

District I

P.O. Box 1980, Hobbs, NM

District II

P.O. Drawer DD, Artesia, NM 88211

District III

Rio Brazos Rd, Aztec, NM 87410

State of New Mexico

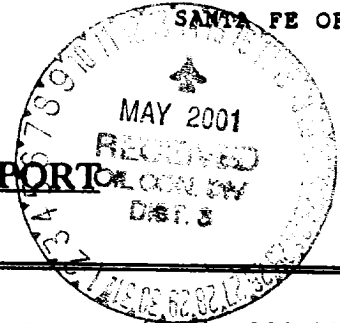
Energy, Minerals and Natural Resources Department

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 REPORTOperator: Amoco Production Company Telephone: (505) 326-9200Address: 200 Amoco Court, Farmington, New Mexico 87401Facility Or: FLORANCE GC E #9
Well NameLocation: Unit or Qtr/Qtr Sec M Sec 13 T 30N R 9W County SAN JUANPit Type: Separator Dehydrator Other ABANDONED COMPRESSORLand Type: BLM ✓, State , Fee , Other Pit Location: Pit dimensions: length NA, width NA, depth NA
(Attach diagram)Reference: wellhead X, other Footage from reference: 129'Direction from reference: 12 Degrees ✓ East North ✓
of
 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) 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 (20 points)
No (0 points) 0

Distance To Surface Water:

(Horizontal distance to perennial
akes, 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): 0

Date Remediation Started: _____ Date Completed: 8/17/00Remediation Method: Excavation ☒ Approx. cubic yards NA

(Check all appropriate sections)

Landfarmed _____ Insitu Bioremediation _____

Other CLOSE AS IS.Remediation Location: Onsite ☒ Offsite _____

(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: _____

Excavation, NO REMEDIATION NECESSARY.

Ground Water Encountered: No ☒ Yes _____ Depth _____

Final Pit:

Closure Sampling:

(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample location see Attached DocumentsSample depth 7' (TEST HOLE BOTTOM)Sample date 8/16/00 Sample time 0730

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 0.0TPH 1.8 ppmGround Water Sample: Yes _____ No ☒ (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 8/17/00

SIGNATURE

B. ShawPRINTED NAME
AND TITLEBuddy D. Shaw
Environmental Coordinator

3004509488

CLIENT: AMOCO

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

LOCATION NO: 80781C.O.C. NO: 7478

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1LOCATION: NAME: FLORANCE GC E WELL # 9 PIT: ABAND. COMPL.DATE STARTED: 8/16/00QUAD/UNIT: M SEC: 13 TWP: 30N RNG: 9W PM: NM CNTY: ST. NM

DATE FINISHED: _____

QTR/FOOTAGE: 990'S/990'W SWSW CONTRACTOR: FUNTENVIRONMENTAL SPECIALIST: NVEXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NADISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: CLOSE AS ISLAND USE: RANGE LEASE: CA ISEC 742 ⁸²⁻⁰⁹¹⁰⁰¹ FORMATION: MUFIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 129 FT. N/E FROM WELL HEADDEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'NMOC D RANKING SCORE: 0 NMOC D TPH CLOSURE STD: 5000 PPM

CHECK ONE:

SOIL AND EXCAVATION

DVM CALIB. READ. 53.1 ppm

DESCRIPTION:

TIME: 2:42 am (pm) 8/15/00

☒ PIT ABANDONED
☐ STEEL TANK INSTALLED
☐ FIBERGLASS TANK INSTALLED

MOD. YELL. BROWN SAND, NON COHESIVE, SLIGHTLY MOIST, LOOSE TO FIRM, NO APPARENT DISCOLORATION OBSERVED OR HC DOOR DETECTED.

CLOSED

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
0730							

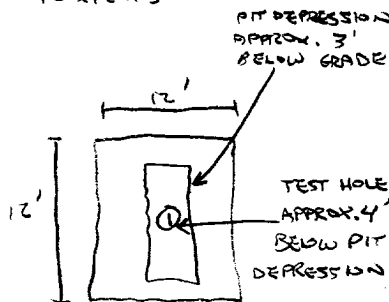
SCALE



0 FT

PIT PERIMETER

12 x 12 x 3



OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 7'	0.0
2 @	
3 @	
4 @	
5 @	

PIT PROFILE

NOT APPLICABLE

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1 @ 7'	TPH (8015)	0730
	<u>PASSED</u>	

TRAVEL NOTES:

CALLOUT: 8/15/00 - AFTER.ONSITE: 8/16/00 - MORN.

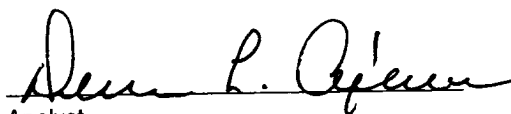
Client:	Blagg / BP Amoco	Project #:	403410
Sample ID:	1 @ 7'	Date Reported:	08-17-00
Laboratory Number:	H918	Date Sampled:	08-16-00
Chain of Custody No:	7478	Date Received:	08-16-00
Sample Matrix:	Soil	Date Extracted:	08-17-00
Preservative:	Cool	Date Analyzed:	08-17-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

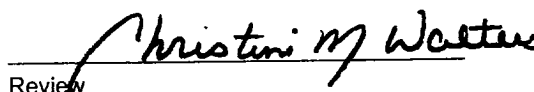
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.3	0.2
Diesel Range (C10 - C28)	1.5	0.1
Total Petroleum Hydrocarbons	1.8	0.1

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: Florance GC E #9 Abandoned Compressor Pit.


Analyst


Review

District I

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PIT REMEDIATION AND CLOSURE REPORTOperator: Amoco Production Company Telephone: (505) - 326-9200Address: 200 Amoco Court, Farmington, New Mexico 87401Facility Or: FLORANCE GC E #9
Well NameLocation: Unit or Qtr/Qtr sec M sec 13 T30N R9W County SAN JUANPit Type: ^{ABANDONED} Separator ☒ Dehydrator ☐ Other ☐Land Type: BLM ☒, State ☐, Fee ☐, Other ☐Pit Location: Pit dimensions: length 19', width 16', depth 10'
(Attach diagram)Reference: wellhead ☒, other ☐Footage from reference: 49'Direction from reference: 59 Degrees ☒ East North ☐
of
☐ 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)	<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>0</u>
No	(0 points)	

Distance To Surface Water:(Horizontal distance to perennial
akes, 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)	<u>0</u>

RANKING SCORE (TOTAL POINTS): 0

80781

ABAN. SEP. PIT

Date Remediation Started: _____ Date Completed: 8/17/00

Remediation Method: Excavation ☒ Approx. cubic yards 100
(Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____
Other COMPOSTED

Remediation Location: Onsite _____ Offsite ☒ NYE GC B #1E (E-7-29-9)
(ie. landfarmed onsite, name and location of offsite facility) TRANSPORTED TO CROUCH MESA 3/01. 9V

General Description Of Remedial Action: _____

Excavation ,

_____Ground Water Encountered: No ☒ Yes _____ Depth _____Final Pit: Sample location see Attached Documents

Closure Sampling:

(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample depth 11' (PIT BOTTOM)Sample date 8/16/00 Sample time 0755

Sample Results

Benzene(ppm) 0.0203Total BTEX(ppm) 4.810Field headspace(ppm) 711TPH 206 ppmGround Water Sample: Yes _____ No ☒ (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 8/17/00

SIGNATURE

B. ShawPRINTED NAME
AND TITLEBuddy D. Shaw
ENVIRONMENTAL COORDINATOR

CLIENT: AMOCOBLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199LOCATION NO: 80781C.O.C. NO: 7478

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1LOCATION: NAME: FLORANCE GC E WELL #: 9 PIT: ABAND. SEP.DATE STARTED: 8/16/00QUAD/UNIT: M SEC: 13 TWP: 30N RNG: 9W PM: Nm CNTY: SJ ST: Nm

DATE FINISHED: _____

QTR/FOOTAGE: 990'S/990'WSWSW CONTRACTOR: PLINTENVIRONMENTAL
SPECIALIST: NUEXCAVATION APPROX. 19 FT. x 16 FT. x 10 FT. DEEP. CUBIC YARDAGE: 100DISPOSAL FACILITY: NYE GC BIE (E-7-29-9) REMEDIATION METHOD: COMPOSTEDLAND USE: RANGE LEASE: CA ISECT42 FORMATION: MU

FIELD NOTES & REMARKS:

PIT LOCATED APPROXIMATELY 49 FT. SSSE FROM WELL HEAD.DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'NMOC D RANKING SCORE: 0 NMOC D TPH CLOSURE STD: 5000 PPM

CHECK ONE:

☒ PIT ABANDONED☐ STEEL TANK INSTALLED☐ FIBERGLASS TANK INSTALLED

SOIL AND EXCAVATION

OVM CALIB. READ: 53.1 ppmTIME: 2:42 am/pm 8/15/00

DESCRIPTION:

SIDEWALLS - MOD. TO DK. YELL. BROWN SAND, BOTTOM - LT. TO MED GRAY SAND, NON
COHESIVE, SLIGHTLY MOIST, LOOSE TO FIRM, DISCOLORATION OBSERVED @ PIT BOTTOM
ONLY, STRONG HC ODOR IN BOTTOM OVM SAMPLE ONLY.

CLOSED

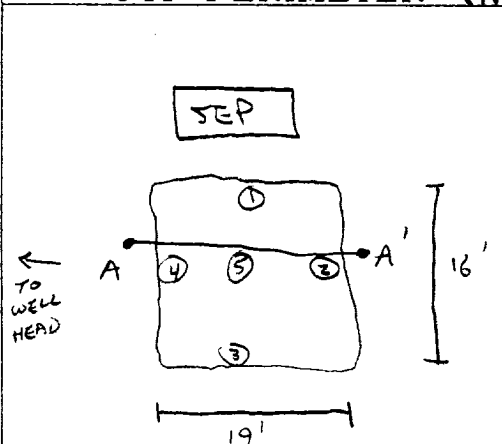
FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	ML. FREON	DILUTION	READING	CALC. ppm
0755							

SCALE

0 FT

PIT PERIMETER

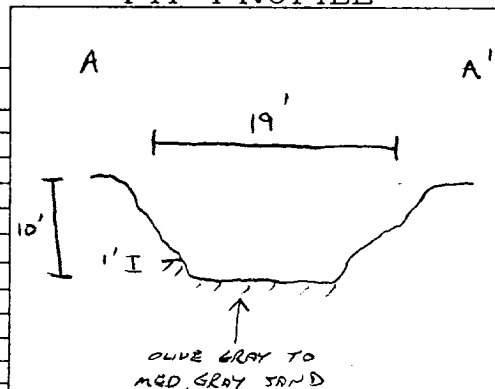
OVM
RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 5'	0.0
2 @ 5'	0.0
3 @ 5'	0.0
4 @ 5'	0.0
5 @ 11'	711

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
5 @ 11'	TPH (8015)	0755
	BTEX (8021)	
(BOTH PASSED)		

PIT PROFILE



TRAVEL NOTES:

CALLOUT: 8/15/00 - AFTER. ONSITE: 8/16/00 - MORN.

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

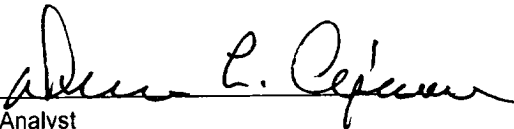
Client:	Blagg / BP Amoco	Project #:	403410
Sample ID:	5 @ 11'	Date Reported:	08-17-00
Laboratory Number:	H919	Date Sampled:	08-16-00
Chain of Custody No:	7478	Date Received:	08-16-00
Sample Matrix:	Soil	Date Extracted:	08-17-00
Preservative:	Cool	Date Analyzed:	08-17-00
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

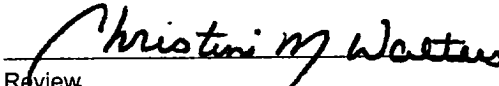
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	67.0	0.2
Diesel Range (C10 - C28)	139	0.1
Total Petroleum Hydrocarbons	206	0.1

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: Florance GC E #9 Abandoned Separator Pit.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP Amoco	Project #:	403410
Sample ID:	5 @ 11'	Date Reported:	08-17-00
Laboratory Number:	H919	Date Sampled:	08-16-00
Chain of Custody:	7478	Date Received:	08-16-00
Sample Matrix:	Soil	Date Analyzed:	08-17-00
Preservative:	Cool	Date Extracted:	08-17-00
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	20.3	1.8
Toluene	585	1.7
Ethylbenzene	442	1.5
p,m-Xylene	2,220	2.2
o-Xylene	1,540	1.0
Total BTEX	4,810	

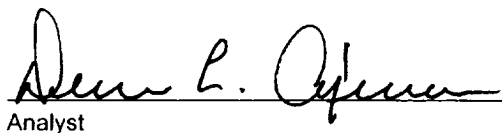
ND - Parameter not detected at the stated detection limit.

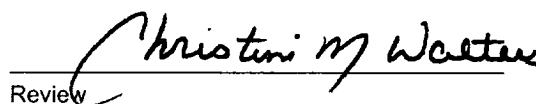
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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-846, USEPA, December 1996.

Comments: Florance GC E #9 Abandoned Separator Pit.


Analyst


Review

CHAIN OF CUSTODY RECORD

[illegible]