Denny E. Foust
DEPUTY OIL & GAS INSPECTOR

FEB 2 3 1999

OK
SUBMIT 1 COPY TO
NATURAL RESOURCE DEPT
AND OIL & GAS ADMINISTRATION

JICARILLA APACHE TRIBE
ENVIRONMENTAL PROTECTION OFFICE
P.O. BOX 507
DULCE, NEW MEXICO 87528

Approved

PIT REMEDIATION AND CLOSURE REPORT

Operator: BILLCO ENERGY **Telephone:** (505) 325-3404

Address: P.O. BOX 3038, FARMINGTON, NM 87499

Facility or Well Name: MARTIN FLORANCE #8

Location: Unit or Qtr/Qtr Sec NE/4 NW/4 C Sec 5 T 23N R 4W County RIO ARRIBA

Pit Type: Separator ____ Dehydrator ____ Other PIPELINE BLOWDOWN #2

Land Type: RANGE

Pit Location: (Attach diagram)

Pit dimensions: length 9, width 9, depth 2

Reference: wellhead X, other ____

Footage from reference: 495 (DUE SOUTH)

Direction from reference: 0 Degrees ____ East North ____ of 0 West South 0

Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet 50 feet to 99 feet Greater than 100 feet	(20 points) (10 points) (0 points)	0
Distance to an Ephemeral Stream (Downgradient dry wash greater than ten feet in width)	Less than 100 feet Greater than 100 feet	(10 points) (0 points)	0
Distance to Nearest Lake, Playa, or Watering Pond (Downgradient lakes, playas and livestock or wildlife watering ponds)	Less than 100 feet Greater than 100 feet	(10 points) (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 No	(20 points) (0 points)	0
Distance To SurfaceWater: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet 100 feet to 1000 feet Greater than 1000 feet	(20 points) (10 points) (0 points)	0
		RANKING SCORE (TOTAL POINTS):	0

Date Remediation Started: — **Date Completed:** 11-24-98

Remediation Method: (Check all appropriate sections) Excavation ____ Approx. cubic yards —

Landfarmed ____ Insitu Bioremediation ____

Other PIT SAMPLED PRIOR TO REMEDIATION

Remediation Location: (i.e. landfarmed onsite, name and location of offsite facility) Onsite ____ Offsite NON REQUIRED

General Description of Remedial Action: Excavation

Groundwater Encountered: No X Yes ____ Depth ____

Final Pit: Closure Sampling: (if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location see Attached Documents

Sample depth ~~11-24-98~~ 3'

Sample date 11-24-98 Sample time 1120

Sample Results

Soil:	Benzene	(ppm) —	Water:	Benzene	(ppb) —
	Total BTEX	(ppm) —		Toluene	(ppb) —
	Field Headspace	(ppm) ND		Ethylbenzene	(ppb) —
	TPH	(ppm) ND		Total Xylenes	(ppb) —

Groundwater 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 KNOWLEGE AND BELIEF

DATE 12-17-98 **PRINTED NAME** JEFFREY C. BLAGG

SIGNATURE Jeffrey C. Blagg **AND TITLE** NMPE 11607

AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES X NO ____ (REASON) ____

SIGNED: Kenneth C Marcell **DATE:** 12-28-98

CLIENT: Bloco

BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

LOCATION NO: _____
C.O.C. NO: 6403

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: MARTIN - FLORANCE WELL #: 8 PIT: PIPELINE BLOW #2
QUAD/UNIT: C SEC: 5 TWP: 23N RNG: 4W PM: NM CNTY: RA ST: NM
QTR/FOOTAGE: NE/4 NW/4 CONTRACTOR: INLAND

DATE STARTED: —
DATE FINISHED: 11-24-99
ENVIRONMENTAL SPECIALIST: JCC

EXCAVATION APPROX: 9 FT. x 9 FT. x 2 FT. DEEP. CUBIC YARDAGE: —
DISPOSAL FACILITY: NONE REMEDIATION METHOD: NONE
LAND USE: RANGE LEASE: JIC CONT 362 FORMATION: GAL-DAK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 495 FT. DUE SOUTH FROM WELLHEAD.
DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000
NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

CHECK ONE:
X PIT ABANDONED
___ STEEL TANK INSTALLED
___ FIBERGLASS TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

PIT TESTED PRIOR TO REMEDIATION. APPEARS TO BE ABANDONED PIPELINE BLOWDOWN PIT. NO HC ODOR OR STAIN. HAND AUGERED LOW POINT IN THE SMALL PIT. OBTAINED SAMPLE @ 3' BELOW PIT BOTTOM.

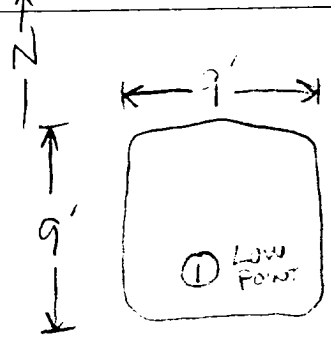
SANDY SILT, MOIST, ORANGE YELLOW, NON COHESIVE. NO ODOR OR STAIN.

FIELD 418.1 CALCULATIONS

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

SCALE
0 FT

PIT PERIMETER



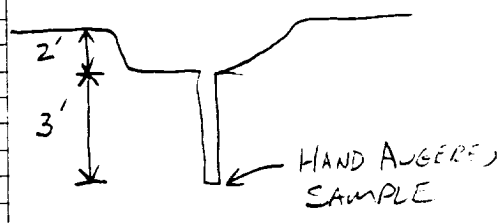
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 C@3'	ND
2	
3	
4	
5	

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
C@3'	9015	1120

PIT PROFILE



TRAVEL NOTES: CALLOUT: _____ ONSITE: _____

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Blagg / Billco	Project #:	04034-10
Sample ID:	Pipeline Blow C @ 3'	Date Reported:	11-25-98
Laboratory Number:	E217	Date Sampled:	11-24-98
Chain of Custody No:	6408	Date Received:	11-24-98
Sample Matrix:	Soil	Date Extracted:	11-25-98
Preservative:	Cool	Date Analyzed:	11-25-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**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: **Martin - Florance #8.**

Analyst

Review

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

CHAIN OF CUSTODY RECORD

6408

Client / Project Name	Project Location
Blagg/Billco	Martin - Florance #8
Sampler: J. C. Blagg	Client No. 04034-10

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TPH 8015						Remarks
Pipeline Blow C @ 3'	11/24/98	1120	E217	Soil	1	X						

ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
J. C. Blagg	11/24/98	1555	[signature]	11-24-98	1585
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	✓		