

District I

P.O. Box 1980, Hobbs, NM

District II

P.O. Drawer DD, Aztec, NM 88211

DEPUTY OIL & GAS INSPECTOR

1000 Rio Brazos Rd, Aztec, NM 87410

DEC 03 1996

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

80198

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 C1E
Well Name
Location: Unit or Qtr/Qtr Sec B Sec 5 T 27N R 10W County SAN JUAN
Pit Type: Separator Dehydrator Other BLOW
Land Type: BLM X, State , Fee , Other

Pit Location: Pit dimensions: length 41', width 37', depth 27'
(Attach diagram) Reference: wellhead X, other
Footage from reference: 205'
Direction from reference: 20 Degrees East North
of X West South X

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: 12/28/94
Remediation Method: Excavation ☒ Approx. cubic yards 1600
(Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____
Other COMPOSTED

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

General Description Of Remedial Action: _____
Excavation - BEDROCK BOTTOM

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 21'

Sample date 12/28/94 Sample time 1025

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 276

TPH 620 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 1-3-95

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>80198</u> C.O.C. NO: <u>2518</u>
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FIELD REPORT: CLOSURE VERIFICATION	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>C.A. McAdams</u> WELL #: <u>CIE</u> PIT: <u>BLW</u>	DATE STARTED: <u>12/28/94</u> DATE FINISHED: _____
QUAD/UNIT: <u>B</u> SEC: <u>5</u> TWP: <u>27N</u> RNG: <u>10W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u>	ENVIRONMENTAL SPECIALIST: <u>NV</u>
QTR/FDDTAGE: <u>NW/4 NE/4</u> CONTRACTOR: <u>EPC</u>	

EXCAVATION APPROX <u>41</u> FT. x <u>37</u> FT. x <u>27</u> FT. DEEP. CUBIC YARDAGE: <u>1600</u>
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>COMPOSTED</u>
LAND USE: <u>RANGE</u> LEASE: <u>SF - 077491</u> FORMATION: <u>OK</u>

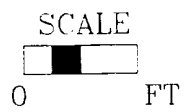
FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>205</u> FT. <u>SW</u> FROM WELLHEAD.
DEPTH TO GROUNDWATER <u>2100'</u> NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u>	
NMOCB RANKING SCORE: <u>0</u> NMOCB TPH CLOSURE STD: <u>5000</u> PPM	<input checked="" type="checkbox"/> CHECK ONE: <input checked="" type="checkbox"/> PIT ABANDONED <input type="checkbox"/> STEEL TANK INSTALLED
SOIL AND EXCAVATION DESCRIPTION:	

PALE YELL. BROWN (NORTH & EAST SIDEWALLS), MOD. YELL. BROWN (SOUTH & WEST SIDEWALLS), LT. GRAY (BOTTOM) SAND, NON-COHESIVE, SLIGHTLY MOIST, FIRM, STRONG HC 0002 IN SOUTH SIDEWALL & BOTTOM OUM SAMPLES.

BOTTOM - SANDSTONE HARD.

FIELD 418.1 CALCULATIONS

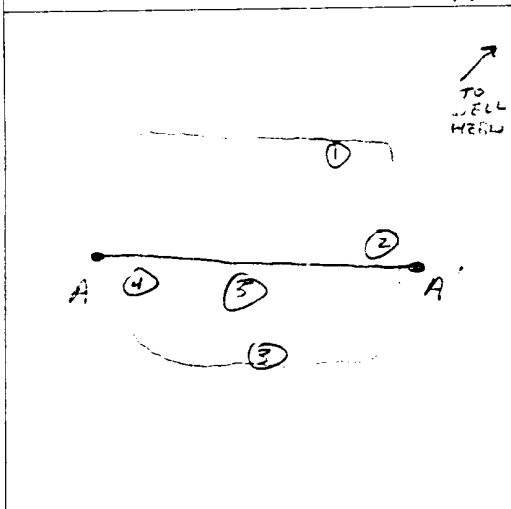
TIME	SAMPLE I.D.	LAB No	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
025	③E21'	TPH-1337	5	20	1:1	155	620



PIT PERIMETER

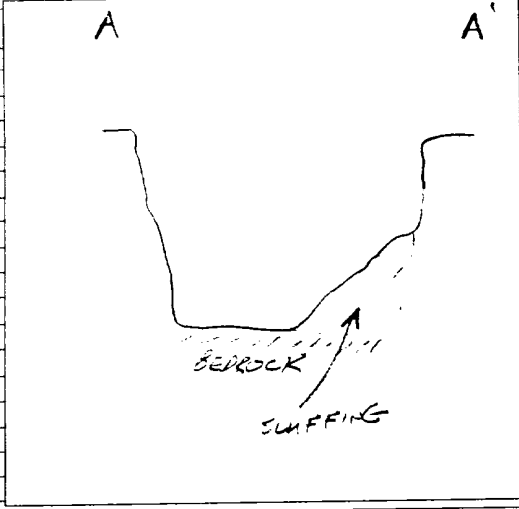
OVN RESULTS

PIT PROFILE



SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 ①17'	0.0
2 ②18'	28.4
3 ③21'	27.6
4 ④23'	6.4
5 ⑤27'	66.8

LAB SAMPLES		
SAMPLE ID	ANALYSIS	TIME
③E21'	BTEX	1025
B-	54 ppb	
TOT. BTEX-	957.2 ppb	
(PASSED)		



TRAVEL NOTES:	CALLOUT: <u>12/28/94</u>	ONSITE: <u>12/28/94</u>
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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	Project #:	
Sample ID:	3 @ 21'	Date Analyzed:	12-29-94
Project Location:	C.A. McAdams C 1 E	Date Reported:	12-29-94
Laboratory Number:	TPH-1337	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	620	20

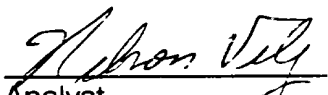
ND = Not Detectable at stated detection limits.

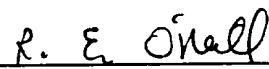
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	3560	3040	15.76

* 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 - B0198


Analyst


Review



OFF: (505) 325-8786

LAB: (505) 325-5667

AROMATIC VOLATILE ORGANICS

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

Date: 12/30/94
Lab ID: 2518
Sample ID: 4553
Job No. 2-1000

Project Name: **C. A. McAdams C 1 E**
Project Location: **3 @ 21' - Blow Pit**
Sampled by: NV Date: 12/28/94
Analyzed by: DLA Date: 12/30/94
Sample Matrix: Soil

Time: 10:25

Aromatic Volatile Organics

Component	Measured Concentration ug/kg	Detection Limit Concentration ug/kg
<i>Benzene</i>	5.4	0.2
<i>Toluene</i>	64.0	0.2
<i>Ethylbenzene</i>	341.7	0.2
<i>m,p-Xylene</i>	374.6	0.2
<i>o-Xylene</i>	71.5	0.2
TOTAL 857.2 ug/kg		

ND - Not Detectable

Method - SW-846 EPA Method 8020 Aromatic Volatile Organics by Gas Chromatography

Approved by: *Ja G*

Date: 12/30/94

P. O. BOX 2606 • FARMINGTON, NM 87499