

District I

P.O. Box 1980, Hobbs, NM

District II

P.O. Drawer DD, Artesia, NM 88211

District III

1000 Rio Brazos Rd, Artesia, 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

DEC 03 1996

PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company Telephone: (505) - 326-9200
 Address: 200 Amoco Court, Farmington, New Mexico 87401
 Facility Or: MICHENER LS S
 Well Name _____
 Location: Unit or Qtr/Qtr Sec I sec 15 T 28N R 9W county SAN JUAN
 Pit Type: Separator ☒ Dehydrator _____ Other _____
 Land Type: BLM _____, State _____, Fee _____, Other Com. AGMT.

Pit Location: Pit dimensions: length 11', width 11', depth 9'
 (Attach diagram) Reference: wellhead ☒, other _____
 Footage from reference: 17'
 Direction from reference: 25 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)

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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: 12/13/94

Remediation Method: Excavation ☒ Approx. cubic yards 16
 (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

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 6'

Sample date 12/13/94 Sample time 1400

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 10.3

TPH 60 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 12/13/94

SIGNATURE B. Shaw PRINTED NAME AND TITLE Buddy D. Shaw
ENVIRONMENTAL COORDINATOR

CLIENT: AMOCO

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

LOCATION NO: 80188
C.D.C. NO: _____

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: MICHENER LS WELL #: 5 PIT: SEP

QUAD/UNIT: I SEC: 15 TWP: 28N RNG: 9W PM: NM CNTY: ST. ALB.

QTR/FOOTAGE: 840' FSL/1180' FEL CONTRACTOR: A. VELASQUEZ

DATE STARTED: 12/13/94
DATE FINISHED: _____

ENVIRONMENTAL SPECIALIST: NV

EXCAVATION APPROX. 11 FT. x 11 FT. x 9 FT. DEEP. CUBIC YARDAGE: 16

DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: LANDFARMED

LAND USE: RANGE LEASE: SF-077111 FORMATION: APC

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 17 FT. S 35 W FROM WELLHEAD.

DEPTH TO GROUNDWATER: 2100' NEAREST WATER SOURCE: 21000' NEAREST SURFACE WATER: 21000'

NMCD RANKING SCORE: 0 NMCD TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION: ELEV. 5944'

CHECK ONE:

☐ PIT ABANDONED

☒ STEEL TANK INSTALLED

LT. BROWN (EAST SIDEWALL), DK. YELL. ORANGE TO MOD. YELL. BROWN SAND, NON-COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT HC ODOR IN ANY OF THE OVM SAMPLES.

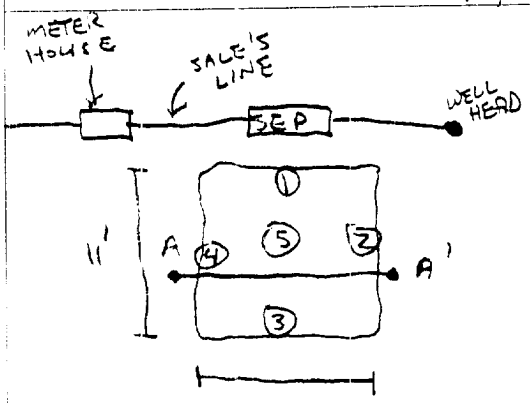
CLOSED



FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No.	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1400	⑤ @ 6'	TPH-1324	5	20	1:1	15	60

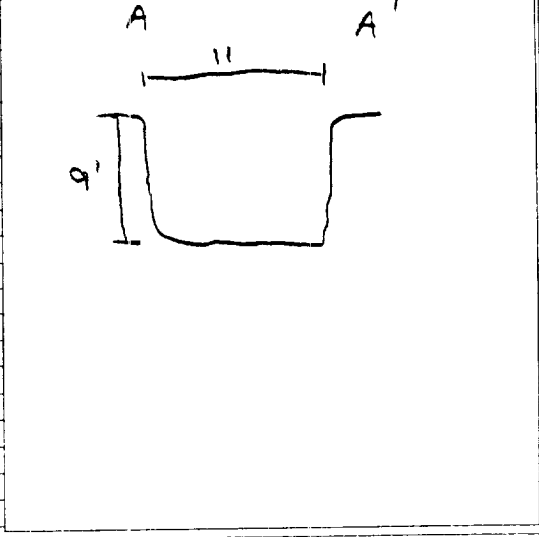
PIT PERIMETER



OVM RESULTS

SAMPLE ID	FIELD HEADSPACE FID (ppm)
1 @ 6'	0.0
2 @ 6'	10.3
3 @ 5'	0.0
4 @ 6'	0.0
5 @ 10'	0.0

PIT PROFILE



LAB SAMPLES		
SAMPLE ID	ANALYSIS	TIME

TRAVEL NOTES: CALLOUT: 12/13/94 ONSITE: 12/13/94

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
Sample ID: 2 @ 6'
Project Location: Michener LS 5
Laboratory Number: TPH-1324

Project #:
Date Analyzed: 12-13-94
Date Reported: 12-13-94
Sample Matrix: Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	60	20

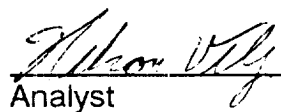
ND = Not Detectable at stated detection limits.

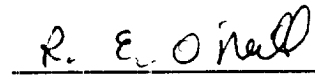
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	3560	3040	15.76

*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: Separator Pit - B0188


Analyst


Review