

District I
Berny & Trust
DEPUTY OIL & GAS INSPECTOR

District III
1000 Rio San Antonio, Santa Fe, NM 87505
SEP 08 1999

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

RECEIVED
JUL 30 1999

OIL CON. DIV.

DIST. 2

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

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Wright State Com #1

Location: Unit B Sec 36 T 32N R 13W County San Juan

Pit Type: Separator ☐ Dehydrator ☒ Other

Land Type: BLM ☐ State ☐ Fee ☒ Other

Pit Location: Pit dimensions: length 19' width 19' depth 3'

(Attach diagram) Reference: wellhead ☒ other

Footage from reference: 73'

Direction from reference: 87 Degrees ☐ East North ☒
of ☒ West South ☐

Depth to Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet	(20 points)	<u>0</u>
	50 feet to 99 feet	(10 points)	
	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 other water sources)	Yes	(20 points)	<u>0</u>
	No	(0 points)	

Distance to Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet	(20 points)	<u>0</u>
	200 feet to 1,000 feet	(10 points)	
	Greater than 1,000 feet	(0 points)	

RANKING SCORE (TOTAL POINTS): 0

Wright State Com #1

Date Remediation Started: 04/15/1999

Date Completed: 04/19/1999

Remediation Method:

Excavation ☒

Approx. Cubic Yard 689

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 689

Other

Remediation Location:

Onsite ☒

Offsite

(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 31' X 37.5' X 16' and landfarmed soil onsite within a bermed area at a depth of 6" to 12". Soil was aerated by disking/plowing until soil met regulatory levels.

Ground Water Encountered:

No



Yes



Depth

Final Pit Closure Sampling:

Sample Location

5 pt. Bottom composite.

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

Sample depth

16'

Sample date

04/19/1999

Sample time

11:55:00 AM

Sample Results

Benzene (ppm) < 0.005

Total BTEX (ppm) 0.148

Field headspace (ppm)

TPH (ppm) < 25.00

Method

8015B

Vertical 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 July 27, 1999

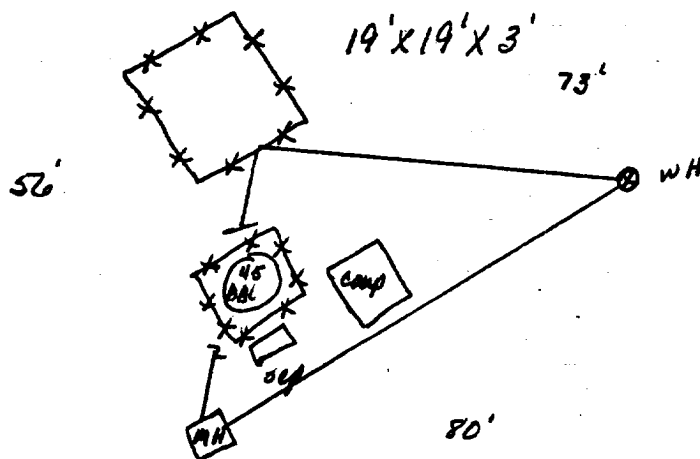
SIGNATURE

Maureen Gannon

PRINTED NAME Maureen Gannon
AND TITLE Project Manager

Wright State Com #,
 (B) 26-32N-13W
 Emergen Resources
 4-15-99

↑
 N

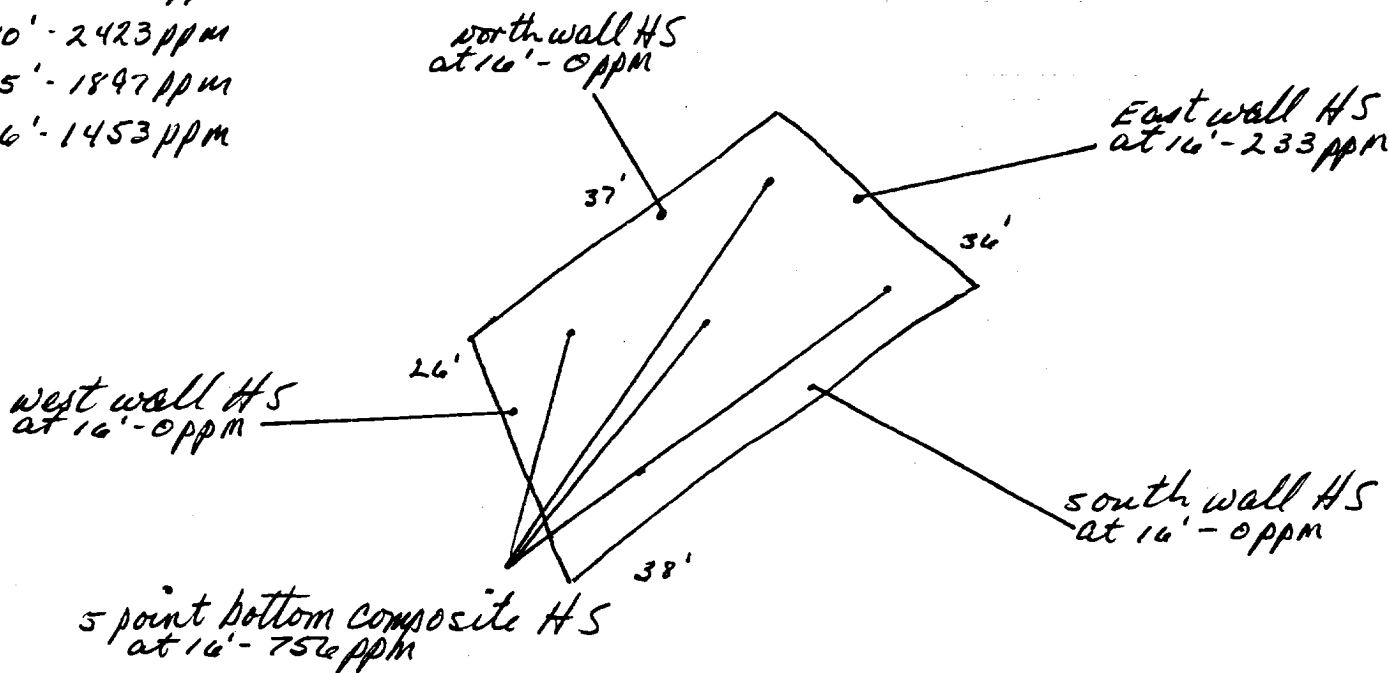


Excavation Sampling

31'(N+S) X 37.5'(E+W) X 16'(D)
 688.88 yds

PID Readings

5' - 2795 ppm
 10' - 2423 ppm
 15' - 1847 ppm
 16' - 1453 ppm



not to scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 04-May-99

CLIENT: PNM - Public Service Company of NM

Project: Wright State Com #1

Lab Order: 9904033

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:** 04-May-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Wright State Com #1
Work Order:	9904033	Client Sample ID:	9904191155; 5pt. Bottom Comp
Lab ID:	9904033-01A	Matrix:	SOIL
Project:	Wright State Com #1	Collection Date:	4/19/99 11:55:00 AM
		COC Record:	5789

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS						
	SW8015B					Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	4/29/99
AROMATIC VOLATILES BY GC/PID						
	SW8021B					Analyst: HR
Benzene	ND	5		µg/Kg	5	4/22/99
Toluene	14	10		µg/Kg	5	4/22/99
Ethylbenzene	13	5		µg/Kg	5	4/22/99
m,p-Xylene	85	10		µg/Kg	5	4/22/99
o-Xylene	36	5		µg/Kg	5	4/22/99

148
148 ppm

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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OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 04-May-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Wright State Com #1
Work Order:	9904033	Client Sample ID:	9904191205; 4 Wall Comp
Lab ID:	9904033-02A	Matrix:	SOIL
Project:	Wright State Com #1	Collection Date:	4/19/99 12:05:00 PM
		COC Record:	5789

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	25	25		mg/Kg	1	4/21/99

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

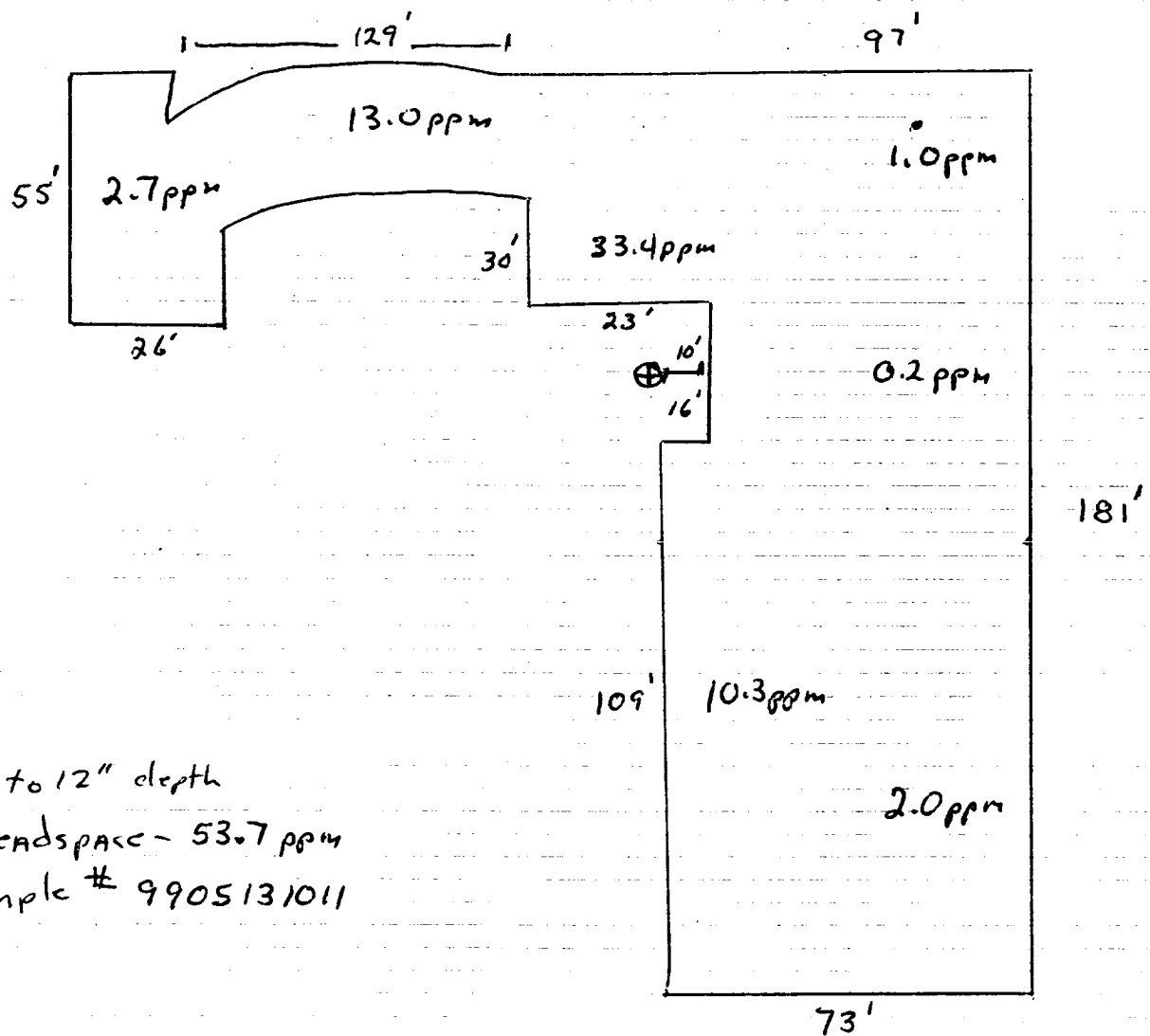
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Wright State Com #1
Sec-36 T-32N R-13W WL-B
Taurus (ENERGEN)

LAND FARM DRAWING
ON LOCATION App 688 cu yds



2" to 12" depth
Headspace - 53.7ppm
Sample # 9905131011

Not to Scale

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 21-May-99

CLIENT: PNM - Public Service Company of NM
Project: PNM Pit Remediation Landfarms
Lab Order: 9905053

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.

Roy

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 21-May-99

Client:	PNM - Public Service Company of NM	Client Sample Info:	Wright State Com #1 LF
Work Order:	9905053	Client Sample ID:	9905131011; 7pt Comp
Lab ID:	9905053-02A	Matrix:	SOIL
		Collection Date:	5/13/99 10:11:00 AM
Project:	PNM Pit Remediation Landfarms	COC Record:	7617

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015B				Analyst: DC
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	5/20/99

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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