

District I
P.O. Box 1980, Hobbs, NM
DEPUTY OIL & GAS INSPECTOR
P.O. Drawer DD, Artesia, NM 88221

District III
1000 Rio Brazos Rd., Aztec, NM 87410
DEC 17 1998

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco Street
Santa Fe, New Mexico 87505

04
SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

RECEIVED
JUL 31 1998

Approved

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

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Davis #7

Location: Unit D Sec 11 T 31 N R 12 W County San Juan

Pit Type: Separator ☐ Dehydrator ☒ Other _____

Land Type: BLM ☒ State ☐ Fee ☐ Other No

Pit Location: Pit dimensions: length 20 ' width 20 ' depth 3 '

(Attach diagram) Reference: wellhead ☒ other _____

Footage from reference: 85'

Direction from reference: 20 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)	
50 feet to 99 feet	(10 points)	
Greater than 100 feet	(0 points)	<u>10</u>

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)	
No	(0 points)	<u>0</u>

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>0</u>

RANKING SCORE (TOTAL POINTS): 10

Davis #7

Date Remediation Started: 5/19/98 Date Completed: 5/19/98Remediation Method: Excavation X Approx. Cubic Yard 22

(Check all appropriate sections)

Landfarmed X Amount Landfarmed (cubic yds) 22

Other _____

Remediation Location: Onsite X 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 10' X 10' X 6' 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 Bottom of excavation.

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

Sample depth 6'Sample date 5/19/98 Sample time 11:20:00 AM

Sample Results

Benzene (ppm) 0.0014Total BTEX (ppm) 0.0126

Field headspace (ppm) _____

TPH (ppm) < 25.00 Method 8015Vertical 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, 1998SIGNATURE Gary CookPRINTED NAME Gary Cook
AND TITLE Environmental Technician III

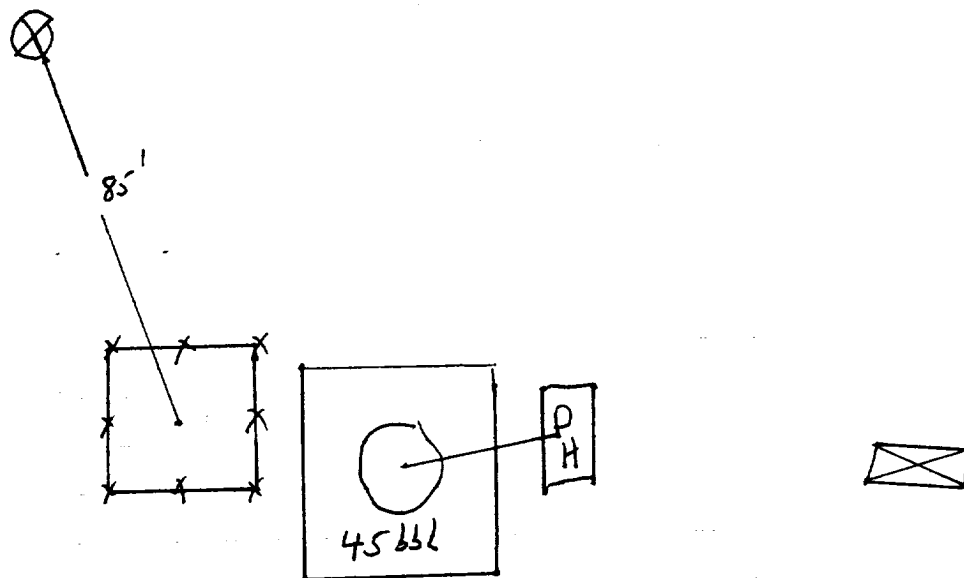
Davis # 7

5/19/98

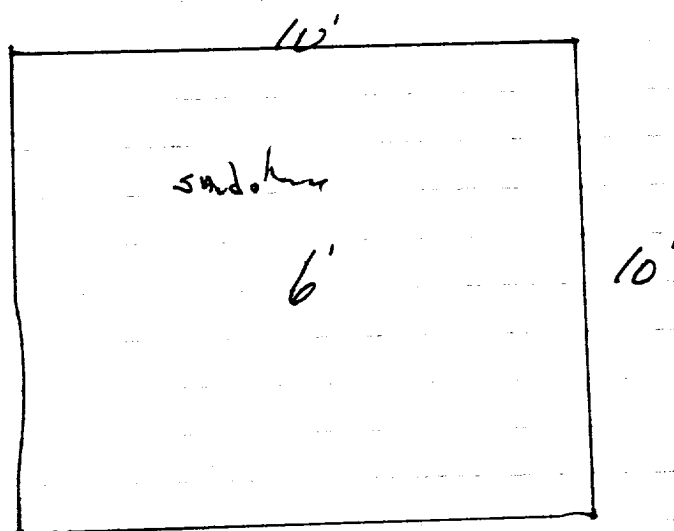
BR

Sec. 11, 31N, 12W, 0

start:



End of excavation



OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 28-May-98

CLIENT: PNM - Public Service Company of NM

Project: Davis #7

Lab Order: 9805058

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-May-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Davis #7
Work Order:	9805058	Client Sample ID:	9805191120; Bottom @ 6ft.
Lab ID:	9805058-01A	Matrix:	SOIL
Project:	Davis #7	Collection Date:	5/19/98 11:20:00 AM
		COC Record:	7223

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	5/26/98
BTEX		SW8020A				Analyst: HR
Benzene	1.4	1		µg/Kg	1	5/19/98
Toluene	4.6	2		µg/Kg	1	5/19/98
Ethylbenzene	ND	1		µg/Kg	1	5/19/98
m,p-Xylene	5.2	2		µg/Kg	1	5/19/98
o-Xylene	1.4	1		µg/Kg	1	5/19/98

12.6
0.0126 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

1 of 1

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OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 28-May-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Davis #7
Work Order:	9805058	Client Sample ID:	9805191130; Walls @ 4ft.
Lab ID:	9805058-02A	Matrix:	SOIL
Project:	Davis #7	Collection Date:	5/19/98 11:30:00 AM
		COC Record:	7223

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	ND	25		mg/Kg	1	5/26/98
BTEX		SW8020A				Analyst: HR
Benzene	ND	1		µg/Kg	1	5/19/98
Toluene	ND	2		µg/Kg	1	5/19/98
Ethylbenzene	ND	1		µg/Kg	1	5/19/98
m,p-Xylene	ND	2		µg/Kg	1	5/19/98
o-Xylene	ND	1		µg/Kg	1	5/19/98

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

1 of 1

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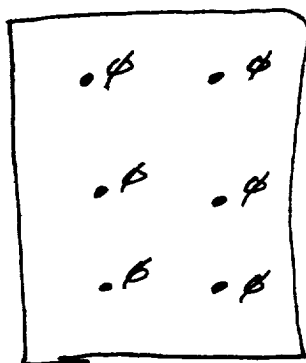
Davis # 7

BR

Sec 11, 31 N, 12 W, D

Landfarm:

25 yards



9806301000

2"-12" depth

soil vapor headspace = 1.3 ppm

OFF: (505) 325-5667

ON SITE
TECHNOLOGIES, LTD.

LAB: (505) 325-1556

Date: 07-Jul-98

On Site Technologies, LTD.

CLIENT: PNM - Public Service Company of NM
Project: Landfarms
Lab Order: 9806116

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: 07-Jul-98

Client: PNM - Public Service Company of NM
Work Order: 9806116
Lab ID: 9806116-05A
Project: Landfarms

Matrix: SOIL

Client Sample Info: Davis #7 LF

Client Sample ID: 9806301000; 6pt. Comp. 2-12in.

Collection Date: 6/30/98 10:00:00 AM

COC Record: 7307

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: DC
T/R Hydrocarbons: C10-C28	110	25		mg/Kg	1	6/30/98

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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