

District I

P.O. Box 1980, Hobbs, NM

District II

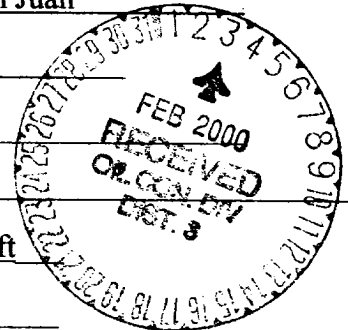
P.O. Drawer DD, Artesia, NM 88211

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 87504-2088SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICEPIT REMEDIATION AND CLOSURE REPORTOperator: Synergy Operating, LLC. Telephone: (505) 325-5449Address: P.O. Box 5513 Farmington, NM 87499Facility Or: Santa Fe H 20 #1
Well NameLocation: Unit or Qtr/Qtr Sec G Sec 20 T 21N R 8W County San JuanPit Type: Separator _____ Dehydrator _____ Other Injection PitLand Type: BLM _____ State _____ Fee X Other _____Pit Location: Pit dimensions: Length 18 ft width 18 ft depth 16 ft
(Attach diagram)Reference: wellhead _____ other P & A MarkerFootage from reference: 430 ftDirection from reference: 50 Degrees _____ East North X
of
X West South _____

Depth to Ground Water: (vertical distance from contaminants to seasonal highwater elevation of ground water)	<u>>100 feet</u>	Less than 50 feet	(20 points)	
		50 ft to 99 feet	(10 points)	
	<u>X</u>	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 1000 feet from all other water sources).		Yes	(20 points)	
	<u>X</u>	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 1000 feet	(10 points)	
	<u>X</u>	Greater than 1000 feet	(0 points)	<u>0</u>

P:\pits\PrrC@.WK3

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 12/9/99 Date Completed: 12/20/99

Excavation X Approx. cubic yards 167

Landfarmed X Insitu Bioremediation _____

Other _____

Remediation Method: Onsite X Offsite _____

(Check all appropriate
sections)

General Description of Remedial Action : On 12/9/99, the pit was excavated to a depth of 16 feet.
A composite soil sample was obtained from the bottom of the pit at 16 feet, utilizing
U.S.E.P.A. protocol and sent to IML for GRO/DRO analysis. Excavated soils were
landfarmed on-site. The landfarm was tested and provided concentrations below NMOCD
guidelines.

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 Bottom Composite

Sample depth 16 feet

Sample date 12/10/99

Sample time 11:00

Sample Results

Benzene(ppm) _____

Total BTEX (PPM) _____

Field Headspace (ppm) 47

TPH <10

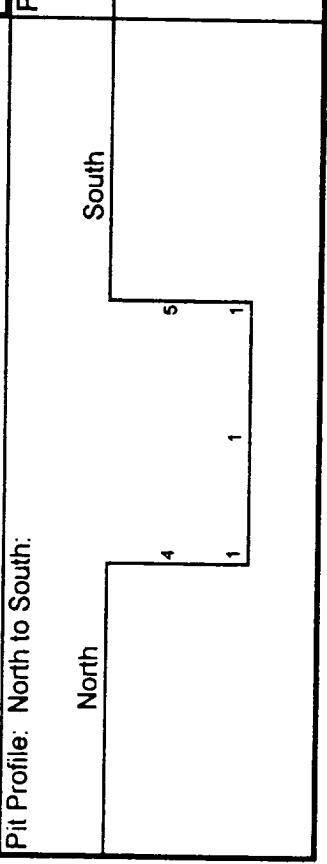
Ground Water Sample: Yes _____ No X (if yes, attach sample results)

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

DATE 1/5/2000 PRINTED NAME Virgil Chavez

SIGNATURE Virgil Chavez and TITLE Environmental Specialist

Location: Santa Fe H 20 #1			
Quad:	G	Section:	20
Township:	21N	Range:	8W
Pit:	Injection Pit	Sample #	Location
Reference:	430' North 50° West of P&A marker	1	Btm. Comp @ 16'
Initial Size:	15' x 15' x 3' deep	2	E. Wall @ 8'
Final Size:	18' x 18' x 16' deep	3	W. Wall @ 8'
Yds. Excavated:	167 cubic yards	4	N. Wall @ 8'
		5	S. Wall @ 8'
		6	
		7	
Depth to Groundwater:	>100'	8	
Nearest Water Source:	>1000'	9	
Nearest Surface Water:	>1000'	10	
NMOCD Ranking Score:	0	11	
TPH Closure Standard:	5000	12	
Comments: A composite sample from bottom @ 16' was sent to Inter-Mountain Labs for 8015 GRO/DRO analysis.			





Inter-Mountain Laboratories, Inc.

Phone (505) 326-4737 Fax (505) 325-4182

2506 West Main Street, Farmington, NM 87401

Client: Synergy Operating, LLC
Project: Snake Eyes
Sample ID: #3 Water Disp. Bottom @ 16'
Lab ID: 0399W05997
Matrix: Soil
Condition: Cool/Intact

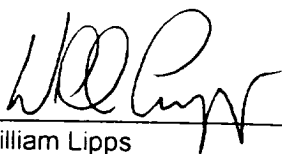
Date Reported: 12/15/99
Date Sampled: 12/10/99
Date Received: 12/13/99
Date Analyzed: 12/14/99

Parameter	Analytical Result	PQL	Units
GRO - Method 8015AZ			
Gasoline Range Organics	<5	5	mg/Kg
Gasoline Range Organics as Gasoline	<5	5	mg/Kg

Quality Control - Surrogate Recovery	%	QC Limits
4-Bromofluorobenzene(SUR-8015)	128	70 - 130
a,a,a-Trifluorotoluene(SUR-8015)	112	70 - 130

Reference:

Reviewed By:


William Lipps



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2506 West Main Street, Farmington, NM 87401

Client: Synergy Operating, LLC

Project: Snake Eyes

Sample ID: #3 Water Disp. Bottom @ 16'

Lab ID: 0399W05997

Matrix: Soil

Condition: Cool/Intact

Date Reported: 12/14/99

Date Sampled: 12/10/99

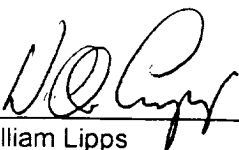
Date Received: 12/13/99

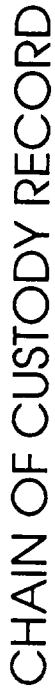
Date Analyzed: 12/13/99

Parameter	Analytical Result	PQL	Units
DRO - Method 8015AZ			
Diesel Range Organics (C10 - C22)	<5	5	mg/Kg
Quality Control - Surrogate Recovery			
o-Terphenyl(SUR-8015)	117	70 - 130	

Reference: Method 8015AZ, C10 - C32 Hydrocarbons in Soil, Arizona Department of Health Services, Revision - 1.0, 09/25/98.

Reviewed By:


William Lipps



CHAIN OF CUSTODY RECORD

[illegible]

Ranking Score : 0 Closure Standard : 5000 ppm



Inter-Mountain Laboratories, Inc.

Phone (505) 326-4737 Fax (505) 325-4182

2506 West Main Street, Farmington, NM 87401

Client: Synergy Operating, LLC

Project: Snake Eyes

Sample ID: Landfarm Comp #5

Lab ID: 0399W06094

Matrix: Soil

Condition: Cool/Intact

Date Reported: 12/22/99

Date Sampled: 12/20/99

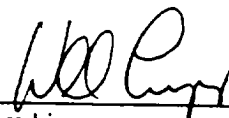
Date Received: 12/20/99

Date Analyzed: 12/22/99

Parameter	Analytical Result	PQL	Units
GRO - Method 8015AZ			
Gasoline Range Organics	<5	5	mg/Kg
Gasoline Range Organics as Gasoline	<5	5	mg/Kg
Quality Control - Surrogate Recovery			
	%	QC Limits	
4-Bromofluorobenzene(SUR-8015)	93	70 - 130	
a,a,a-Trifluorotoluene(SUR-8015)	112	70 - 130	

Reference: Method 8015AZ, C10 - C32 Hydrocarbons in Soil, Arizona Department of Health Services, Revision - 1.0, 09/25/98.

Reviewed By:


William Lipps



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2506 West Main Street, Farmington, NM 37401

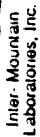
Client: Synergy Operating, LLC
Project: Snake Eyes
Sample ID: Landfarm Comp #5
Lab ID: 0399W06094
Matrix: Soil
Condition: Cool/Intact

Date Reported: 12/21/99
Date Sampled: 12/20/99
Date Received: 12/20/99
Date Analyzed: 12/21/99

Parameter	Analytical Result	PQL	Units
DRO - Method 8015AZ			
Diesel Range Organics (C10 - C22)	474	5	mg/Kg
Quality Control - Surrogate Recovery			
o-Terphenyl(SUR-8015)	110	QC Limits 70 - 130	

Reference: Method 8015AZ, C10 - C32 Hydrocarbons in Soil, Arizona Department of Health Services, Revision - 1.0, 09/25/98.

Reviewed By: _____



Client/Project Name

277 Operating LLC

Sampler: (Signature)

August 1895

**Sample No./
Identification**

Date	Time
1/20/98	11:15

Handwritten: Complete #5

Lab Number

Matrix

50.1

No. of
Containers

X

Remarks

Relinquished by: (Signature)

12/20/95 15:50

5.50

Received by: (Signature)

1

Relinquished by: (Signature)

Date	Time

Received by laboratory: (Signature)

Received by laboratory: (Signature)

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Sheridan, Wyoming 82801
Telephone (307) 674-7506

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Sheridan, Wyoming 82801
Telephone (307) 672-8945

□

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Gillette, Wyoming 82718
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58

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Telephone (409) 776-8945

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