

District I

P.O. Box 1980, Hobbs, NM

District II

P.O. Drawer DD, Artesia, NM 88211

District III

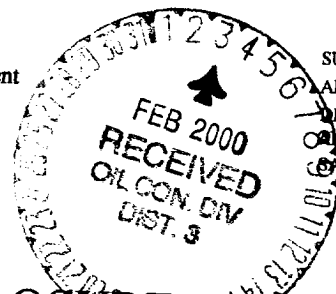
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE**PIT REMEDIATION AND CLOSURE REPORT**Operator: Synergy Operating, LLC Telephone: (505) 325-5449Address: P.O. Box 5513 Farmington, NM 87499Facility Or: Santa Fe H 20 #3
Well Name _____Location: Unit or Qtr/Qtr Sec H Sec 20 T 21N R 8W County San JuanPit Type: Separator _____ Dehydrator _____ Other Reserve PitLand Type: BLM _____ State _____ Fee X Other _____Pit Location: (Attach diagram) Pit dimensions: Length 150 ft width 85 ft depth 5 ftReference: wellhead _____ other P & A MarkerFootage from reference: 110 ftDirection from reference: 90 Degrees _____ East North _____
_____ 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: 12/8/99

Date Completed: 12/20/99

Excavation X

Approx. cubic yards 278

Landfarmed X

Insitu Bioremediation _____

Other _____

Remediation Method: Onsite _____

Offsite Santa Fe H 20 #1

(Check all appropriate
sections)

General Description of Remedial Action : On 12/8/99, the pit was excavated to a depth of 5 feet.
No samples were obtained from the bottom of the pit. The liner was intact on the bottom
of the pit. The north and south sides of the pit were excavated where staining occurred
due to tears in liner. The sides were excavated until OVM readings were non-detect.
Excavated soils were landfarmed on the Santa Fe H 20 #1 site. The landfarm was tested
and provided concentrations below NMOCD guidelines.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit:

Sample location North and South Sides

Closure Sampling:
(if multiple samples,
attach sample results

and diagram of sample
locations and depths)

Sample depth 3' to 6'

Sample date 12/8/99

Sample time _____

Sample Results

Benzene(ppm) _____

Total BTEX (PPM) _____

Field Headspace (ppm) Non-detect

TPH _____

Ground Water Sample: Yes _____ No _____ (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 1/6/00

PRINTED NAME Virgil Chavez

SIGNATURE Virgil Chavez

and TITLE

Environmental Specialist

Overview of Location and Sampling:

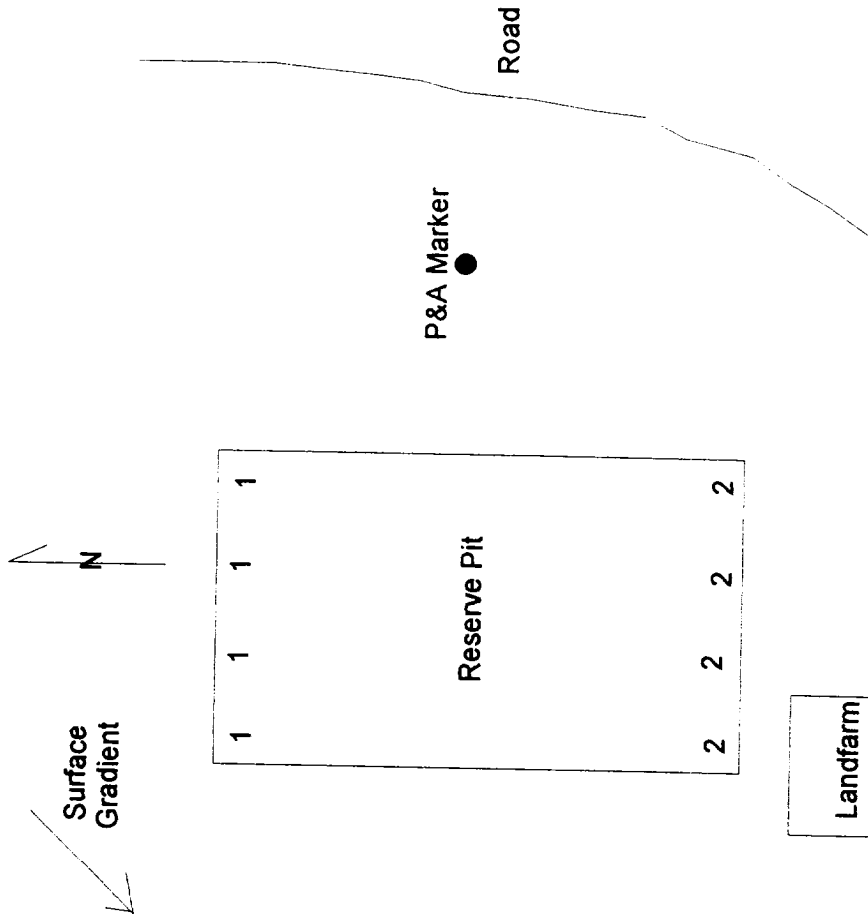
Location: **Santa Fe H 20 #3**

Quad: **H** Section: **20**

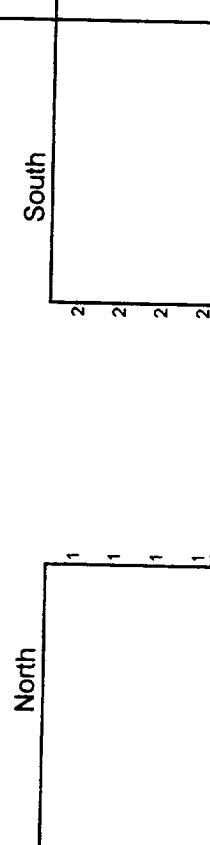
Township: **21N** Range: **8W**

Pit:	Sample #	Location	OVM
Reserve Pit	1	N. Wall	ND
Reference: 110' West of P&A marker	2	S. Wall	ND
Initial Size: 150' x 75' x 5' deep	3		
Final Size: 150' x 85' x 5' deep	4		
Yds. Excavated: 278 cubic yards	5		
	6		
Depth to Groundwater: >100'	7		
Nearest Water Source: >1000'	8		
Nearest Surface Water: >1000'	9		
NMOCD Ranking Score: 0	10		
TPH Closure Standard: 5000	11		
	12		

Comments: No samples were taken from bottom of pit. Liner was intact on bottom of pit. North and south sides of pit were excavated where staining occurred due to tears in liner. Excavated sides until OVM readings were non-detect.



Pit Profile: North to South:



Pit Profile: East to West:



Environmental Specialist: RB

Cimarron Oilfield Service Co.

Date Started : December 9, 1999 Date Completed : December 20, 1999

Ranking Score : 0 Closure Standard : 5000 ppm



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

Inter-Mountain Laboratories, Inc.

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

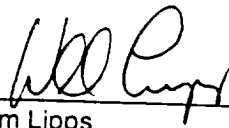
Date Received: 12/20/99

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



Inter-Mountain Laboratories, Inc.

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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)	%	QC Limits	
	110	70 - 130	

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

Reviewed By: _____



CHAIN OF CUSTODY RECORD

Client/Project Name		Project Location		ANALYSES / PARAMETERS							
Samp: (Signature)		Chain of Custody Tape No.		Remarks							
Sample No./ Identification	Date	Time	Lab Number	Matrix	No. of Containers						
11/15	11/15			Soil	1	X					
Relinquished by: (Signature) Relinquished by: (Signature) Relinquished by: (Signature)							Date	Time	Received by: (Signature)	Date	Time
							12/20/99	15:50			
Inter-Mountain Laboratories, Inc.				61044							

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Sheridan, Wyoming 82801
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☐ 1633 Terra Avenue
Sheridan, Wyoming 82801
Telephone (307) 672-8945

☒ 1701 Phillips Circle
Gillette, Wyoming 82718
Telephone (307) 682-8945

☐ 2506 West Main Street
Farmington, NM 87401
Telephone (505) 326-4737

☐ 11183 State Hwy. 30
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Telephone (409) 776-8945