District II
P.O. Box 1910, Hobbs, NM E

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

District III
1000 Rio Brazos Rd, Azale FRM 80470 1996

State of New Mexico Energy, Minerals and Natural Resources Department SUBMIT 1 COPY TO APPROPRIATE DISTRICT OFFICE AND 1 COPY TO SANTA FE OFFICE

## OIL CONSERVATION DIVISION

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

# PIT REMEDIATION AND CLOSURE REPORT

	Telephone: (505) - 326-9200
Address: 200 Amoco Court, Farm	ington, New Mexico 87401
Facility Or: FEDERAL F *  Well Name	
Location: Unit or Qtr/Qtr Sec H	Sec 6 T27 N R 10 W County SAN JUAN
Pit Type: Separator $X$ Dehydrator	Other
Land Type: BLM_X, State, Fe	e, Other
Pit Rocation: 2 Pit dimensions: 1 (Attach diagram)  DEPUTY OIL & GAS Respectore: wellhe  DEC 11 9 1990 tage from refer	ength $18'$ , width $18'$ , depth $15'$ ad $X$ , other
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)
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources)	DECEIVED  SEP 2 0 1994  Yes (20 points) No (0 points)  OIL CON. DIV.  DIST. 2
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)
1	RANKING SCORE (TOTAL POINTS):

Date Remediation St	arted:	Date Completed:	9-8-94
Remediation Method:	Excavation $X$	Approx. cubic yards	180
(Check all appropriate sections)	Landfarmed $X$	Insitu Bioremediation	
	Other		
Remediation Location (ie. landfarmed onsite, name and location of offsite facility)		fsite	
General Description	Of Remedial Action	n:	
Excavatio	on		
Ground Water Encoun	tered: No $X$	Yes Depth	
Final Pit: Closure Sampling: (if multiple samples,	Sample location _	see Attached Documents	
attach sample results and diagram of sample locations and depths)	Sample depth 12	2-14'	
	Sample date		
	Sample Results		
	Benzene(ppm)	0.0089	
	Total BTEX(p	pm) <u>3.703</u>	
	Field headsp	ace(ppm) <u>471-720</u>	
	TPH 720 PP	<u>m</u>	
Ground Water Sample	: Yes No _	$\overline{X}$ (If yes, attach sample	results)
I HEREBY CERTIFY TH OF MY KNOWLEDGE AND		ABOVE IS TRUE AND COMPLE	TE TO THE BEST
DATE 9/13/94 SIGNATURE SS	PRINTED AND TIT		haw Coordinator

KEZNOW TO DOATH! 8-13-84 IB LOCATION NO. BOUSZ BLAGG ENGINEERING, INC. CLIENT: AMOW P.O. BOX 87, BLOOMFIELD, NM 87413 C.D.C. ND: \_\_\_\_ (505) 632-1199FIELD REPORT: PIT CLOSURE VERIFICATION DATE STARTED: 5-8-34 LOCATION: NAME: FEDERAL F WELL #: PIT: SEMENTOR DATE FINISHED: QUAD/UNIT: H SEC: 16 TWP: 27 N RNG: 10W BM: NM CNTY: 55 ST: NM ENVIRONMENTAL JCE OTR/FOUTAGE: SE/4 NE/4 CONTRACTOR: FIFC SOIL REMEDIATION: EXCAVATION APPROX. 13 FT. x 18 FT. x 15 FT. DEEP. DISPOSAL FACILITY: ON SITE LANDFARMING CUBIC YARDAGE: 190 LAND USE: PLM RANGELAND LEASE: SF077382 HELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 170 FEET \$60° W FROM WELLHEAD DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000 NMOUD PANKING SCORE: \_\_\_\_\_ NMOCD TPH CLOSURE STD: 5000 FPM SOIL AND EXCAVATION DESCRIPTION: PIT SIDEWALLS WORLDAYS SITE OD. - TELE HARD STALE ESTEXY. EXCLUSION SQUARE WITH VERTICAL WALLS FIRST LEUN ON EAST WALL. FIELD 418.1 CALCULATIONS WEIGHT (g) rnL. FREON DILUTION READING CALC. ppm SAMPLE I.D. LAB No: 720 360 20.0 10.0 1121 Composi +0 **399**+Î SCALE FT OVM PIT PROFILE PIT PERIMETER RESULTS SAMPLE FIELD HEADSPACE 1 BASE @ 15' 20.3 2 North C 720 519 350-1-314 4 EA - 2 12 471 5 Wort @ 14 LAB SAMPLES ΛN TRAVEL NOTES: CALLOUT: 11:00 Art

### 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:

Composite NSEW @ 12-14'

Project Location: Laboratory Number: Federal F 1

TPH-1121

Project #:

Date Analyzed:

9-08-94

Date Reported: Sample Matrix:

9-08-94 Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg	
	*****		
Total Recoverable			
Petroleum Hydrocarbons	720	10	

ND = Not Detectable at stated detection limits.

QA/QC:

QA/QC Sample TPH mg/kg

Duplicate TPH mg/kg % \*Diff.

440

450

2

Method:

Modified Method 418.1, Petroleum Hydrocarbons, Total

Recoverable, Chemical Analysis of Water and Waste.

USEPA Storet No.4551, 1978

Comments:

Separator Pit - B0082

Anadýst ....

Review

<sup>\*</sup>Administrative Acceptance limits set at 30%.



#### AROMATIC VOLATILE ORGANICS

Attn:

Jeff Blagg

Date:

9/10/94

Company: Blagg Engineering, Inc.

Lab ID:

2040

Address:

P.O. Box 87 City, State: Bloomfield, NM 87413

Sample ID: Job No.

Time:

2949 2-1000

Project Name:

Federal F #1

Project Location:

Sidewall Composite - Separator Pit

Date:

Date:

Sampled by: Analyzed by: JB

DLA

9/8/94 9/10/94 13:00

Sample Matrix:

Soil

#### Aromatic Volatile Organics

Component	Measured Concentration ug/kg	Detection Limit Concentration ug/kg
Benzene	8.9	0.2
Toluene	61	0.2
Ethylbenzene	191	0.2
m,p-Xylene	2,755	0.2
o-Xylene	686	0.2
	TOTAL 3,703 ug/kg	

ND - Not Detectable

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

Approved by: