

District I  
P.O. Box 1980, Hobbs, NM

District II  
P.O. Drawer DD, Artesia, NM 88221

District III  
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco Street  
Santa Fe, New Mexico 87505

SUBMIT 1 COPY TO  
APPROPRIATE  
DISTRICT OFFICE  
AND 1 COPY TO  
SANTA FE OFFICE

**PIT REMEDIATION AND CLOSURE REPORT**

<b>Operator:</b> PNM Gas Services ( Burlington )		<b>Telephone:</b> 324-3764	
<b>Address:</b> 603 W. Elm Street Farmington, NM 87401			
<b>Facility or Well Name:</b> Hanks #11E			
<b>Location:</b>	Unit <u>E</u>	Sec <u>7</u>	T <u>27 N</u> R <u>9 W</u> County <u>San Juan</u>
<b>Pit Type:</b>	Separator <input type="checkbox"/>	Dehydrator <input checked="" type="checkbox"/>	Other _____
<b>Land Type:</b>	BLM <input checked="" type="checkbox"/>	State <input type="checkbox"/>	Fee <input type="checkbox"/> Other _____
<b>Pit Location:</b>	Pit dimensions: length <u>15</u> ' width <u>15</u> ' depth <u>2</u> '		
(Attach diagram)	Reference: wellhead <input checked="" type="checkbox"/> other _____		
	Footage from reference: <u>96</u> '		
	Direction from reference: <u>57</u> Degrees <input checked="" type="checkbox"/> East <input type="checkbox"/> West of North <input checked="" type="checkbox"/> South <input type="checkbox"/>		
<b>Depth to Ground Water:</b> <small>(Vertical distance from contaminants to seasonal high water elevation of ground water)</small>	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) ( 0 points)	<u>0</u>
<b>Wellhead Protection Area:</b> <small>(Less than 200 feet from a private domestic water source, or, less than 1,000 feet from all other water sources)</small>	Yes No	(20 points) ( 0 points)	<u>0</u>
<b>Distance to Surface Water:</b> <small>(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)</small>	Less than 200 feet 200 feet to 1,000 feet Greater than 1,000 feet	(20 points) (10 points) ( 0 points)	<u>0</u>
<b>RANKING SCORE (TOTAL POINTS) :</b>			<u>0</u>

Hanks #11E

Date Remediation Started: 07/12/1999 Date Completed: 07/12/1999

Remediation Method: Excavation X Approx. Cubic Yard 142  
(Check all appropriate sections) Landfarmed X Amount Landfarmed (cubic yds) 140  
Other 2 cu yds overburden

Remediation Location: Onsite \_\_\_\_\_ Offsite Tierra Environmental  
(i.e., landfarmed onsite, name and location of offsite facility)

Backfill Material Location: \_\_\_\_\_

## General Description of Remedial Action:

Excavated contaminated soil to a pit size of 25.5' X 25' X 6' and and transported soil to an offsite commercial landfarm.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_Ground Water Encountered: No ☒ Yes ☐ Depth \_\_\_\_\_

## Final Pit Closure Sampling:

Sample Location 5 pt. composite - bottom.  
\_\_\_\_\_

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

Sample depth 6'Sample date 07/12/1999 Sample time 2:35:00 PM

## Sample Results

Benzene (ppm) < 0.5Total BTEX (ppm) 20.9

Field headspace (ppm) \_\_\_\_\_

TPH (ppm) 130.00 Method 8015BVertical Extent (ft) \_\_\_\_\_ Risk Analysis form attached Yes ☐ No ☒Ground Water Sample: Yes ☐ No ☒ (If yes, see attached Groundwater Site Summary Report)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND MY BELIEF

DATE January 24, 2000

SIGNATURE

Maureen GannonPRINTED NAME **Maureen Gannon**  
AND TITLE **Project Manager**

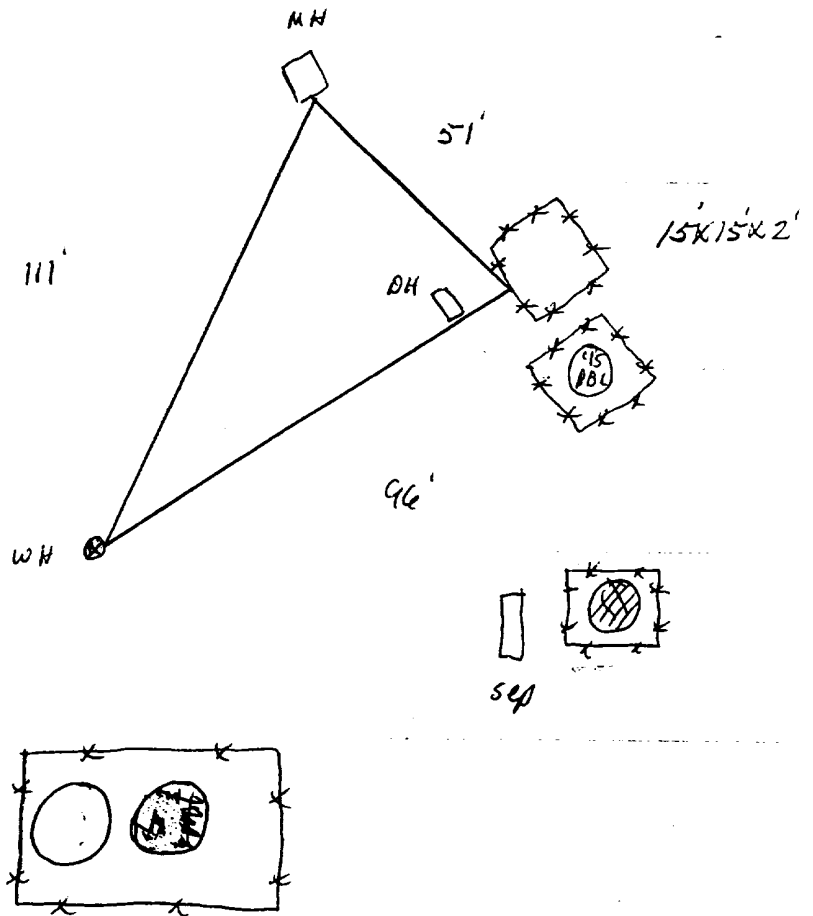
Hanks #11E

(E) 7-27~~1994~~

Burlington

7-12-94 at 1219

57° E of N



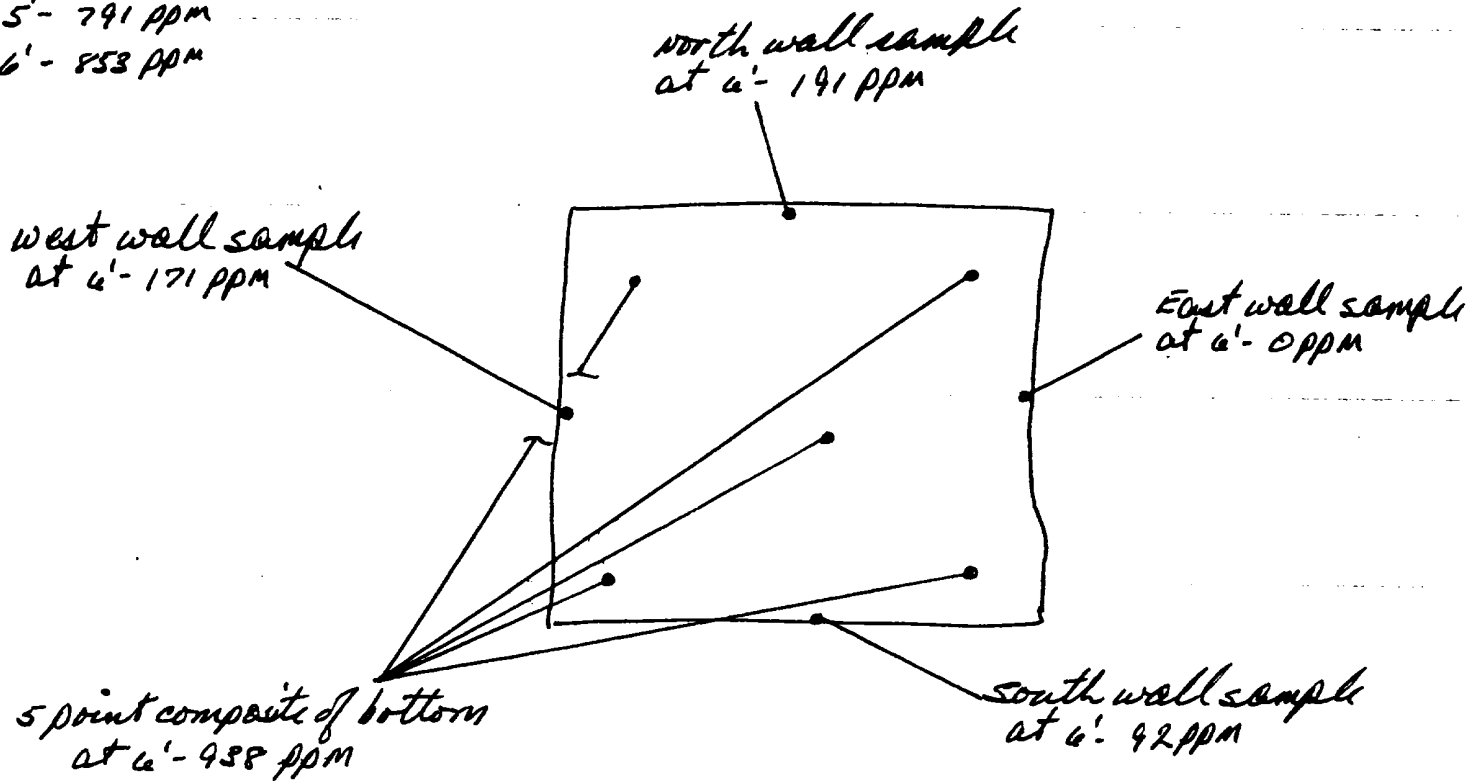
Excavation Sampling

PID Readings

5' - 791 ppm

6' - 853 ppm

25.5'(N+S) x 25'(E+W) x 4'(D)



not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

**On Site Technologies, LTD.**

Date: 28-Jul-99

**CLIENT:** PNM - Public Service Company of NM

**Project:** Hanks #13 East, #13 West, #11E

**Lab Order:** 9907029

## 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.

Ray

OFF: (505) 325-5667



LAB: (505) 325-1556

# ANALYTICAL REPORT

Date: 28-Jul-99

<b>Client:</b>	PNM - Public Service Company of NM	<b>Client Sample Info:</b>	Hanks #11E
<b>Work Order:</b>	9907029	<b>Client Sample ID:</b>	9907121435; 5pt. Bottom Comp
<b>Lab ID:</b>	9907029-05A	<b>Matrix:</b>	SOIL
<b>Project:</b>	Hanks #13 East, #13 West, #11E	<b>Collection Date:</b>	7/12/99 2:35:00 PM
		<b>COC Record:</b>	7647

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				
T/R Hydrocarbons: C10-C28	130	25		mg/Kg	1	Analyst: DC 7/23/99
<b>AROMATIC VOLATILES BY GC/PID</b>		<b>SW8021B</b>				
Benzene	ND	500		µg/Kg	500	Analyst: DC 7/16/99
Toluene	3200	1000		µg/Kg	500	7/16/99
Ethylbenzene	1500	500		µg/Kg	500	7/16/99
m,p-Xylene	13000	1000		µg/Kg	500	7/16/99
o-Xylene	3200	500		µg/Kg	500	7/16/99

20900  
20.9 ppm

## 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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- THIS REPORT IS VALID ONLY WHEN USED WITH THE ELUTION METHOD -

OFF: (505) 325-5667



LAB: (505) 325-1556

## ANALYTICAL REPORT

Date: 28-Jul-99

**Client:** PNM - Public Service Company of NM  
**Work Order:** 9907029  
**Lab ID:** 9907029-06A **Matrix:** SOIL  
**Project:** Hanks #13 East, #13 West, #11E

**Client Sample Info:** Hanks #11E  
**Client Sample ID:** 9907121440; 4 Wall Comp  
**Collection Date:** 7/12/99 2:40:00 PM  
**COC Record:** 7647

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
<b>DIESEL RANGE ORGANICS</b>		<b>SW8015B</b>				
T/R Hydrocarbons: C10-C28	75	25		mg/Kg	1	Analyst: DC 7/23/99
<b>AROMATIC VOLATILES BY GC/PID</b>		<b>SW8021B</b>				
Benzene	2.9	2		µg/Kg	2	Analyst: DC 7/16/99
Toluene	49	4		µg/Kg	2	7/16/99
Ethylbenzene	61	2		µg/Kg	2	7/16/99
o-Xylene	210	2		µg/Kg	2	7/16/99
<b>AROMATIC VOLATILES BY GC/PID</b>		<b>SW8021B</b>				
m,p-Xylene	370	10		µg/Kg	5	Analyst: DM 7/19/99

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1 of 1

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -