

Denny & Zant
District III
P.O. Box 1000, Hobbs, NM
DEPUTY OIL & GAS INSPECTOR
District III
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

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

OIL CONSERVATION DIVISION

2040 South Pacheco Street
Santa Fe, New Mexico 87505

PIT REMEDIATION AND CLOSURE REPORT

RECEIVED
JUL 31 1998
OIL CON. DIV.
DIST. 3

Operator: PNM Gas Services (Burlington) Telephone: 324-3764
Address: 603 W. Elm Street Farmington, NM 87401
Facility or Well Name: Davis #18
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 ☐

Pit Location: Pit dimensions: length 20 width 20 depth 3
(Attach diagram) Reference: wellhead ☒ other ☐
Footage from reference: 115'
Direction from reference: 70 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) 10

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) 0

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) 0

RANKING SCORE (TOTAL POINTS): 10

Davis #18

Date Remediation Started: 5/19/98

Date Completed: 5/19/98

Remediation Method: Excavation ☒

Approx. Cubic Yard 87

(Check all appropriate sections)

Landfarmed ☒

Amount Landfarmed (cubic yds) 87

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 13' X 15' X 12' 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 12'

Sample date 5/19/98

Sample time 10:30:00 AM

Sample Results

Benzene (ppm) 1.0000

Total BTEX (ppm) 3.5780

Field headspace (ppm) _____

TPH (ppm) 30.00

Method 8015

Vertical Extent (ft) _____

Risk Analysis form attached Yes ☐ No ☒

Ground Water Sample:

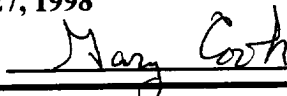
Yes ☐No ☒

(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, 1998

SIGNATURE



PRINTED NAME Gary Cook

AND TITLE Environmental Technician III

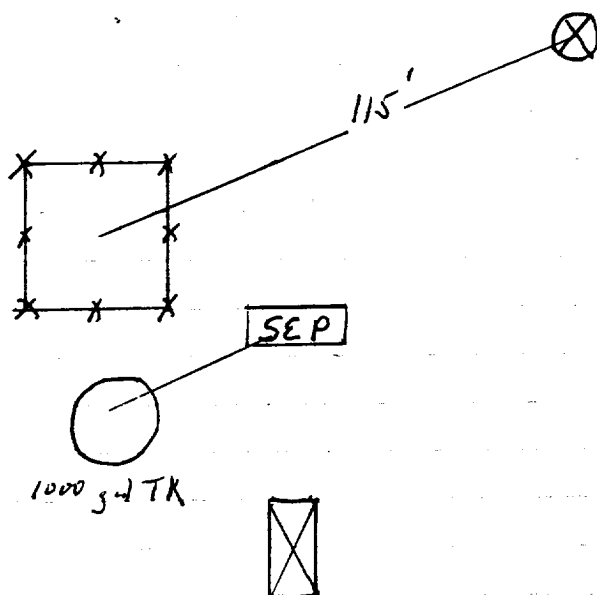
Davis # 18

5/19/98

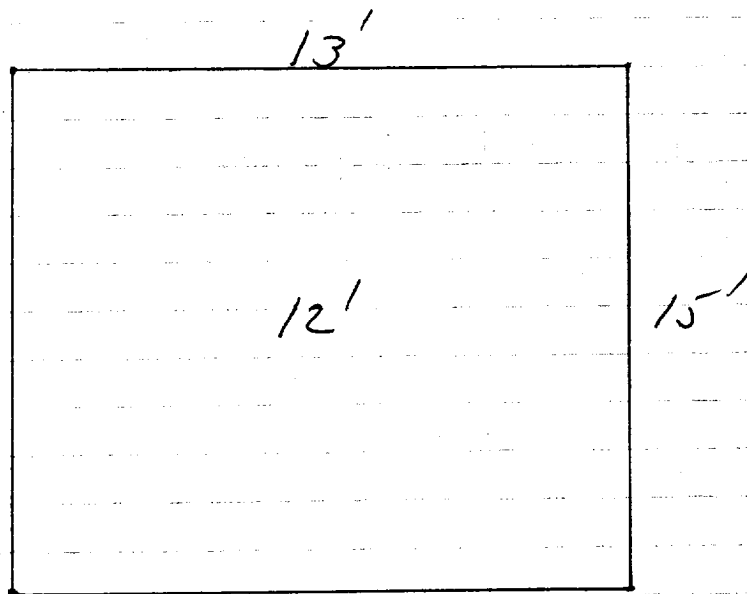
Burlington Resources

Sec. 11, 31 N, 12 W, D

Start of excavation:



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 #18
Lab Order: 9805057

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.



ON SITE
TECHNOLOGIES, LTD.

ANALYTICAL REPORT

Client: PNM - Public Service Company of NM
Work Order: 9805057
Lab ID: 9805057-01A **Matrix:** SOIL
Project: Davis #18

Client Sample Info: Davis #18
Client Sample ID: 9805191030; Bottom @ 12ft.
Collection Date: 5/19/98 10:30:00 AM
COC Record: 7222

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	30	25		mg/Kg	1	5/26/98
BTEX		SW8020A				Analyst: HR
Benzene	1000	25		µg/Kg	25	5/20/98
Toluene	1600	50		µg/Kg	25	5/20/98
Ethylbenzene	68	25		µg/Kg	25	5/20/98
m,p-Xylene	780	50		µg/Kg	25	5/20/98
o-Xylene	130	25		µg/Kg	25	5/20/98

3,578
3.578 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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- TEACHING OF BLENDING: A MINISTRY WITH THE ENGLISH LANGUAGE -

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 #18
Work Order:	9805057	Client Sample ID:	9805191035; Walls @ 8ft.
Lab ID:	9805057-02A	Matrix:	SOIL
Project:	Davis #18	Collection Date:	5/19/98 10:35:00 AM
		COC Record:	7222

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	1.3	1		µg/Kg	1	5/19/98
Toluene	2.9	2		µg/Kg	1	5/19/98
Ethylbenzene	ND	1		µg/Kg	1	5/19/98
m,p-Xylene	3	2		µg/Kg	1	5/19/98
o-Xylene	1	1		µg/Kg	1	5/19/98

8.2
0.0082 ppm

Qualifiers:

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- 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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- TECHNOLOGY BLENDED INDUSTRIES WITH THE ENVIRONMENT

Davis #18

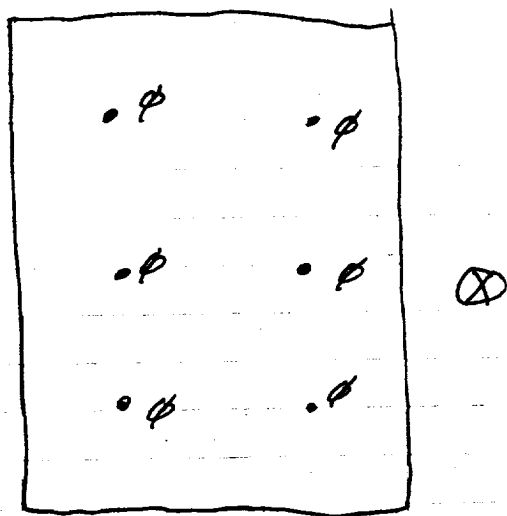
6/30/98

BR

Sec. 11, 31N, 12W, 0

Landfarm:

87 yards



9806300930

2"-12" depth

soil vapor headspace = 2.3 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

ON SITE

TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 07-Jul-98

Client:	PNM - Public Service Company of NM	Client Sample Info:	Davis #18 LF
Work Order:	9806116	Client Sample ID:	9806300930; 6pt. Comp. 2-12in.
Lab ID:	9806116-04A	Collection Date:	6/30/98 9:30:00 AM
Project:	Landfarms	COC Record:	7307
	Matrix: SOIL		

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: DC
T/R Hydrocarbons: C10-C28	120	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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