OK B0221
LF at another site

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
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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OIL CON. DIV.
DIST. 3

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: Well Name FRED FEASEL A #1

Location: Unit or Qtr/Qtr Sec I Sec 32 T 28 N R 10 W County SAN JUAN

Pit Type: Separator ___ Dehydrator ___ Other BLOW / COMPR.

Land Type: BLM X, State ___, Fee ___, Other ___

Pit Location: (Attach diagram)
Pit dimensions: length 25', width 25', depth 3'
Reference: wellhead X, other ___
Footage from reference: 170
Direction from reference: 75 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)	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

B0221

Date Remediation Started: _____ **Date Completed:** 2-17-95

Remediation Method: (Check all appropriate sections)
Excavation ~~X~~ OK Approx. cubic yards 65
Landfarmed X NV Insitu Bioremediation ___
Other ~~COMPOST~~ NV

Remediation Location: (ie. landfarmed onsite, name and location of offsite facility)
Onsite ~~X~~ NV Offsite X FERSEL, FRED LF #1E EE #4 NV

General Description Of Remedial Action: Excavation

Ground Water Encountered: No X 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 2'
Sample date 2-17-95 Sample time _____
Sample Results
Benzene(ppm) _____
Total BTEX(ppm) _____
Field headspace(ppm) 16
TPH 628 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 2-23-95
SIGNATURE B J Shaw
PRINTED NAME AND TITLE Buddy D. Shaw Environmental Coordinator

RESULTS TO JOHNNY 2-17-95 RLG

RLG

CLIENT: AMOCO	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: B0221 C.O.C. NO: —

FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION: NAME: FRED FEASEL A WELL #: 1 PIT: BLOW/COMP. DATE STARTED: 2-17-95
QUAD/UNIT: I SEC: 32 TWP: 28 N RNG: 10 W BM: NM CNTY: SJ ST: NM DATE FINISHED: —
QTR/FOOTAGE: NE/SE CONTRACTOR: EPC ENVIRONMENTAL SPECIALIST: RLG

EXCAVATION APPROX. 25 FT. x 25 FT. x 3 FT. DEEP. CUBIC YARDS: 65
DISPOSAL FACILITY: ~~ON-SITE~~ FEASEL, FRED 1 & 1E REMEDIATION METHOD: ~~LANDFARM~~ COMPOST ~~ON~~
LAND USE: RANGE LEASE: SF-046563 FORMATION: —

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 170 FEET N75°W FROM WELLHEAD.
DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'
NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

SOIL AND EXCAVATION DESCRIPTION: PIT DISPOSITION: ACTIVE → TO BE ABANDONED

MOIST BROWN SAND → SANDSTONE BOTTOM - NO ODOR / STAIN.

5-6-96 NO SOIL ON LOCATION - MOVED TO FRED FEASEL 1E

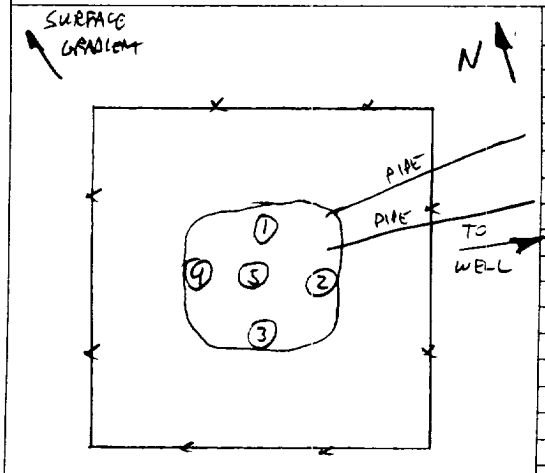
CLOSE PIT

FIELD 418.1 CALCULATIONS

SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
WS-2'	1374	10.0	20.0	—	314	628

SCALE
0 10 20 FT

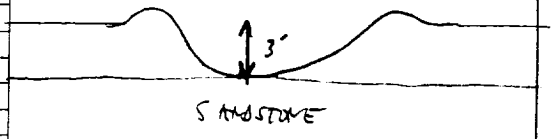
PIT PERIMETER



OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 NS-2'	0
2 ES-2'	12
3 SS-2'	0
4 WS-2'	16
5 CB-4'	0
LAB	SAMPLES

PIT PROFILE



TRAVEL NOTES: CALLOUT: 2-15-95 ONSITE: 2-17-95 0930

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:	W. Side @ 2'	Date Analyzed:	2-17-95
Project Location:	Fred Feasel A 1	Date Reported:	2-17-95
Laboratory Number:	TPH-1374	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	**630**	**10**

ND = Not Detectable at stated detection limits.

QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	4,760	4,400	8

*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/Compressor Pit - B0221

R. E. O'Neill
Analyst

Review

BLAGG ENGINEERING, INC.
P.O. Box 87, Bloomfield, New Mexico 87413
Phone: (505)632-1199 Fax: (505)632-3903

Field TPH-Worksheet

Max Characters:	********** **********		
Client:	Amoco	Project #:	
Sample ID:	W. Side @ 2'	Date Analyzed:	2-17-95
Project Location:	Fred Feasel A 1	Date Reported:	2-17-95
Laboratory Number:	TPH-1374	Sample Matrix:	Soil

Sample Weight:	10.00	grams
Volume Freon:	20.00	mL
Dilution Factor:	1	(unitless)
TPH Reading:	314	mg/kg

TPH Result:	628.0	mg/kg
Reported TPH Result:	630.0	mg/kg
Actual Detection Limit:	10.0	mg/kg
Reported Detection Limit	10	mg/kg

QA/QC:

Original TPH mg/kg	Duplicate TPH mg/kg	% Diff.
4760	4400	8

Comments: **********Max Characters**********

Comments: Blow/Compressor Pit - B0221