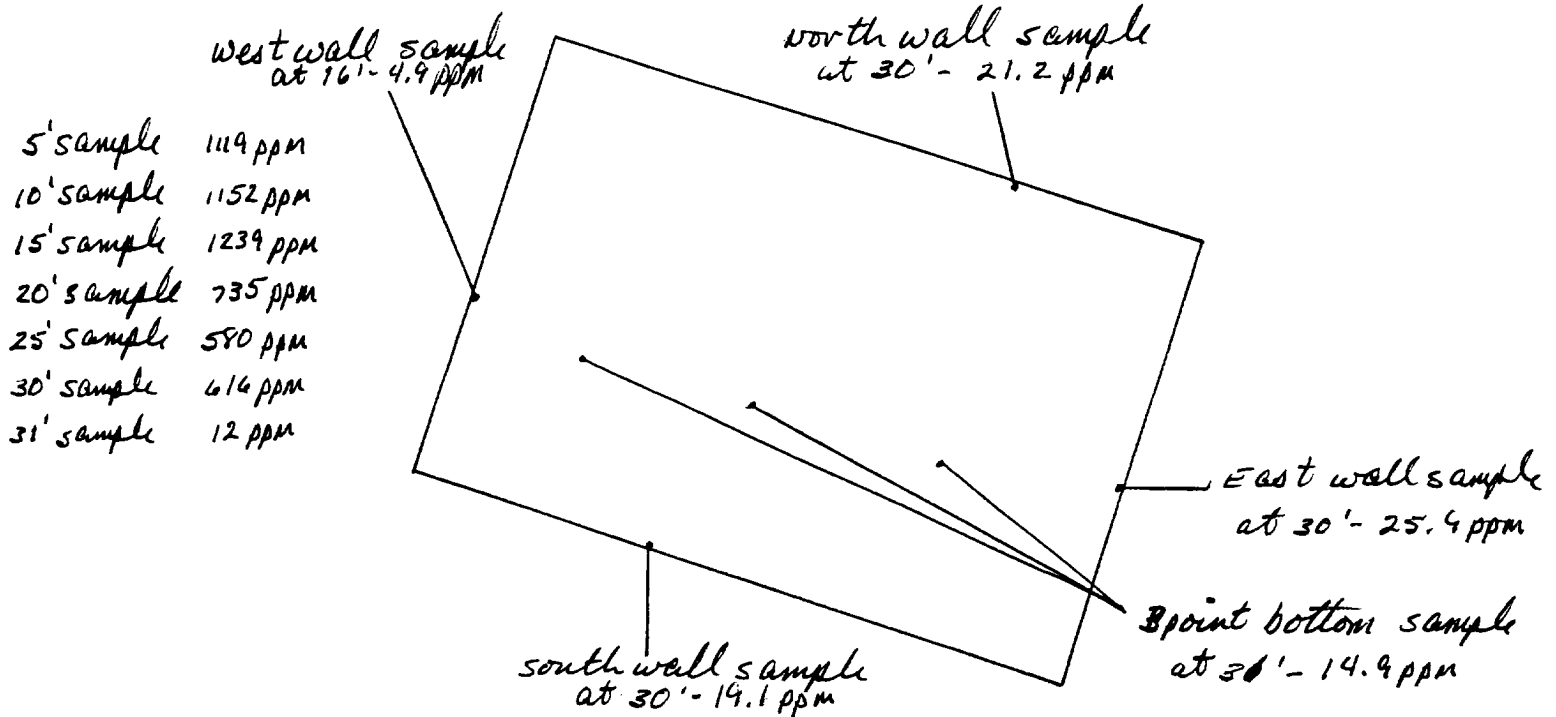
Jicarilla JHE Drip  
 35-26W-5W (G)  
~~Base~~ WFS

↑  
 N



Excavation Sampling

28'(N+S) x 42'(E+W) x 31'(D)



not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

# ANALYTICAL REPORT

Date: 08-Oct-98

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Jicarilla J14E Drip
<b>Work Order:</b>	9809066	<b>Client Sample ID:</b>	9809241315; 3pt. Bottom Comp
<b>Lab ID:</b>	9809066-01A	<b>Matrix:</b>	SOIL
<b>Project:</b>	Jicarilla J14E Drip	<b>Collection Date:</b>	9/24/98 1:15:00 PM
		<b>COC Record:</b>	5755

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015</b>				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	10/2/98
<b>BTEX</b>		<b>SW8020A</b>				Analyst: DC
Benzene	ND	1		µg/Kg	1	9/29/98
Toluene	ND	2		µg/Kg	1	9/29/98
Ethylbenzene	1.2	1		µg/Kg	1	9/29/98
m,p-Xylene	ND	2		µg/Kg	1	9/29/98
o-Xylene	ND	1		µg/Kg	1	9/29/98

1.2

.0012 ppm

<b>Qualifiers:</b>	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

1 of 1

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OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 08-Oct-98

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Jicarilla J14E Drip
<b>Work Order:</b>	9809066	<b>Client Sample ID:</b>	9809241320; 4 Wall Comp
<b>Lab ID:</b>	9809066-02A	<b>Matrix:</b>	SOIL
<b>Project:</b>	Jicarilla J14E Drip	<b>Collection Date:</b>	9/24/98 1:20:00 PM
		<b>COC Record:</b>	5755

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015</b>				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	9/28/98

<b>Qualifiers:</b>	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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