

District I

P.O. Box 190, Hobbs, NM

District II

P.O. Box 809, Farmington, NM 87499

District III

1000 Rio Brazos Rd., Santa Fe, NM 87504

11/18/99

State of New Mexico

Energy, Minerals and Natural Resources Department

DEPUTY OIL & GAS INSPECTOR

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

(Revised 3/9/94)

PIT REMEDIATION AND CLOSURE REPORT

Operator: NASSAU RESOURCES, INC. Telephone: 505 326-7793

Address: P O Box 809, Farmington, NM 87499-0809

Facility Or: Arboles 29 A #1, Pit #1
Well Name

Location: Unit or Qtr/Qtr Sec K Sec 29 T 32N R 04W County Rio Arriba

Pit Type: Separator Dehydrator Other Tanks

Land Type: BLM State, Fee Other USFS

Pit Location: Pit dimensions: length 12', width 12', depth 5'
(Attach diagram)

Reference: wellhead XX, other

Footage from reference: 50'

Direction from reference: 180 Degrees East North XX 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) 0

Wellhead Protection Area:
(Less than 200 feet from a private
domestic water source, or; less than
1000 feet from all other water sources)

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Yes (20 points)
No (0 points) 0

OIL CON. DIV.
DIST. 3

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 1000 feet (10 points)
Greater than 1000 feet (0 points) 0

RANKING SCORE (TOTAL POINTS):

-0-

Date Remediation Started: _____ Date Completed: _____

Remediation Method: Excavation _____ Approx. cubic yards _____
(Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____
Other _____

Remediation Location: Onsite _____ Offsite _____
(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: _____

Ground Water Encountered: No _____ Yes _____ Depth _____

Final Pit:
Closure Sampling:
(if multiple samples,
attach sample results
and diagram of sample
locations and depths)

Sample location Tanks Pit #1 - See attached.

Sample depth 3'

Sample date 10/23/96 Sample time 10:30 AM

Sample Results

Benzene(ppm) 0.23

Total BTEX(ppm) 0.23

Field headspace(ppm) N = 1.8, S = 1.0, E = 2.2, W = 2.3,
TPH 20.6 C = 1.9

Ground Water Sample: Yes _____ No XX (If yes, attach sample results)

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

Pit closed 11/14/96.

DATE 11/18/96

SIGNATURE *Fran Perrin*

PRINTED NAME
AND TITLE

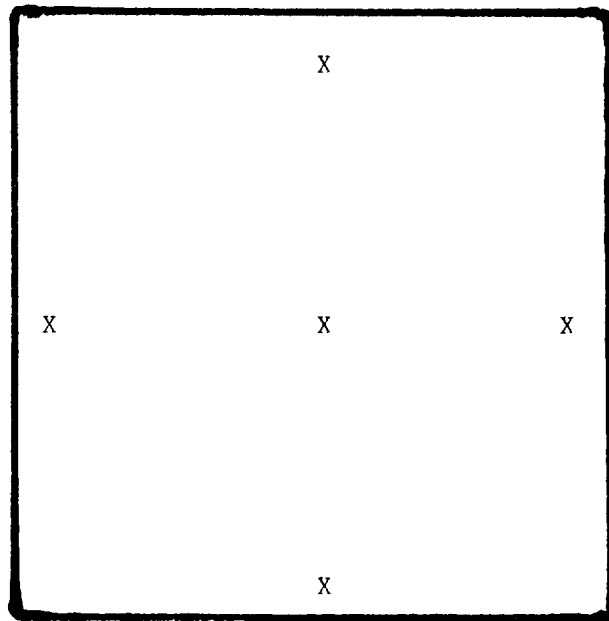
Fran Perrin, Regulatory Liaison

SAMPLE DIAGRAM

WELL NAME Arboles 29 A #1, Pit #1
TYPE OF PIT Tanks pit

Pit size is 12' x 12' x 5'.
Samples were taken 3' below pit surface.
Sample locations were 2' from each pit side,
centered on the pit side and in the center of the pit.

Pit is 50' west of well head.



X = SAMPLING POINT

NOT DRAWN TO SCALE

JP



Organic Analysis - Pit Closure

Nassau Resources, Inc.

Project ID: Pit Closures
Sample ID: Arboles 29 A1; Pit #1
Lab ID: 5462
Sample Matrix: Soil
Preservative: Cool
Condition: Intact

Report Date: 11/01/96
Date Sampled: 10/23/96
Date Received: 10/24/96
Date Extracted: 10/29/96
Date Analyzed: 10/29/96

Target Analyte	Concentration (mg/kg)	Detection Limit (mg/kg)
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Total Aromatic Hydrocarbons

	ND	
Benzene	ND	0.23
Toluene	ND	0.23
Ethylbenzene	ND	0.23
m,p-Xylenes	ND	0.23
o-Xylene	ND	0.23

Total Petroleum Hydrocarbons

	ND	
C ₆ - C ₁₀	ND	20.6
C ₁₀ - C ₂₈	ND	19.6

Quality Control:	<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Acceptance Limits</u>
	Trifluorotoluene	95	81 - 117%
	o-Terphenyl	69	50 - 150%

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.

Method for the Determination of Gasoline Range Organics,
State of Tennessee, Department of Environment and Conservation, Division
of Underground Storage Tanks.

Comments:

Jerome P. McHugh
Farmington, N.M.

10/29/96

Analyst

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Review

OK per Denny,
DCD