

80106

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

DEC 11 3 1996

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

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: C. A. MCADAMS B # 2

Well Name

Location: Unit or Qtr/Qtr Sec E Sec 28 T27N R10W County SAN JUAN

Pit Type: Separator Dehydrator Other BLOW

Land Type: BLM X, State , Fee , Other

Pit Location: Pit dimensions: length 30', width 20', depth 12'
(Attach diagram)

Reference: wellhead X, other

Footage from reference: 235

Direction from reference: 60 Degrees East North X
of
X 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) 20

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): 20

Date Remediation Started: 9-29-94 Date Completed: 10-7-94

Remediation Method: Excavation X Approx. cubic yards 200
 (Check all appropriate sections) Landfarmed Insitu Bioremediation

Other COMPOST

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

General Description Of Remedial Action:

Excavation

Ground Water Encountered: No X 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 8'

Sample date 10-7-94 Sample time

Sample Results

Benzene(ppm)

Total BTEX(ppm)

Field headspace(ppm) ND

TPH 20 ppm

Ground Water 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 KNOWLEDGE AND BELIEF

DATE 10/14/94

SIGNATURE

B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
Environmental Coordinator

RESULTS TO EO P. 9-21-94 RFO / TO JOHN N. 10/10/94

CLIENT: <u>Amoco</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>80106</u> C.O.C. NO: _____
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FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION: NAME: C.A. MCADAMS	B WELL #: 2	PIT: BLOW	DATE STARTED: 9-29-94
QUAD/UNIT: E	SEC. 28	TWP. 27N	DATE FINISHED: 10-7-94
RNG 10W	BM: NM	CNTY: ST	ENVIRONMENTAL SPECIALIST: RES
QTR/FOOTAGE: SW/4	NW/4	CONTRACTOR: EPC	

SOIL REMEDIATION: EXCAVATION APPROX. 30 FT. x 20 FT. x 12 FT. DEEP.
DISPOSAL FACILITY: ON SITE - COMPOST CUBIC YARDAGE: 200
LAND USE: RANGE LEASE: FED. LSE# SF-077941-A

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 235 FEET N60°W FROM WELLHEAD
DEPTH TO GROUNDWATER: <50 NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'
NMOC RANKING SCORE: 20 NMOC TPH CLOSURE STD: 100 PPM PIT DISPOSITION: ABANDONED

SOIL AND EXCAVATION DESCRIPTION: MOIST, BROWN SILTY SAND AT SURFACE TO SILT CLAY
BOTTOM. HARD SILTSTONE BOTTOM. V. STIFF. NO ODOOR/SMELL
REMNANT OF CONTAMINATED SOIL APPEARS TO REMAIN IN SUBSOL.

FIELD 418.1 CALCULATIONS

FIELD 48: CALCULATIONS							
	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
②	ES@6'	1162	10.0	20.0	—	193	386
④	WS@6'	1163	10.0	20.0	—	480	960
⑥	WS@8'	1179	10.1	20.0	—	10	20

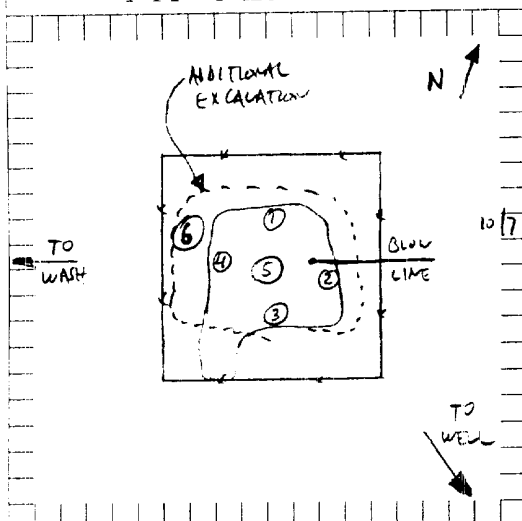
CLOSE PIT

10-7-94

SCALE

0 10 20 FT

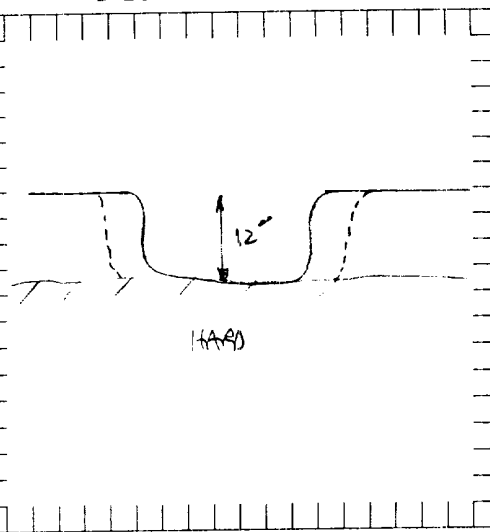
PIT PERIMETER



OVM RESULTS

[illegible]

PIT PROFILE



TRAVEL NOTES: CALLOUT: 9-29-94 ONSITE: 9-29-94 0830

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

**FIELD MODIFIED EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS**

Client: Amoco
Sample ID: E Side @ 6'
Project Location: C.A. Mc Adams B 2
Laboratory Number: TPH-1162

Project #:
Date Analyzed: 9-29-94
Date Reported: 9-29-94
Sample Matrix: Soil

Parameter -----	Result, mg/kg -----	Detection Limit, mg/kg -----
Total Recoverable Petroleum Hydrocarbons	390	10

ND = Not Detectable at stated detection limits.

QA/QC:	QA/QC Sample TPH mg/kg -----	Duplicate TPH mg/kg -----	% *Diff. -----
	372	416	11

*Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total
Recoverable, Chemical Analysis of Water and Waste,
USEPA Storet No.4551, 1978

Comments: Blow Pit - B0106

R. E. O'Neil
Analyst

J. C. Blagg
Review

BLAGG ENGINEERING, INC.

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**FIELD MODIFIED EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS**

Client:	Amoco	Project #:	
Sample ID:	W Side @ 6'	Date Analyzed:	9-29-94
Project Location:	C.A. Mc Adams B 2	Date Reported:	9-29-94
Laboratory Number:	TPH-1163	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
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Total Recoverable Petroleum Hydrocarbons	960	10

ND = Not Detectable at stated detection limits.

QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	-----	-----	-----
	372	416	11

*Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

Comments: Blow Pit - B0106

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Analyst

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**FIELD MODIFIED EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS**

Client:	Amoco	Project #:	
Sample ID:	W Side @ 8'	Date Analyzed:	10-7-94
Project Location:	C.A. McAdams B 2	Date Reported:	10-7-94
Laboratory Number:	TPH-1179	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	20	10

ND = Not Detectable at stated detection limits.

QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	4,020	4,220	5

*Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

Comments: Blow Pit - B0106

R. E. Onal
Analyst

Melvin Valle
Review

