

Denny & East
District I
P.O. **DEPUTY OIL & GAS INSPECTOR**

District II
P.O. Drawer DD, Aztec, NM 88221
DEC 17 1998

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

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

Approved
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 #13

Location: Unit D Sec 1 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: 165'

Direction from reference: 25 Degrees ☒ East ☐ West of North ☒ 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 #13

Date Remediation Started: 5/18/98Date Completed: 5/18/98Remediation Method: Excavation XApprox. Cubic Yard 286

(Check all appropriate sections)

Landfarmed XAmount Landfarmed (cubic yds) 286

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 21' X 23' 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 Bottom of excavation.

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

Sample depth 18'Sample date 5/18/98 Sample time 8:50:00 AM

Sample Results

Benzene (ppm) < 0.0250Total BTEX (ppm) 3.1600

Field headspace (ppm) _____

TPH (ppm) 130.00 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

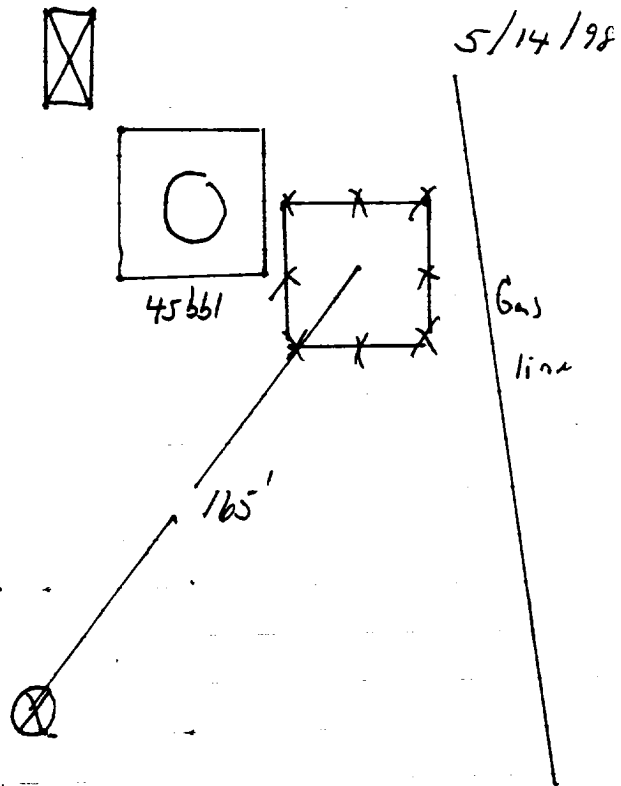
DATE July 27, 1998

SIGNATURE

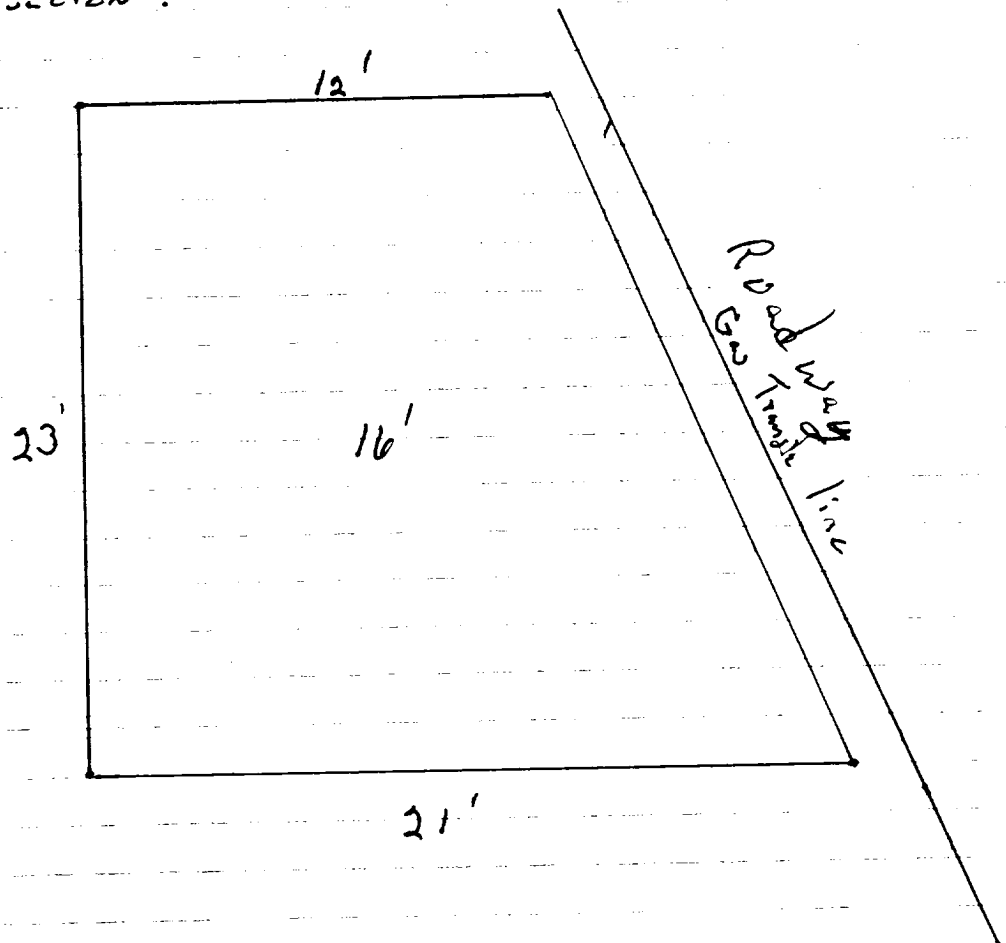
Gary CookPRINTED NAME Gary Cook
AND TITLE Environmental Technician III

Davis # 13
Burlington Resources
Sec. 1, 31 N, 12 W, 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 #13
Lab Order: 9805052

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 #13
Work Order:	9805052	Client Sample ID:	9805180850; Bottom @ 18ft.
Lab ID:	9805052-01A	Matrix:	SOIL
Project:	Davis #13	Collection Date:	5/18/98 8:50:00 AM
		COC Record:	7219

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: HR
T/R Hydrocarbons: C10-C28	130	25		mg/Kg	1	5/26/98
BTEX		SW8020A				Analyst: HR
Benzene	ND	25		µg/Kg	25	5/20/98
Toluene	ND	50		µg/Kg	25	5/20/98
Ethylbenzene	210	25		µg/Kg	25	5/20/98
m,p-Xylene	2200	50		µg/Kg	25	5/20/98
o-Xylene	750	25		µg/Kg	25	5/20/98

3160
3.16 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

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 28-May-98

Client: PNM - Public Service Company of NM
Work Order: 9805052
Lab ID: 9805052-02A **Matrix:** SOIL
Project: Davis #13

Client Sample Info: Davis #13
Client Sample ID: 9805180900; Walls @ 14ft.
Collection Date: 5/18/98 9:00:00 AM
COC Record: 7219

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	2.1	2		µg/Kg	1	5/19/98
Ethylbenzene	ND	1		µg/Kg	1	5/19/98
m,p-Xylene	3.7	2		µg/Kg	1	5/19/98
o-Xylene	1.3	1		µg/Kg	1	5/19/98

7.1
0.007 ppm

Qualifiers:

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1 of 1

Davis #13

6/30/98

BR

Sec. 1, 31N, 12W, C

Landfarm:

286 yards



26.1	φ	6.9
11.7	5.2	11.3

9806300800

2"-12" depth

soil vapor head space = 57.1 ppm

ON SITE

LAB: (505) 325-1556

OFF: (505) 325-5667

TECHNOLOGIES, LTD.

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	Client Sample Info:	Davis #13 LF
Work Order:	9806116	Client Sample ID:	9806300800; 6pt. Comp. 2-12in
Lab ID:	9806116-01A	Matrix:	SOIL
Project:	Landfarms	Collection Date:	6/30/98 8:00:00 AM
		COC Record:	7307

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
DIESEL RANGE ORGANICS		SW8015				Analyst: DC
T/R Hydrocarbons: C10-C28	250	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

P.O. BOX 2606 • FARMINGTON, NM 87499