

District I

P.O. Box 1980, Hobbs, NM

District II

P.O. Drawer DD, Artesia, NM 88211

District III

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources DepartmentSUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE**OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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NOV 27 1996

(Revised 3/9/94)

MAR 18 1997

**PIT REMEDIATION AND CLOSURE REPORT DIV.
DIST. 3**Operator: NASSAU RESOURCES, INC. Telephone: 505 326-7793Address: P O Box 809, Farmington, NM 87499-0809Facility Or: Arboles 20 A #1Y well
Well NameLocation: Unit or Qtr/Qtr Sec L Sec 20 T 32N R 04W County Rio ArribaPit Type: Separator XX Dehydrator Other Land Type: BLM , State , Fee , Other USFSPit Location: Pit dimensions: length 12', width 12', depth 5'
(Attach diagram)Reference: wellhead XX, other Footage from reference: 60'Direction from reference: 30° Degrees East North
East of 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) 0**Wellhead Protection Area:**(Less than 200 feet from a private
domestic water source, or; less than
1000 feet from all other water sources)Yes (20 points)
No (0 points) 20**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):**20

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 Separator pit - see attached.

Sample depth 3'

Sample date 10/23/96 Sample time 12:00 noon

Sample Results

Benzene (ppm) 0.25

Total BTEX (ppm) 0.25

Field headspace (ppm) N = 3.8, S = 3.7, E = 7.5, W = 5.1
C = 11.4

TPH 22.4

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

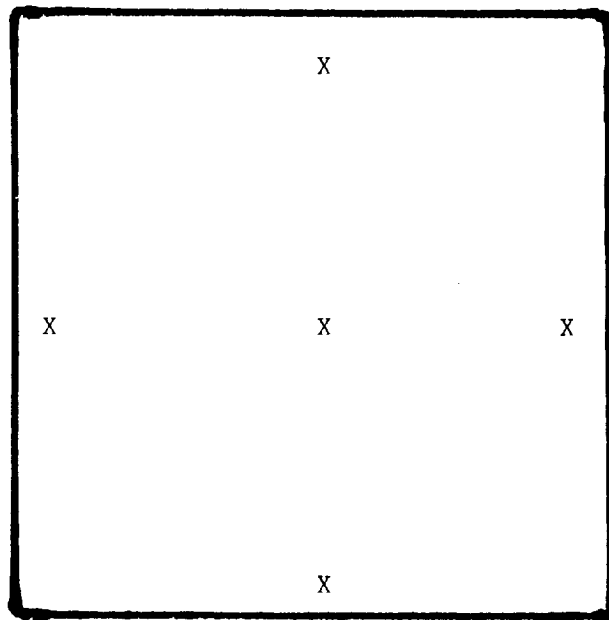
Fran Perrin, Regulatory Liaison

SAMPLE DIAGRAM

WELL NAME Arboles 20 A #1Y
TYPE OF PIT Separator

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 approx. 60' N NE (30° E of N) of the well head
and aprox. 800' SE of a water supply well.



X = SAMPLING POINT

NOT DRAWN TO SCALE

JP

Organic Analysis - Pit Closure

Nassau Resources, Inc.

Project ID:	Pit Closures	Report Date:	11/01/96
Sample ID:	Arboles 20 A1 - Composite	Date Sampled:	10/23/96
Lab ID:	5467	Date Received:	10/24/96
Sample Matrix:	Soil	Date Extracted:	10/29/96
Preservative:	Cool	Date Analyzed:	10/29/96
Condition:	Intact		

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

	ND	
Benzene	ND	0.25
Toluene	ND	0.25
Ethylbenzene	ND	0.25
m,p-Xylenes	ND	0.25
o-Xylene	ND	0.25

Total Petroleum Hydrocarbons

	ND	
C ₆ - C ₁₀	ND	22.4
C ₁₀ - C ₂₈	ND	19.5

Quality Control:	Surrogate	Percent Recovery	Acceptance Limits
	Trifluorotoluene	**	81 - 117%
	o-Terphenyl	82	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: Omitted surrogate. Reshot on 10/31/96, confirming ND.


Analyst

Jerome P. McHugh
Farmington, N.M.

10/31/96


Review

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OK per Denny
OCD