

District I

O. Box 1980, Hobbs, NM

District II

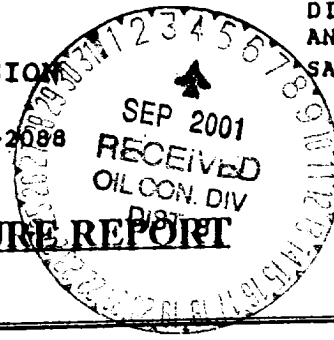
O. Drawer DD, Artesia, NM 88211

District III

100 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OK-12/14/01

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 OFFICE**PIT REMEDIATION AND CLOSURE REPORT**

Operator: Amoco Production Company Telephone: (505) - 326-9200

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: FLORANCE C L5 4
Well Name

Location: Unit or Qtr/Qtr Sec K Sec 29 T 28N R 8W County SAN JUAN

Pit Type: Separator Dehydrator ☒ Other

Land Type: BLM ☒ State Fee Other

Pit Location: Pit dimensions: length 26', width 30', depth 15'
(Attach diagram)

Reference: wellhead ☒ other

Footage from reference: 48'

Direction from reference: 73 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
lakes, 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: 9/14/94

Remediation Method: Excavation ☒ Approx. cubic yards 320
(Check all appropriate sections) Landfarmed ☒ Insitu Bioremediation _____

Other _____

Remediation Location: Onsite ☒ Offsite _____
(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: _____

Excavation

pmcd letter correspondence 12-9-94

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 Documents

Sample depth 10'

Sample date 9/14/94 Sample time 1045

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 884

TPH 5,343 ppm

Ground 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 9/16/94

SIGNATURE

B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
Environmental Coordinator

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>80090</u> C.D.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>
LOCATION: NAME: <u>FLORANCE C L5</u> WELL #: <u>4</u> PIT: <u>DEHY</u>		DATE STARTED: <u>9/14/94</u> DATE FINISHED: <u>9/14/94</u>
QUAD/UNIT: <u>K</u> SEC: <u>29</u> TWP: <u>28N</u> RNG: <u>8W</u> PM: <u>NM</u> CNTY: <u>ST</u> STNM		ENVIRONMENTAL SPECIALIST: <u>NV</u>
QTR/FOOTAGE: <u>1600' FSL</u> <u>2161' FWL</u> CONTRACTOR: <u>P. VELASQUEZ</u>		

SOIL REMEDIATION: EXCAVATION APPROX. <u>26</u> FT. x <u>30</u> FT. x <u>15</u> FT. DEEP.
DISPOSAL FACILITY: STOCKPILED <u>ON-SITE</u> CUBIC YARDAGE: <u>320</u>
LAND USE: <u>RANGE</u> LEASE: <u>NM - 03549</u>

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>48</u> FEET <u>N73E</u> FROM WELLHEAD.	
DEPTH TO GROUNDWATER: <u>7100'</u>	NEAREST WATER SOURCE: <u>21000'</u> NEAREST SURFACE WATER: <u>71000'</u>
NMOC RANKING SCORE: <u>0</u>	NMOC TPH CLOSURE STD: <u>5000</u> PPM <u>ELLEV. 5950'</u> FORMATION: <u>SBR/MV</u>

SOIL AND EXCAVATION DESCRIPTION:	NORTH SIDEWALL: DR. MED. GRAY SAND, NON-COHESIVE, SLIGHTLY MOIST, FIRM, STRONG HC OOR. OTHER SIDEWALLS: DR. YELL. ORANGE TO MD. YELL. BROWN SAND, NON-COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT AC OOR. BOTTOM CONSIST OF SHALY SANDSTONE IN ISOLATED AREAS AND OLIVE GRAY IN COLOR.
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EXCAVATION
TERMINATED
DUE TO
SHALY/SANDSTONE
BOTTOM

FIELD 418.1 CALCULATIONS

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

SCALE

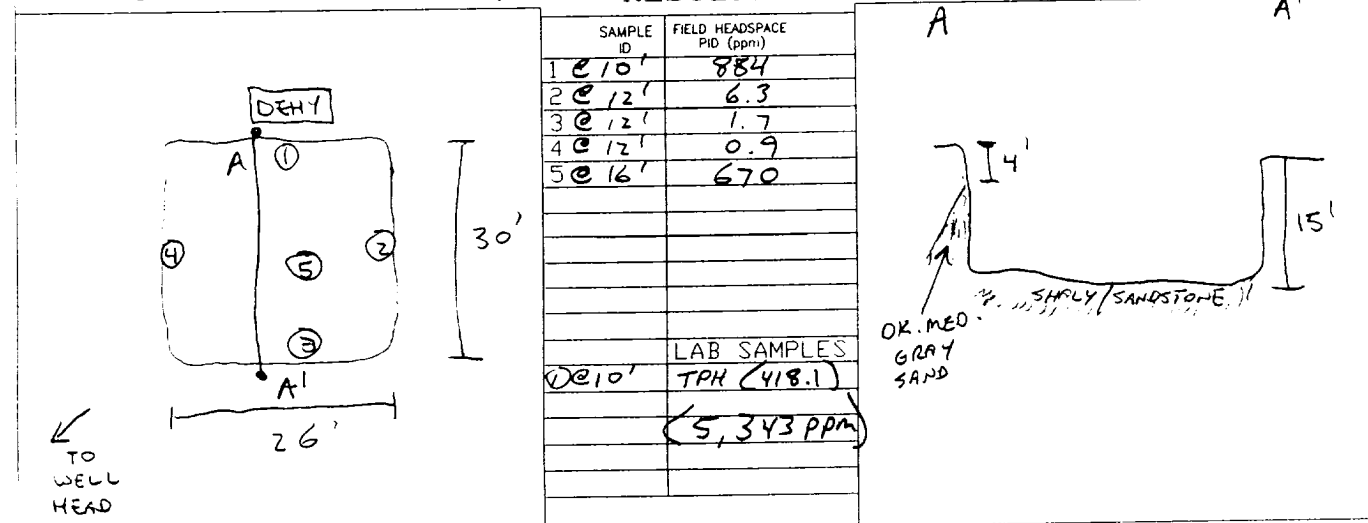


0 FT

PIT PERIMETER N

OVM RESULTS

PIT PROFILE



TRAVEL NOTES: (CALLOUT: <u>9/14/94</u> ON-SITE: <u>9/14/94</u>)
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**ON SITE
TECHNOLOGIES, LTD.**
TOTAL PETROLEUM HYDROCARBONS

Attn: *Nelson Velez*
Company: *Blagg Engineering*
Address: *P.O. Box 87*
City, State: *Bloomfield, NM 87413*

Date: 9/15/94
Lab ID: 2044
Sample No. 3041
Job No. 2-1000

Project Name: *Amoco Production*
Project Location: *Florance C LS 4 - 1 @ 10' - Dehy Pit*
Sampled by: NV Date: 9/14/94 Time: 10:45
Analyzed by: DC Date: 9/15/94
Type of Sample: *Soil*

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
3041-2044	<i>Amoco Production</i> <i>Florance C LS 4 - 1 @ 10' - Dehy Pit</i>	5,343 mg/kg

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by:
Date:

Ja H
9/15/94

CHAIN OF CUSTODY RECORD

ON SITE

TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
 1 AB: (505) 325-5667 • FAX: (505) 325-6256

80090

[illegible]

CLIENT <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>B0090</u> CDC NO: <u>8416</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME <u>FLORANCE C</u> LS WELL #: <u>4</u> PITS: <u>DEHY</u> QUAD/UNIT: <u>K</u> SEC: <u>29</u> TWP: <u>T28N</u> RNG: <u>R8W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u> STR/FOOTAGE: <u>NE/SW</u> CONTRACTOR: <u>P+S</u>	DATE STARTED <u>6/13/01</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>
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SOL REMEDIATION:

REMEDICATION SYSTEM: STOCKPILE

APPROX. CUBIC YARDAGE: 320

LAND USE: RANGE -BLM NM-03549

LIFT DEPTH (ft): N/A

FIELD NOTES & REMARKS:

DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'

NMOOD RANKING SCORE 0 NMOOD TPH CLOSURE STD: 5000 PPM P.C. - 9/14/94

VERY PALE ORANGE TO DK. YELL. BROWN SAND WITH GRAVEL (SANDSTONE & SHALE FRAGMENTS, NON COHESIVE, DRY TO SLIGHTLY MOIST, LOOSE TO FIRM, DISCOLORATION/STAINING EVIDENT IN ISOLATED & SMALL PATCHES ON BOTH STOCKPILES, NO APPARENT HC ODOOR DETECTED IN OUR SAMPLE, COLLECTED 5 PT. COMPOSITE SAMPLE FOR LAB ANALYSIS.

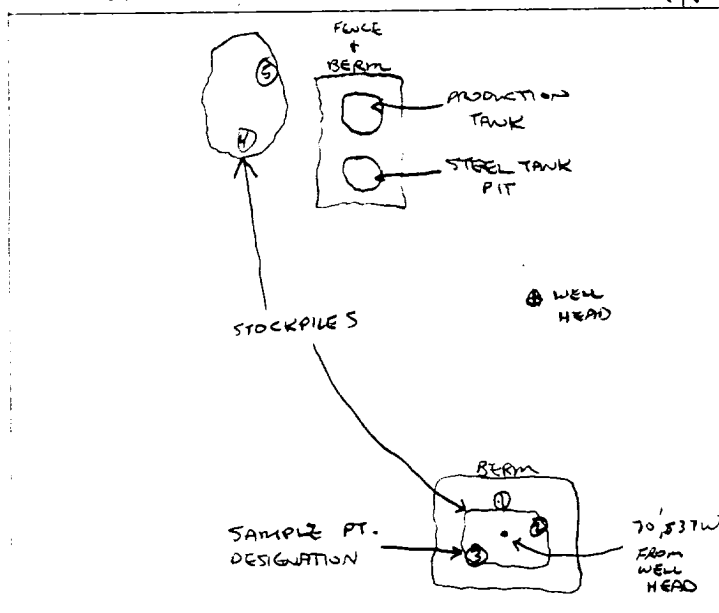
CLOSED

FIELD 418.1 CALCULATIONS

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

SKETCH/SAMPLE LOCATIONS

OVM CALIB. READ. 52.7 ppm
 TIME: 1000 am 6/13/01



OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
SP-1	2.1	SP-1	TPH (8015)	1030	165

SCALE

0 FT

TRAVEL NOTES: CALLCUT: N/A

ONSITE: 6/13/01

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

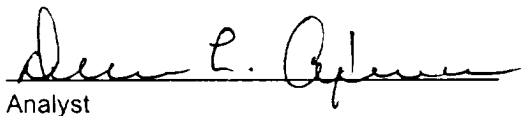
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	SP - 1	Date Reported:	06-15-01
Laboratory Number:	20027	Date Sampled:	06-13-01
Chain of Custody No:	8416	Date Received:	06-14-01
Sample Matrix:	Soil	Date Extracted:	06-14-01
Preservative:	Cool	Date Analyzed:	06-15-01
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

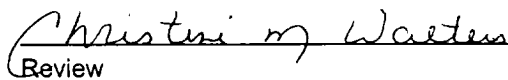
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.8	0.2
Diesel Range (C10 - C28)	164	0.1
Total Petroleum Hydrocarbons	165	0.1

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 C LS #4 Stockpile. 5 Pt. Composite.


Analyst


Review

CHAIN OF CUSTODY RECORD

08416

Client / Project Name		Project Location		ANALYSIS / PARAMETERS																					
BLADE / BP		FLORANCE LEASE																							
Sampler: NJV		Client No. 94034-010		Sample Matrix		No. of Containers		TPH (BOD5)				Remarks													
Sample No./ Identification	Sample Date	Sample Time	Lab Number																						
SP - 1	6/13/01	1030	20027				1	✓					PRESERVED COOL												
													STOCKPILE												
													FLORANCE C L5 #4												
LF - 1	6/13/01	1400	20028				1	✓					LANDFILL												
													FLORANCE C L5 #12												
													ALL SAMPLES												
													5 PT. COMPOSITE												
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time															
[Signature]		6/14/01		1449		[Signature]		6/14/01		1449															
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																									
<table border="1"> <tr> <td>Y</td> <td>N</td> <td>N/A</td> </tr> <tr> <td>✓</td> <td></td> <td></td> </tr> <tr> <td>Received Intact</td> <td></td> <td></td> </tr> <tr> <td>Cool - Ice/Blue Ice</td> <td>✓</td> <td></td> </tr> </table>														Y	N	N/A	✓			Received Intact			Cool - Ice/Blue Ice	✓	
Y	N	N/A																							
✓																									
Received Intact																									
Cool - Ice/Blue Ice	✓																								