

District I
P.O. Box 19800 Hobbs, NM

District II
P.O. Drawer DD, Artesia, NM 88211

District III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

DEPUTY OIL & GAS INSPECTOR

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DEC 0/3 1996

PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company Telephone: (505) - 326-9200
Address: 200 Amoco Court, Farmington, New Mexico 87401
Facility or: KUTZ DEEP TEST D1E
Well Name
Location: Unit or Qtr/Qtr Sec I Sec 27 T 28N R 10W County SAN JUAN
Pit Type: Separator Dehydrator other BLOW
Land Type: BLM , State , Fee , other COM. AGMT.

Pit Location: Pit dimensions: length NA, width NA, depth NA
(Attach diagram) Reference: wellhead X, other
Footage from reference: 165'
Direction from reference: 18 Degrees X East North X
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) 0
Greater than 100 feet (0 Points)

Wellhead Protection Area:
(Less than 200 feet from a private
domestic water source, or; less than
1000 feet from all other water sources)

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Yes (20 points) 0
No (0 points)

OIL CON. DIV.
DIST. 3

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) 0
Greater than 1000 feet (0 points)

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: _____ Date Completed: 10/24/94

Remediation 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 - SAMPLING TRENCHES

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 7'

Sample date 10/24/94 Sample time 1110

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 38.2

TPH 52 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 10/24/94

SIGNATURE

B. Shaw

PRINTED NAME
 AND TITLE

Buddy D. Shaw
Environmental Coordinator

TRAVEL NOTES: CALLOUT: 10/24/94 ONSITE: 10/24/94

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:	2 @ 7'	Date Analyzed:	10-24-94
Project Location:	Kutz Deep Test D 1 E	Date Reported:	10-24-94
Laboratory Number:	TPH-1215	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	52	20

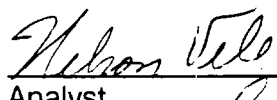
ND = Not Detectable at stated detection limits.

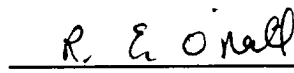
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	1024	1044	1.93

*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 - B0132


Analyst


Review

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

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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Santa Fe, New Mexico 87504-2088

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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: KUTZ DEEP TEST D1E
Well NameLocation: Unit or Qtr/Qtr Sec I Sec 27 T 28N R 10W County SAN JUANPit Type: Separator ☒ Dehydrator ☐ Other ☐Land Type: BLM ☐, State ☐, Fee ☐, Other Com. AGMT.Pit Location: Pit dimensions: length 14', width 17', depth 21'
(Attach diagram)Reference: wellhead ☒, other ☐Footage from reference: 158'Direction from reference: 0 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: 10/25/94

Remediation Method: Excavation ☒
(Check all appropriate sections)

Approx. cubic yards 185

Landfarmed ☒

Insitu Bioremediation _____

Other _____

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

General Description Of Remedial Action: _____

Excavation

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 17'

Sample date 10/24/94

Sample time 0952

Sample Results

Benzene(ppm) 0.045

Total BTEX(ppm) 45.707

Field headspace(ppm) 1201

TPH 3,360 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 10/25/94

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>80132</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>KUTZ DEEP TEST</u> WELL #: <u>D1E</u> PIT: <u>SEP</u>		DATE STARTED: <u>10/24/94</u> DATE FINISHED: _____
QUAD/UNIT: <u>I</u> SEC: <u>27</u> TWP: <u>28N</u> RNG: <u>10W</u> PM: <u>NM</u> CNTY: <u>ST NM</u>		ENVIRONMENTAL SPECIALIST: <u>NV</u>
QTR/FOOTAGE: <u>NE 1/4 SE 1/4</u> CONTRACTOR: <u>EPC</u>		

EXCAVATION APPROX. <u>14</u> FT. x <u>17</u> FT. x <u>21</u> FT. DEEP.	CUBIC YARDAGE: <u>185</u>
DISPOSAL FACILITY: <u>ON-SITE</u>	REMEDIATION METHOD: <u>LANDFARM</u>
LAND USE: <u>RANGE</u>	LEASE: <u>SF-07383-A</u> FORMATION: <u>OK</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>158</u> FT. <u>ONE EAST</u> FROM WELLHEAD.
DEPTH TO GROUNDWATER: <u>2100'</u>	NEAREST WATER SOURCE: <u>21000'</u> NEAREST SURFACE WATER: <u>21000'</u>
NMOCB RANKING SCORE: <u>0</u>	NMOCB TPH CLOSURE STD: <u>5060</u> PPM

CHECK ONE:
<input type="checkbox"/> PIT ABANDONED
<input checked="" type="checkbox"/> STEEL TANK INSTALLED

SOIL AND EXCAVATION DESCRIPTION:

MED. TO LT. GRAY (BOTTOM) SAND, EXCEPT EAST SIDEWALL (MED. YELL. BROWN), NON-COHESIVE, SLIGHTLY MOIST, FIRM, STRONG HC ODOR IN ALL OVM SAMPLES EXCEPT EAST SIDEWALL (NO APPARENT HC ODOR).

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
0952	(3) @ 17'	TAH-1214	5	20	10:1	84	3,360

SCALE



0 FT

PIT PERIMETER



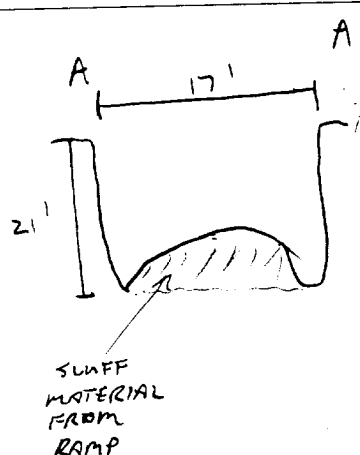
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 17'	509
2 @ 16'	5.9
3 @ 17'	1201
4 @ 16'	1033
5 @ 22'	1065

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
(3) @ 17'	BTEX	0952

PIT PROFILE



TRAVEL NOTES

CALLOUT: 10/24/94

ONSITE: 10/24/94

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 @ 17'	Date Analyzed:	10-24-94
Project Location:	Kutz Deep Test D 1 E	Date Reported:	10-24-94
Laboratory Number:	TPH-1214	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	3,400	200

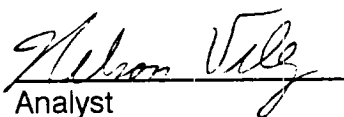
ND = Not Detectable at stated detection limits.

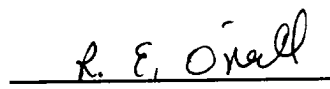
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	1024	1044	1.93

*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: Separator Pit - B0132


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: 10/25/94
Lab ID: 2161
Sample ID: 3717
Job No. 2-1000

Project Name: *Kutz Deep Test D1E*
Project Location: *3 @ 17' - Separator Pit*
Sampled by: NV Date: 10/24/94
Analyzed by: DLA Date: 10/25/94
Sample Matrix: *Soil*


Time: 9:52

Aromatic Volatile Organics

Component	Measured Concentration ug/kg	Detection Limit Concentration ug/kg
<i>Benzene</i>	<i>45</i>	<i>0.2</i>
<i>Toluene</i>	<i>5,748</i>	<i>0.2</i>
<i>Ethylbenzene</i>	<i>6,023</i>	<i>0.2</i>
<i>m,p-Xylene</i>	<i>30,019</i>	<i>0.2</i>
<i>o-Xylene</i>	<i>3,873</i>	<i>0.2</i>
	<i>TOTAL 45,707 ug/kg</i>	

ND - Not Detectable

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

Approved by: 
Date: 10/25/94

P. O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -