

District I
P O Box 1980, Hobbs, NM

District II
P O Drawer DD, Artesia, 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

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

DEPUTY OIL & GAS INSPECTOR

MAR 28 1997

PIT REMEDIATION AND CLOSURE REPORT

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

Address: 603 W. Elm Street Farmington, NM 87401

Facility or Well Name: Linda Nye #1A

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

Pit Type: Separator ☒ Dehydrator ☒ Other

Land Type: BLM ☒ State Fee Other

Pit Location: Pit dimensions: length 14 width 16 depth 4

(Attach diagram) Reference: wellhead ☒ other

Footage from reference: 151

Direction from reference: 45 Degrees ☒ East North

 West of 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>0</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>10</u>

RANKING SCORE (TOTAL POINTS) : 10

Date Remediation Started:	<u>9/19/94</u>	Date Completed:	<u>11/16/94</u>
Remediation Method:	Excavation <u>X</u>	Approx. Cubic Yard	<u>259</u>
(Check all appropriate sections)	Landfarmed <u>X</u>	Amount Landfarmed (cubic yds)	<u>259</u>
	Other _____		
Remediation Location:	Onsite <u>X</u>	Offsite	_____
(i.e., landfarmed onsite, name and location of offsite facility)			
Backfill Material Location:	_____		
General Description of Remedial Action:			
Excavated contaminated soil to pit size of 20'x25'x14' 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 <u><input checked="" type="checkbox"/></u>	Yes <u><input type="checkbox"/></u>	Depth _____

Final Pit Closure Sampling:	Sample Location	<u>Center of pit bottom</u>	
(if multiple samples, attach sample result and diagram of sample locations and depths.)	Sample depth	<u>14'</u>	
	Sample date	<u>11/16/94</u>	Sample time <u>2:00:00 PM</u>
	Sample Results		
	Benzene (ppm)	<u>ND</u>	
	Total BTEX (ppm)	<u>0.3790</u>	
	Field headspace (ppm)	_____	
	TPH	<u>129.0</u>	Method <u>418.1</u>
Vertical Extent (ft) _____	Risk Assessment form attached		Yes <u><input checked="" type="checkbox"/></u> No <u><input type="checkbox"/></u>
Ground Water Sample:	Yes _____	No <u><input checked="" type="checkbox"/></u>	(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 January 22, 1997

SIGNATURE

Denver Bearden

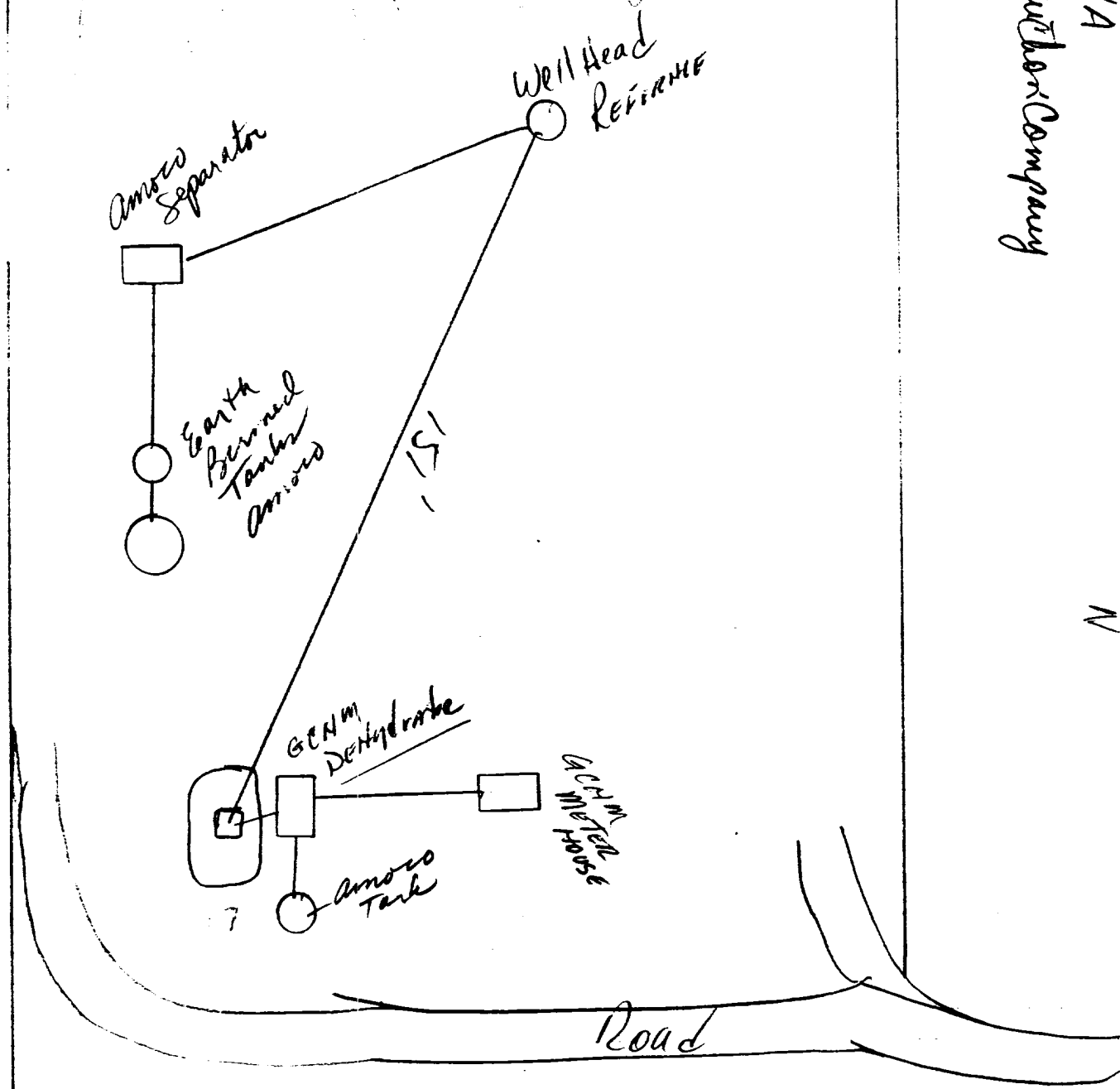
PRINTED NAME
AND TITLE

Denver Bearden
Administrator III

Linda Nye 1A
 Amoco Production Company
 Unit B
 NW 4 NW 4

Sec 20
 T 30N
 R 8W

LAND FARM



W

W

VOLATILE AROMATIC HYDROCARBONS

Gas Company of New Mexico

Project ID:	Pit Pilot Project	Report Date:	11/28/94
Sample ID:	Linda Nye 1A - 9 - S	Date Sampled:	11/16/94
Lab ID:	0446	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	9.73
Toluene	33.0	9.73
Ethylbenzene	ND	9.73
m,p-Xylenes	189	19.5
o-Xylene	157	9.73

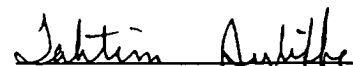
ND - Analyte not detected at the stated detection limit.

Quality Control:	<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Acceptance Limits</u>
	Trifluorotoluene	101	81 -117%
	Bromofluorobenzene	108	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

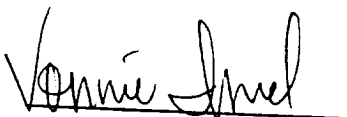
Report Date: 11/28/94
Date Sampled: 11/16/94
Date Received: 11/16/94
Date Extracted: 11/23/94
Date Analyzed: 11/23/94

Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
Linda Nye 1A 9 - S	0446	129	25.0
Linda Nye 1A 8LF	0447	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 1A - 8LF	Date Sampled:	11/16/94
Lab ID:	0447	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	9.92
Toluene	ND	9.92
Ethylbenzene	ND	9.92
m,p-Xylenes	25.2	19.8
o-Xylene	ND	9.92

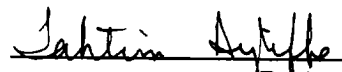
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	Trifluorotoluene	103	81 -117%
	Bromofluorobenzene	104	74 -121%

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics;
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Comments:


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