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 Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

OK

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

OCT 2000

PIT REMEDIATION AND CLOSURE REPORT

Operator: JN Exploration & Production LP (Colt Resources) Telephone: 406-248-2222

Address: P.O. Box 7167; Billings, Montana 59103

Facility Or: Miller Gas Com B-1
Well Name

Location: Unit or Qtr/Qtr Sec SE SE P Sec 20 T30N R13W County San Juan, New Mexico

Pit Type: Separator X Dehydrator ___ Other ___

Land Type: BLM ___, State X, Fee ___, Other ___ / Wildlife Refuge

Pit Location: (Attach diagram)
Pit dimensions: length 15', width 12', depth 24'
Reference: wellhead X, other ___
Footage from reference: 260
Direction from reference: 15° Degrees ___ East North X of X 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)	10
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)	0
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):	10

Date Remediation Started: 6.19.98 **Dated Completed:** 6.23.98

Remediation Method: (Check all appropriate sections)
Excavation X Approx. cubic yards 144 cy.
Landfarmed X Insitu Bioremediation ___
Other ___

Remediation Location: (ie. landfarmed onsite, name and location of offsite facility)
Onsite ___ Offsite ENVIROTECH LANDFARM #2

General Description Of Remedial Action: EXCAVATE SANDY separator pit ADJACENT to SEPARATOR; Soil transported ENVIROTECH landfarm #2 for remediation. BACKFILLED with soil generated on the location Screening conducted by Headspace using Organic Vapor Meter. Excavation required bench to reach bottom contamination @ ± 24' BNG; SIDE WALLS ND with OVM.

Ground Water Encountered: No X Yes ___ Depth ___

Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)
Sample location 5 pt. Composite from bottom.
Sample depth 24'
Sample date 6.23.98 Sample time 13:15
Sample Results
Benzene(ppm) ND
Total BTEX(ppm) .333ppm
Field headspace(ppm) 125 ppm.
TPH 14.4 ppm

Ground Water Sample: Yes ___ No X (If yes, attach sample results)

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

DATE 10.26.00

SIGNATURE Harlan M. Brown PRINTED NAME AND TITLE HARLAN M. BROWN GEOLOGIST / HYDROGEOLOGIST

1 of 2

ENVIROTECH Inc.

5796 US HWY. 64, FARMINGTON, NM 87401
(505) 632-0615

PIT NO: _____

C.O.C. NO: 6135

FIELD REPORT: SITE ASSESSMENT

JOB No: 98056
PAGE No: ___ of ___

PROJECT: PIT ASSESSMENT
CLIENT: JN Exploration
CONTRACTOR: ENVIROTECH, INC.
EQUIPMENT USED: KOMATSU EXCAVATOR

DATE STARTED: 6-19-98
DATE FINISHED: _____
ENVIRO. SPCLT: HmB
OPERATOR: SR
ASSISTANT: DW

LOCATION: LEASE: WELL: Miller B-1 QD: 840 FSL 790 FEL
SEC: 20 TWP: T30N RNG: R13W PM: NM CNTY: SJ. ST: NM PIT: Separator
SESE
LAND USE: RANGE
SURFACE CONDITIONS:

PIT CENTER IS LOCATED APPROXIMATELY 260 FEET NNW OF WELLHEAD.

OVM. INCREASE TO ± 18', decline 18-24' where 5 pt. bottom sample collected.

FIELD 418.1 CALCULATIONS

SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

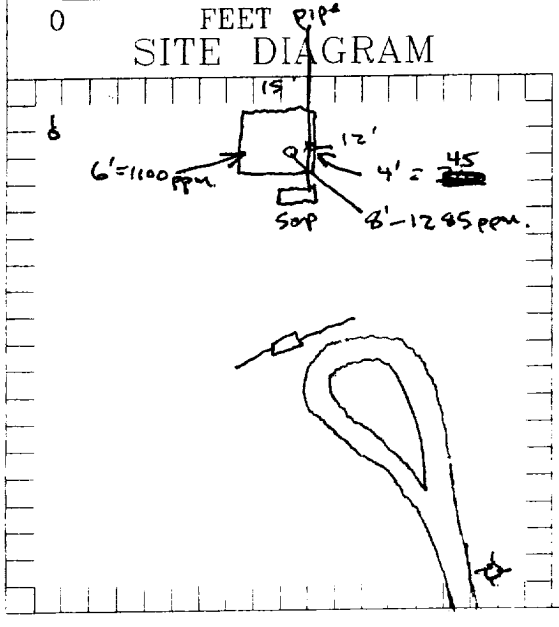
DEPTH TO GROUNDWATER:
NEAREST WATER SOURCE/TYPE:
NEAREST SURFACE WATER:
NMOCD RANKING SCORE:
NMOCD TPH CLOSURE STD:

SAMPLE INVENTORY

SMPL ID:	SMPL TYPE:	LABORATORY ANALYSIS:

SCALE
0 FEET

SITE DIAGRAM



TH#: _____ TH#: _____ TH#: _____ TH#: _____

SOIL TYPE:	SMPL TYPE:	OVM/ TPH

SOIL TYPE: C = Clay, M = Silt, S = Sand, G = Gravel Plasticity: L = None, H = Plastic Grading: P = Poorly, W = Well

ENVIROTECH Inc.

5796 US HWY. 64, FARMINGTON, NM 87401
(505) 632-0615

PIT NO: _____

C.O.C. NO: _____

FIELD REPORT: SITE ASSESSMENT

JOB No: _____
PAGE No: ___ of ___

PROJECT: PIT ASSESSMENT
CLIENT: JN EXPLORATION
CONTRACTOR: ENVIROTECH, INC.
EQUIPMENT USED: CAT 416E BACKHOE, KAMATZU 200 TRACKHOE

DATE STARTED: 6-19-98
DATE FINISHED: 6-23-98
ENVIRO. SPCLT: HMB
OPERATOR: SR
ASSISTANT: DW

LOCATION: LEASE: WELL: Miller B-1 QD: SESE
SEC: 20 TWP: 30N RNG: 13W PM: NM CNTY: SJ ST: NM PIT: Separator
LAND USE: Wildlife Refuge
SURFACE CONDITIONS: Sugar Sand Wash bottom

PIT CENTER IS LOCATED APPROXIMATELY ____ FEET NNW OF WELLHEAD.

FIELD 418.1 CALCULATIONS

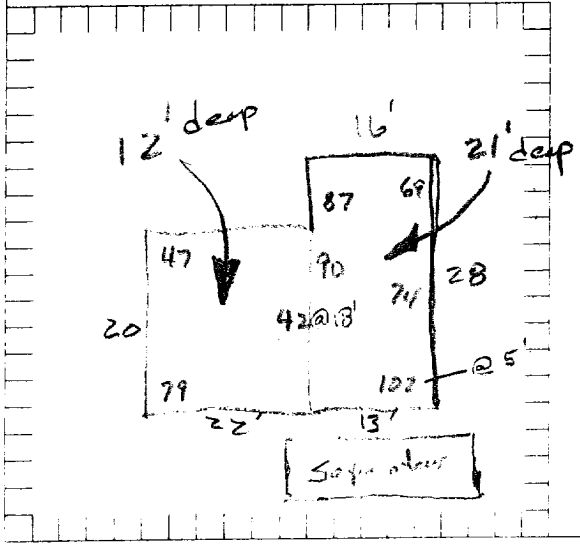
SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

DEPTH TO GROUNDWATER:
NEAREST WATER SOURCE/TYPE:
NEAREST SURFACE WATER:
NMOCD RANKING SCORE:
NMOCD TPH CLOSURE STD:

SAMPLE INVENTORY		
SMPL ID:	SMPL TYPE:	LABORATORY ANALYSIS:

SCALE
0 FEET

SITE DIAGRAM



TH#: _____ TH#: _____ TH#: _____ TH#: _____

SOIL TYPE:	SMPL TYPE:	OVM/ TPH

Soil Type: C = Clay, M = Silt, S = Sand, G = Gravel Plasticity: L = None, H = Plastic Grading: P = Poorly, W = Well

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	J N Exploration	Project #:	98056-01
Sample ID:	5 pt. Pit Bottom	Date Reported:	06-25-98
Laboratory Number:	D482	Date Sampled:	06-23-98
Chain of Custody:	6135	Date Received:	06-23-98
Sample Matrix:	Soil	Date Analyzed:	06-24-98
Preservative:	Cool	Date Extracted:	06-24-98
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**8.8**
Toluene	**ND**	**8.4**
Ethylbenzene	**ND**	**7.6**
p,m-Xylene	**213**	**10.8**
o-Xylene	**120**	**5.2**
Total BTEX	**333**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	**97 %**
	Bromofluorobenzene	**97 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-84 USEPA, December 1996.

Comments: **Miller B - 1. Closure Sample.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	J N Exploration	Project #:	98056-01
Sample ID:	5 pt. Pit Bottom	Date Reported:	06-25-98
Laboratory Number:	D482	Date Sampled:	06-23-98
Chain of Custody No:	6135	Date Received:	06-23-98
Sample Matrix:	Soil	Date Extracted:	06-24-98
Preservative:	Cool	Date Analyzed:	06-24-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**0.9**	**0.2**
Diesel Range (C10 - C28)	**13.5**	**0.1**
Total Petroleum Hydrocarbons	**14.4**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Miller B - 1. Closure Sample.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

6135

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
JN Exploration	Miller B-1	

Sampler:	Client No.
Harlan M. Brown.	98056-01

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX 8021	TPH 8015					Remarks
5pt. Pit Bottom	6.23.98	13:15	D482	Soil	1	✓	✓					Closure Sample.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Harlan M. Brown	6.23.98	14:45	[signature]	6.23.98	14:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		