

Sep - OK - 12/14/01

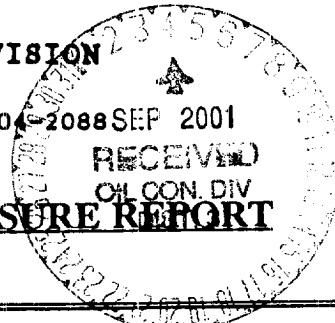
80196

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

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: McCulley LS 8
Well Name
Location: Unit or Qtr/Qtr Sec E Sec 14 T 28N R 9W County SAN JUAN
Pit Type: Separator ☒ Dehydrator ☐ Other ☐
Land Type: BLM ☒ State ☐ Fee ☐ Other ☐

Pit Location: Pit dimensions: length 12', width 13', depth 9'
(Attach diagram) Reference: wellhead ☒, other ☐
Footage from reference: 18'
Direction from reference: 15 Degrees ☐ East North ☐
☒ of ☐ West South ☒

Depth To Ground Water: Less than 50 feet (20 points)
(Vertical distance from 50 feet to 99 feet (10 points)
contaminants to seasonal Greater than 100 feet (0 Points) 0
high water elevation of
ground water)

Wellhead Protection Area: Yes (20 points) 0
(Less than 200 feet from a private No (0 points) 0
domestic water source, or; less than
1000 feet from all other water sources)

Distance To Surface Water: Less than 200 feet (20 points)
(Horizontal distance to perennial 200 feet to 1000 feet (10 points) 0
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points)
irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: _____ Date Completed: 12/29/94

Remediation Method: Excavation ☒ Approx. cubic yards 20
(Check all appropriate sections) Landfarmed ☒ Insitu Bioremediation ☐
Other LANDFARMED

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

General Description Of Remedial Action: _____
Excavation

DMOCD letter correspondence 11-22-96

Ground Water Encountered: No ☒ Yes ☐ Depth _____

Final Pit: Sample location see Attached Documents
Closure Sampling: _____
(if multiple samples, attach sample results and diagram of sample locations and depths)

Sample depth 6'

Sample date 12/27/94 Sample time 1200

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 20.8

TPH 36 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 12/29/94

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>80/96</u> C.O.C. NO: _____
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FIELD REPORT: CLOSURE VERIFICATION	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>McCulley LS</u> WELL #: <u>8</u> PIT: <u>SEP</u> QUAD/UNIT: <u>E</u> SEC: <u>14</u> TWP: <u>28N</u> RNG: <u>9W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u> QTR/FOOTAGE: <u>1590' ENL</u> <u>800' FWL</u> CONTRACTOR: <u>P. VELASQUEZ</u>	DATE STARTED: <u>12/27/94</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>
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EXCAVATION APPROX. <u>12</u> FT. x <u>13</u> FT. x <u>9</u> FT. DEEP.	CUBIC YARDAGE: <u>20</u>	
DISPOSAL FACILITY: <u>ON-SITE</u>	REMEDIAION METHOD: <u>LANDFARMED</u>	
LAND USE: <u>RANGE</u>	LEASE: <u>NM - 04208</u>	FORMATION: <u>APC</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>18</u> FT. <u>SISW</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>>100'</u> NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u> NMOC D RANKING SCORE: <u>0</u> NMOC D TPH CLOSURE STD: <u>5000</u> PPM SOIL AND EXCAVATION DESCRIPTION: <u>ELEV. 5877' SL.</u>
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CHECK ONE :
☐ PIT ABANDONED
☒ STEEL TANK INSTALLED

MOD. YELL. BROWN SAND, NON-COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT HC ODOR IN ANY OF THE DUM SAMPLES.

CLOSED

SCALE

0 FT

PIT PERIMETER

FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1200	10' 6'	TPH-1335	5	20	1:1	9	36

OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 6'	20.8
2 @ 6'	0.0
3 @ 5'	0.0
4 @ 6'	0.0
5 @ 10'	3.8

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

PIT PROFILE

TRAVEL NOTES:	CALLOUT: <u>12/20/94</u> ONSITE: <u>12/27/94</u>
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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: 1 @ 6'
Project Location: McCulley LS 8
Laboratory Number: TPH-1335

Project #:
Date Analyzed: 12-29-94
Date Reported: 12-29-94
Sample Matrix: Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	36	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 -- B0196

Mikem Vely
Analyst

R. E. O'neal
Review

CLIENT: BP

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

LOCATION NO: 80196
C.D.C. NO: 8423

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: McCuvey LS WELL #: 8 PITS: SEP

QUAD/JUNIT: E SEC: 14 TWP: 28N RNG: 9W PM: NM CNTY: SJ ST: NM

QTR/FOOTAGE: SW/4 CONTRACTOR: PdS

DATE STARTED: 6/21/01
DATE FINISHED: _____

ENVIRONMENTAL SPECIALIST: NV

SOIL REMEDIATION: 20

REMEDIATION SYSTEM: LANDFARM APPROX. CUBIC YARDAGE: 20

LAND USE: RANGE - RLM NM - 04208 LIFT DEPTH (ft): 1.5

FIELD NOTES & REMARKS:

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

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

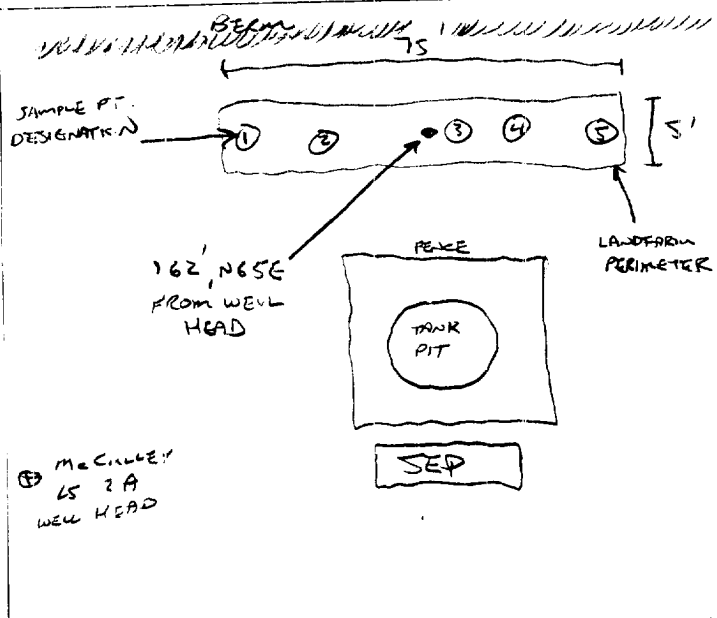
oil. YEL. DRANGE TO MOD. YELL. BROWN SAND, NON COHESIVE, ONLY TO SLIGHTLY MOIST, FIRM TO LOOSE, NO APPARENT DISCOLORATION/STAINING OBSERVED OR HC ODOR DETECTED @ ANY OF THE SAMPLE PTS. OK OVM SAMPLE, SAMPLE DEPTHS RANGED FROM 8"-18", COLLECTED 5 PT COMPOSITE SAMPLE FOR LAB ANALYSIS, LANDFARM PERIMETER MORE LIKE BERM.

CLOSED

FIELD 418.1 CALCULATIONS

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

SKETCH/SAMPLE LOCATIONS



OVM CALIB. READ. 53.7 ppm
TIME: 08:15 QA/pm 6/21/01

OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	1.1	LF-1	TPH (8015)	0830	ND

SCALE

0 FT

TRAVEL NOTES: CALLOUT: N/A ONSITE: 6/21/01

revised 03/12/01

bei1006.skd

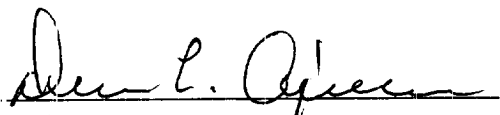
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	LF - 1	Date Reported:	06-25-01
Laboratory Number:	20115	Date Sampled:	06-21-01
Chain of Custody No:	8423	Date Received:	06-21-01
Sample Matrix:	Soil	Date Extracted:	06-24-01
Preservative:	Cool	Date Analyzed:	06-25-01
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

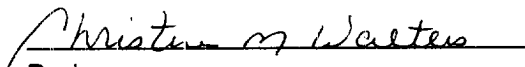
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.1

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: McCulley LS #8 Landfarm. 5 Pt. Composite Sample.


Analyst


Review

08423

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615