

District I
P.O. Box 198, Hobbs, NM

District II
P.O. Drawer 1, 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

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APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

OIL CON. DIV.
JUL 3

OCT 11 9 1996

PIT REMEDIATION AND CLOSURE REPORT

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

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Linda Nye #1 Drip

Location: Unit: B Sec. 20 T. 30 N R. 8 W County San Juan

Pit Type: Separator Dehydrator Other Drip

Land Type: BLM ☒ State Fee Other No

Pit Location: Pit dimensions: length 9 width 5 depth 1

(Attach diagram) Reference: wellhead ☒ other

Footage from reference: 243'

Direction from reference: 180 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>20</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): 20

Date Remediation Started: 9/28/94 **Date Completed:** 11/16/94

Remediation Method: Excavation X Approx. Cubic Yard 156

(Check all appropriate sections)

Landfarmed X Amount Landfarmed (cubic yds) 156

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 and landfarmed soil onsite within a bermed area at a depth of 6" to 12". Soil will be aerated by plowing/disking until soil meets regulatory levels.

Ground Water Encountered: No ☒ Yes ☐ Depth _____

Final Pit Closure Sampling:

Sample Location Center of pit bottom

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

Sample depth 13'

Sample date 11/16/94 Sample time 11:00:00 AM

Sample Results

Benzene (ppm) ND

Total BTEX (ppm) 0.0315

Field headspace (ppm) _____

TPH ND Method 418.1

Vertical Extent (ft) _____ Risk Assessment form attached Yes ☐ No ☒

Ground Water Sample: Yes ☐ No ☒ (If yes, attach sample results)

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

DATE

7-26-96

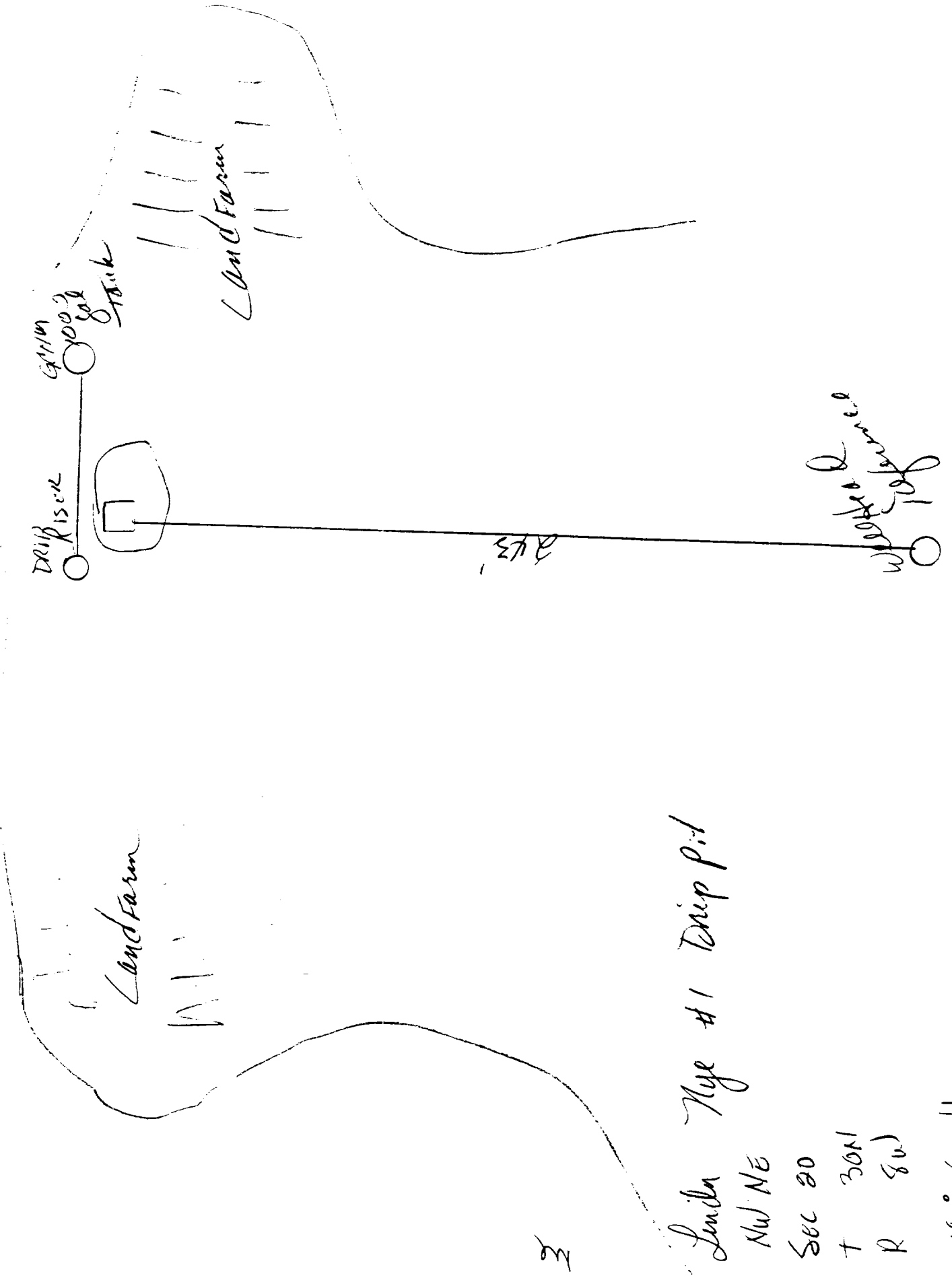
SIGNATURE

Renner Bearden

PRINTED NAME
AND TITLE

5

6



Land Type #1 Drip Pit

NW NE

Sec 20

T 30N

R 8W

180° South

TOTAL PETROLEUM HYDROCARBONS
EPA Method 418.1

Gas Company of New Mexico

Project ID: Pit Pilot Project
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

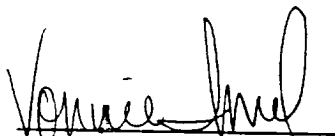
Report Date: 11/28/94
Date Sampled: 11/16/94
Date Received: 11/16/94
Date Extracted: 11/23/94
Date Analyzed: 11/23/94

Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
Linda Nye 1 4S	0452	159 ✓	25.0
Linda Nye 1 Drip 6 - S	0454	ND	24.1

ND- Analyte not detected at the stated detection limit.

Reference: Method 3550 - Sonication Extraction; Test Methods for Evaluating Solid Waste, SW-846, United States Environmental Protection Agency, September, 1986;
Method 418.1 - Petroleum Hydrocarbons, Total Recoverable; Chemical Analysis of Water and Waste, United States Environmental Protection Agency, 1978.

Comments:


Analyst


Review

VOLATILE AROMATIC HYDROCARBONS

Gas Company of New Mexico

Project ID:	Pit Pilot Project	Report Date:	11/28/94
Sample ID:	Linda Nye 1 - Drip - 6 - S	Date Sampled:	11/16/94
Lab ID:	0454	Date Received:	11/16/94
Sample Matrix:	Soil	Date Extracted:	11/21/94
Preservative:	Cool	Date Analyzed:	11/21/94
Condition:	Intact		

Target Analyte	Concentration (ug/kg)	Detection Limit (ug/kg)
Benzene	ND	9.06
Toluene	9.90	9.06
Ethylbenzene	ND	9.06
m,p-Xylenes	21.6	18.1
o-Xylene	ND	9.06

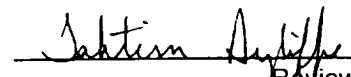
ND - Analyte not detected at the stated detection limit.

Quality Control:	Surrogate	Percent Recovery	Acceptance Limits
	Trifluorotoluene	97	81 -117%
	Bromofluorobenzene	101	74 -121%

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics;
Test Methods for Evaluating Solid Wastes, SW-846, United States
Environmental Protection Agency, Final Update I, July, 1992.

Comments:


Analyst


Review

TOTAL PETROLEUM HYDROCARBONS
EPA Method 418.1

Gas Company of New Mexico

Project ID: Pit Pilot Project
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

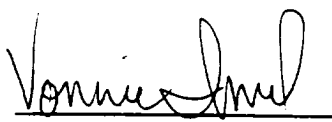
Report Date: 11/28/94
Date Sampled: 11/16/94
Date Received: 11/16/94
Date Extracted: 11/22/94
Date Analyzed: 11/22/94

Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
Linda Nye 1 5 LF	0453	343	84.3
Linda Nye 1 Drip 7LF	0455	ND	23.9

ND- Analyte not detected at the stated detection limit.

Reference: Method 3550 - Sonication Extraction; Test Methods for Evaluating Solid Waste, SW-846, United States Environmental Protection Agency, September, 1986;
Method 418.1 - Petroleum Hydrocarbons, Total Recoverable; Chemical Analysis of Water and Waste, United States Environmental Protection Agency, 1978.

Comments:


Analyst


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VOLATILE AROMATIC HYDROCARBONS

Gas Company of New Mexico

Project ID:	Pit Pilot Project	Report Date:	11/28/94
Sample ID:	Linda Nye 1 - Drip - 7LF	Date Sampled:	11/16/94
Lab ID:	0455	Date Received:	11/16/94
Sample Matrix:	Soil	Date Extracted:	11/21/94
Preservative:	Cool	Date Analyzed:	11/21/94
Condition:	Intact		

Target Analyte	Concentration (ug/kg)	Detection Limit (ug/kg)
Benzene	ND	9.60
Toluene	ND	9.60
Ethylbenzene	ND	9.60
m,p-Xylenes	ND	19.2
o-Xylene	ND	9.60

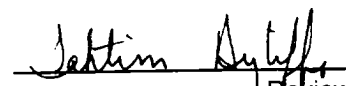
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