

OK - 12/13/01

B0002

District I

P.O. Box 1980, Hobbs, NM

District II

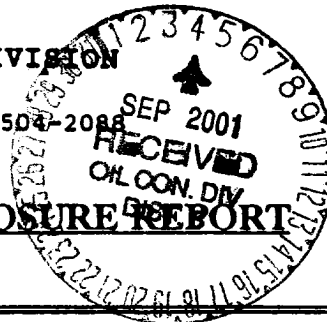
P.O. Drawer DD, Artesia, NM 88211

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 87504-2088SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICEPIT REMEDIATION AND CLOSURE REPORTOperator: AMOCO PRODUCTION COMPANY Telephone: 326-9200Address: 200 AMOCO COURT, FARMINGTON, NM 87401Facility Or: WARREN LS II
Well NameLocation: Unit or Qtr/Qtr Sec A Sec 13 T28N R 9W County SAN JUANPit Type: Separator Dehydrator ✓ Other Land Type: BLM ✓, State , Fee , Other Pit Location: Pit dimensions: length 15', width 15', depth 8'
(Attach diagram)Reference: wellhead ✓, other Footage from reference: 17'Direction from reference: 35 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) 10

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) 10RANKING SCORE (TOTAL POINTS): 20

Date Remediation Started: _____ Date Completed: 6/7/94

Remediation Method: Excavation ☒
(Check all appropriate sections) Landfarmed ☒

Approx. cubic yards 70

Insitu Bioremediation _____

Other _____

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

General Description Of Remedial Action: _____

EXCAVATION. BEDROCK BOTTOM.

DMOD letter correspondence

12-19-94

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 "CLOSURE VERIFICATION" SHEET

Sample depth 8'

Sample date 6/7/94

Sample time 0940

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 0.0

TPH 15

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 6/13/94

SIGNATURE

B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
ENVIRONMENTAL COORDINATOR

RESULTS GIVEN TO BOB MCCOY 6/9/94

CLIENT: <u>Amoco</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>B0002</u> C.O.C. NO: <u>1559</u>
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FIELD REPORT: CLOSURE VERIFICATION		JOB No: <u> </u> PAGE No: <u>1</u> of <u>1</u>
LOCATION: NAME: <u>WARREN</u> LS WELL #: <u>11</u> PIT: <u>DEHY</u>		DATE STARTED: <u>6/7/94</u> DATE FINISHED: <u>6/7/94</u>
QUAD/UNIT: <u>A</u> SEC: <u>13</u> TWP: <u>28N</u> RNG: <u>9W</u> BM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u>		ENVIRONMENTAL SPECIALIST: <u>NV</u>
QTR/FOOTAGE: <u>N2/4</u> <u>N2/4</u> CONTRACTOR: <u>P. VELASQUEZ</u>		

SOIL REMEDIATION: EXCAVATION APPROX. 15 FT. x 15 FT. x 8 FT. DEEP.
DISPOSAL FACILITY: LANDFARMED ON-SITE CUBIC YARDAGE: 1840 cu yd
LAND USE: RANGE LEASE: SF-077123 ELEV. 5814'

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 17 FEET N35E FROM WELLHEAD.
DEPTH TO GROUNDWATER: 50-100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: <1000
NMOCB RANKING SCORE: 20 NMOCB TPH CLOSURE STD: 100 PPM FM. - APC

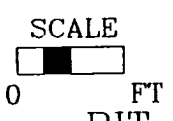
SOIL AND EXCAVATION DESCRIPTION: DR. YELL. ORANGE TO BROWN SAND, NON-COHESIVE, DRY, DENSE, NO APPARENT HC ODOR. BOTTOM CONSIST OF BEDROCK.

BEDROCK
BOTTOM

CLOSED

FIELD 418.1 CALCULATIONS

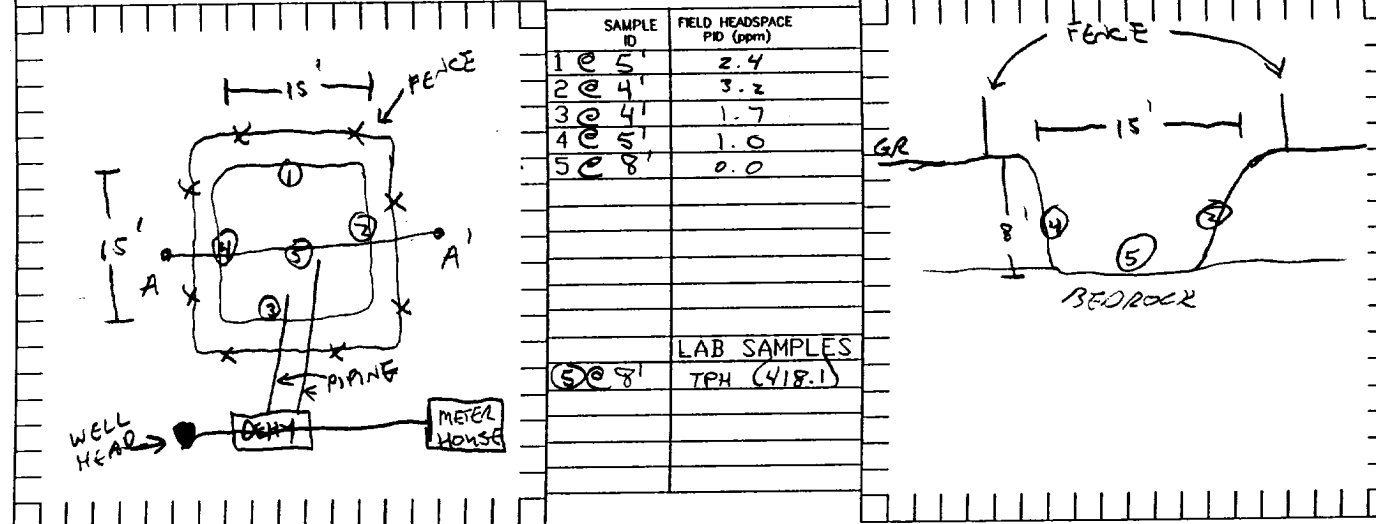
SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm



PIT PERIMETER

OVM RESULTS

PIT PROFILE



TRAVEL NOTES: CALLOUT: 6/6/94 ONSITE: 6/7/94

**ON SITE
TECHNOLOGIES, LTD.**
TOTAL PETROLEUM HYDROCARBONS

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

Date: *6/9/94*
Lab ID: *1559*
Sample No. *1643*
Job No. *2-1000*

Project Name: *Amoco Production*
Project Location: *Warren LS 11; 5 @ 8ft. - Dehy Pit*
Sampled by: *NV* Date: *6/7/94* Time: *940*
Analyzed by: *TT* Date: *6/8/94*
Type of Sample: *Soil*

Laboratory Analysis

Laboratory Identification	Sample Identification	Total Petroleum Hydrocarbons
<i>1643-1559</i>	<i>Amoco Production Warren LS 11; 5 @ 8ft. - Dehy Pit</i>	<i>15 mg/kg</i>

Method - EPA Method 418.1 Total Petroleum Hydrocarbons

Approved by: *[Signature]*
Date: *6/9/94*

FAX: (505) 327-1496 ■ 24 HR. - (505) 327-7105 ■ OFF.: (505) 325-8786
3005 NORTHRIDGE DRIVE ■ SUITE F ■ P. O. BOX 2606 ■ FARMINGTON, NEW MEXICO 87499



651-20

Date: 6/7/94

Page 1 of 1

657 W. Maple ■ P. O. Box 2606 ■ Farmington, NM 87499
LAB: (505) 325-5667 ■ FAX: (505) 325-6256

80002

[illegible]

Distribution: White – On Site	Yellow – LAB	Pink – Sampler	Goldenrod – Client
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CLIENT: BP

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

LOCATION NO: 80062
C.D.C. NO: 8419

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: WARREN LS WELL #: 11 PITS: DEHY.

DATE STARTED: 6/15/01
DATE FINISHED: _____

QUAD/UNIT: A SEC: 13 TWP: 28N RNG: 9W PM: NM CNTY: SJ ST: NM

QTR/FOOTAGE: _____ NEINE CONTRACTOR: P+S

ENVIRONMENTAL SPECIALIST: NV

SOIL REMEDIATION:

REMEDIATION SYSTEM: LANDFARM/BACKFILL

APPROX. CUBIC YARDAGE: 40.

LAND USE: RANGE - BUN

LIFT DEPTH (ft): N/A

FIELD NOTES & REMARKS:

DEPTH TO GROUNDWATER: <100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'

NMOCB RANKING SCORE: 10 NMOCB TPH CLOSURE STD: 1000 PPM P.C. - 6/7/94

PALE YEL. TO MOD. BROWN SILTY SAND TO SILTY CLAY, NON TO SLIGHTLY ADHESIVE, DRY TO SLIGHTLY MOIST, FIRM TO STIFF, NO NOTICEABLE DISCOLORATION/STAINING OBSERVED OR HC 0002 DETECTED @ ANY OF THE SAMPLE PTS. OR OVM SAMPLE, SAMPLE DEPTHS RANGED FROM 6"-12", COLLECTED 5 PT. COMPOSITE SAMPLE FOR LAB ANALYSIS.

ASSUMED (BASED ON SOIL COLOR DIFFERENTIATION) EXCAVATION PIT WAS BACKFILLED WITH SAME SOIL & THAT CONTAMINATED PORTION WAS PLACED @ PIT SURFACE. TOTAL QUANTITY REMEDIATED UNCERTAIN.

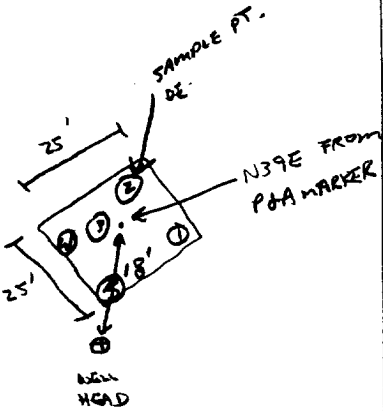
CLOSED

FIELD 418.1 CALCULATIONS P+A LOCATION

SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm

SKETCH/SAMPLE LOCATIONS

DVM CALIB. READ. 52.8 ppm
TIME: 0830 @m pm 6/15/01



OVM RESULTS LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	1.6	LF-1	TPH (8015)	1330	ND

SCALE

0 FT

TRAVEL NOTES: CALLOUT: N/A ONSITE: 6/15/01

revised: 03/12/01 bei1006.skd

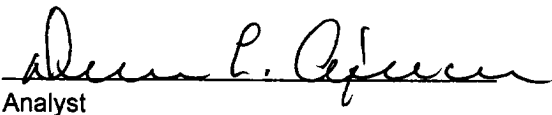
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	LF - 1	Date Reported:	06-20-01
Laboratory Number:	20072	Date Sampled:	06-15-01
Chain of Custody No:	8419	Date Received:	06-18-01
Sample Matrix:	Soil	Date Extracted:	06-19-01
Preservative:	Cool	Date Analyzed:	06-19-01
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.1

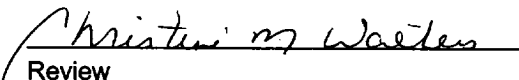
ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Warren LS 11 Landfarm. 5 Pt. Composite.



Analyst



Review

