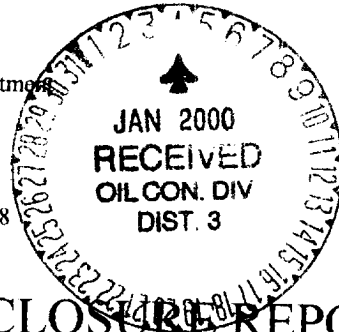


District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

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



04
SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

Operator: Energen Resources (Taurus Exploration) Telephone: (505) 326-6131

Address: 2198 Bloomfield Highway Farmington, NM 87401

Facility Or: Florance Federal #9A
Well Name

Location: Unit or Qtr/Qtr Sec N Sec 5 T 25N R 3W County Rio Arriba

Pit Type: Separator _____ Dehydrator _____ Other Abandoned Pit #1

Land Type: BLM _____ State _____ Fee X Other _____

Pit Location: (Attach diagram) Pit dimensions: Length 15 ft, width 15 ft, depth 4 ft

Reference: wellhead X other _____

Footage from reference: 200 ft

Direction from reference: 30 Degrees _____ East of North X
_____ West of 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: 4/22/98

Date Completed: 4/22/98

Excavation _____

Approx. cubic yards 0

Landfarmed _____

Insitu Bioremediation _____

Other _____

Remediation Method: Onsite _____

Offsite _____

(Check all appropriate
sections)

General Description of Remedial Action : On 4/22/98, a soil sample was obtained from the center bottom of the pit at a depth of 4 feet below the pit bottom utilizing U.S.E.P.A. protocol and evaluated for DRO/GRO analysis. Excavation was not necessary.

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 Center Bottom

Sample depth 4 feet below pit bottom

Sample date 4/22/98

Sample time 10:35

Sample Results

Benzene(ppm) _____

Total BTEX (PPM) _____

Field Headspace (ppm) 40

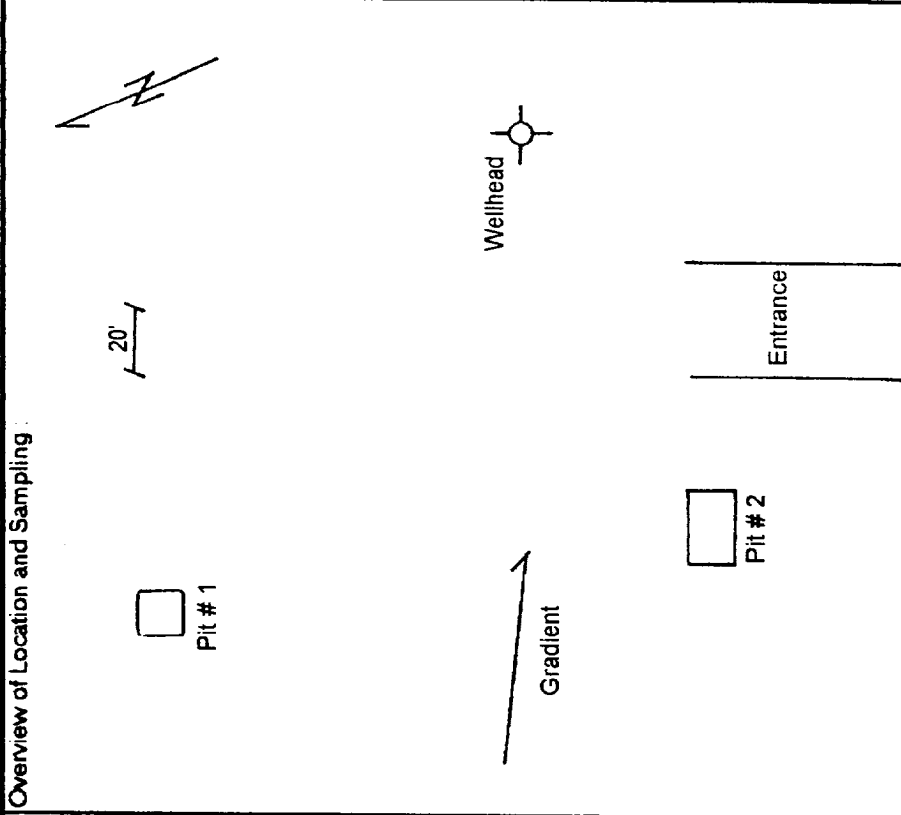
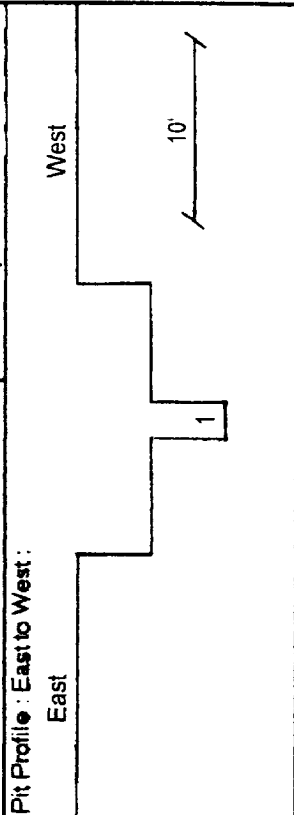
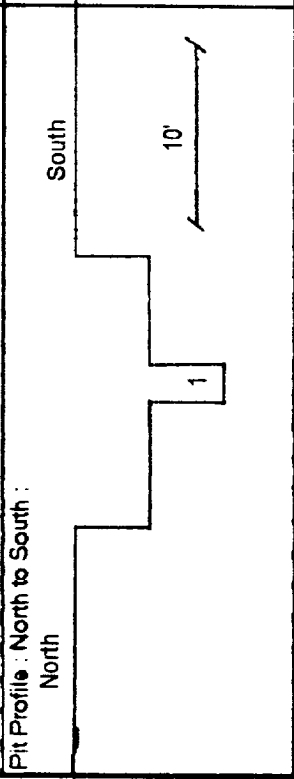
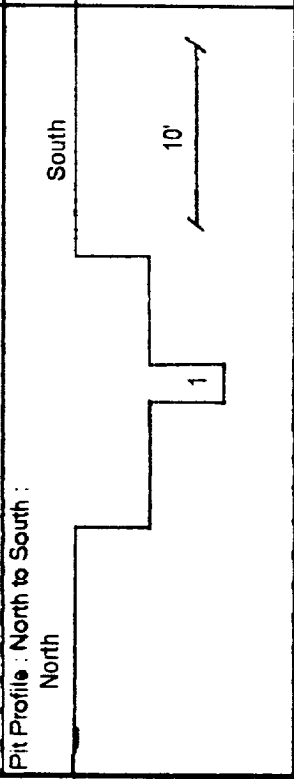
TPH 920

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 12/22/99 PRINTED NAME Virgil Chavez

SIGNATURE Virgil Chavez and TITLE Environmental Specialist

Location: <u>Florance Federal # 9A</u>		Overview of Location and Sampling :	
Quad : <u>N</u>	Section : <u>5</u>		
Range : <u>3 W</u>	Township: <u>25 N</u>		
Pit : <u>Abandoned Pit # 1</u>			
Reference : <u>200' N 30 W</u> <u>from wellhead</u>			
Initial Size : <u>15' x 15' x 4'</u>			
Final Size : <u>15' x 15' x 4'</u>			
Yds. Excavated : <u>0 cy</u>			
Depth to Groundwater: <u>>100'</u>			
Nearest Water Source: <u>>1000'</u>			
Nearest Surface Water: <u>>1000'</u>			
NMOCD Ranking Score: <u>0</u>			
TPH Closure Standard: <u>5000</u>			
Comments : <u>0' - 4' Below Pit Bottom : Soil is moist, brown, clay loam.</u> <u>No hydrocarbon odor or staining was detected.</u> <u>A sample was taken from 4' below pit bottom and sent to</u> <u>Intermountain labs for TPH analysis.</u> <u>Excavation pending.</u>		Pit Profile : East to West : 	
Pit Profile : North to South : 		Pit Profile : East to West : 	

Client: **Taurus Exploration**

Sample ID: Pit #1 C Btm @ 8'

Project ID: Florence Federal #9A

Lab ID: B981846

3-2236

Matrix: Soil

Date Reported: 05/12/98

Date Sampled: 04/22/98

Date Received: 04/24/98

Date Extracted: 04/30/98

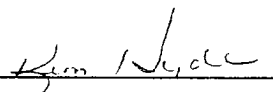
Date Analyzed: 05/08/98

Parameter	Result	PQL	Units
Gasoline Range Organics	ND	5.0	mg/kg
Gasoline Range Organics as Gasoline	ND	5.0	mg/kg
Total Purgeable Hydrocarbons	ND	5.0	mg/kg
QUALITY CONTROL - Surrogate Recovery	%	QC Limits	
Bromofluorobenzene	74	40 - 163	

ND - Not Detected at Practical Quantitation Level (PQL)

Reference: GRO - USEPA Method for Determination of Gasoline Range Organics, Rev. 5, February 1992.
WTPH-G Total Petroleum Hydrocarbons Analytical Methods for Soil, Washington State Department of Ecology, Revision 6, 08/18/93.

Analyst



Reviewed



Client: **Taurus Exploration**
Sample ID: Pit #1 C Btm @ 8'
Project ID: Florence Federal #9A
Lab ID: B981846
Matrix: Soil

3-2236

Date Reported: 05/12/98
Date Sampled: 04/22/98
Date Received: 04/24/98
Date Extracted: 04/30/98
Date Analyzed: 05/06/98

Parameter	Result	PQL	Units
Diesel Range Organics	920	5.0	mg/kg
Diesel Range Organics as Diesel	920	5.0	mg/kg
Total Extractable Hydrocarbons	990	5.0	mg/kg

ND - Not Detected at Practical Quantitation Level (PQL)

Reference: DRO - USEPA Method for Determination of Diesel Range Organics. Revision 3, 05/08/92.
WTPH-D Total Petroleum Hydrocarbons Analytical Methods for Soil, Washington State Department of Ecology, Revision 3, October 1991.

Analyst Kenneth L. Linder

Reviewed SW



CHAIN OF CUSTODY RECORD

Client/Project Name		Project Location		ANALYSES / PARAMETERS			
Turners Exploration		Florance Federal # 94					
Sampler: (Signature)		Chain of Custody Tape No.		Remarks			
Sample No./ Identification	Date	Time	Lab Number	Matrix	No. of Containers	8015 TRH	8020 ETE
Pit # 2 C.B.M. 8'	4/22/98	11:00		Soil	1	✓	✓
Pit # 1 C.B.M. 8'	4/22/98	10:35		Soil	1	✓	✓
				8015 DRO/GKD			
				as per Tanks No. 2000			
				4/23/98 1410 CR			
				Cool, intact, hand delivered			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time
[Signature]		4-23-98	1413				
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time
Relinquished by: (Signature)		Date	Time	Received by laboratory: (Signature)		Date	Time
				Chris Raymond		4-23-98	1343
Inter-Mountain Laboratories, Inc.							
☐ 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 College Station, TX 77845 Telephone (409) 776-8945	
54634							