

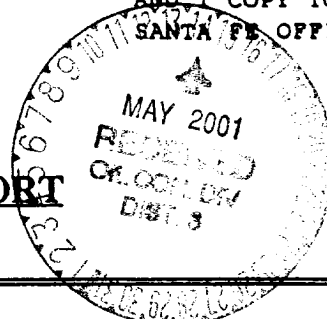
District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
Rio Brazos Rd, Aztec, NM 87410

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: FLORANCE #21A
Well Name
Location: Unit or Qtr/Qtr Sec C Sec 1 T 29N R 9W County SAN JUAN
Pit Type: Separator Dehydrator Other ABANDONED BLOW
Land Type: BLM ☒, State ☐, Fee ☐, Other ☐

Pit Location: Pit dimensions: length 12', width 10', depth 5'
Attach diagram) Reference: wellhead X, other
Footage from reference: 45'
Direction from reference: S2 Degrees East North ☒
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)
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,
irrigation canals and ditches) Greater than 1000 feet (0 points)

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: _____ Date Completed: 9/11/00

Remediation Method: Excavation ☒ Approx. cubic yards 15
 (Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____
 Other COMPOSTED

Remediation Location: Onsite _____ Offsite NYE GC B #1E (E-7-29-9)
 (ie. landfarmed onsite, name and location of offsite facility) TRANSPORTED TO CRONQ MESA 3/01. ⁹¹⁰

General Description Of Remedial Action: _____
Excavation, BEDROCK BOTTOM.

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 5' (PIT BOTTOM)

Sample date 9/1/00 Sample time 0900

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 73

TPH 91 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 9/11/00

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>80787</u> C.D.C. NO: <u>8163</u>																																								
FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																								
LOCATION: NAME: <u>FLORANCE</u> WELL #: <u>21A</u> PIT: <u>ABD. BOW</u> QUAD/UNIT: <u>C</u> SEC: <u>1</u> TWP: <u>29N</u> RING: <u>9W</u> PM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> QTR/FOOTAGE: <u>NE/4</u> <u>NW/4</u> <u>2038' W</u> CONTRACTOR: <u>FLINT</u>		DATE STARTED: <u>8-28-00</u> DATE FINISHED: <u>9-1-00</u> ENVIRONMENTAL SPECIALIST: <u>BLAGG</u>																																								
EXCAVATION APPROX. <u>12</u> FT. x <u>10</u> FT. x <u>5</u> FT. DEEP. CUBIC YARDAGE: <u>15</u> DISPOSAL FACILITY: <u>NYE GC BIE (E-7-29-9)</u> REMEDIATION METHOD: <u>LF/COMPOST</u> LAND USE: <u>RANGE</u> LEASE: <u>NMSF 027201</u> FORMATION: <u>MU</u>																																										
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>45</u> FT. <u>N52°W</u> FROM WELL HEAD. DEPTH TO GROUNDWATER: <u>>100</u> NEAREST WATER SOURCE: <u>>1000</u> NEAREST SURFACE WATER: <u>>1000</u> NMOC RANKING SCORE: <u>0</u> NMOC TPH CLOSURE STD: <u>5000</u> PPM SOIL AND EXCAVATION DESCRIPTION: <u>SAND/silt/clay/cobble conglomerate, loose, dry, yellow tan, from 0'-3'. No HC</u> <u>3'-5' Shalestone Bedrock, v. firm, moist, No HC stain, trace of odor.</u>																																										
CLOSED SCALE 0 FT FIELD 418.1 CALCULATIONS <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>TIME</th> <th>SAMPLE I.D.</th> <th>LAB No:</th> <th>WEIGHT (g)</th> <th>mL. FREON</th> <th>DILUTION</th> <th>READING</th> <th>CALC. ppm</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> CHECK ONE ☒ PIT ABANDONED ☐ STEEL TANK INSTALLED ☐ FIBERGLASS TANK INSTALLED			TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm																																
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2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8015 MODIFIED (DIRECT INJECT)
CLIENT : ENVIROTECH, INC.
PROJECT # : 403410
PROJECT NAME : BLAGG/BP-AMOCO

PINNACLE I.D.: 009033

SAMPLE			DATE	DATE	DATE	DIL.
D. #	CLIENT I.D.	MATRIX	SAMPLED	EXTRACTED	ANALYZED	FACTOR
01	C @ 5/18068	NON-AQ	09/01/00	09/07/00	09/11/00	1
02	C @ 8/18069	NON-AQ	09/01/00	09/07/00	09/11/00	1
03	C @ 7/18070	NON-AQ	09/01/00	09/07/00	09/11/00	10
PARAMETER		DET. LIMIT	UNITS	C @ 5/18068	C @ 8/18069	C @ 7/18070
FUEL HYDROCARBONS, C6-C10		10	MG/KG	< 10	< 10	6000
FUEL HYDROCARBONS, C10-C22		10	MG/KG	37	16	2400
FUEL HYDROCARBONS, C22-C36		10	MG/KG	54	15	570
CALCULATED SUM:				91	31	8970

SURROGATE:

D-TERPHENYL (%)

99

101

n/a *

SURROGATE LIMITS

(66 - 151)

CHEMIST NOTES:

= surrogate not recoverable due to necessary sample dilution.

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: _____ Date Completed: 9/11/00

Remediation Method: Excavation ☒ Approx. cubic yards 40
 (Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____
 Other COMPOSTED

Remediation Location: Onsite _____ Offsite NYE GC B#1E (E-7-29-9)
 (ie. landfarmed onsite, name and location of offsite facility) TRANSPORTED TO CROUCH MESA 3/01. ²⁰

General Description Of Remedial Action: _____
Excavation . BEDROCK BOTTOM.

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 8' (PIT BOTTOM).

Sample date 9/11/00 Sample time 0830

Sample Results

Benzene(ppm) _____

Total BTEX(ppm) _____

Field headspace(ppm) 71TPH 31 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 9/11/00

SIGNATURE

B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
Environmental Coordinator

CLIENT: AMOCO BLAGG ENGINEERING, INC. LOCATION NO: 80787
P.O. BOX 87, BLOOMFIELD, NM 87413 C.O.C. NO: 8163
(505) 632-1199

FIELD REPORT: CLOSURE VERIFICATION PAGE No: 1 of 1

LOCATION: NAME: FLORANCE WELL #: 21A PIT: ABD. SEP. DATE STARTED: 8-28-00
 QUAD/UNIT: C SEC: 1 TWP: 29N RNG: 9W PM: NM CNTY: SJ ST: NM DATE FINISHED: 9-1-00
 QTR/FOOTAGE: NE/4 NW/4 CONTRACTOR: FLINT ENVIRONMENTAL SPECIALIST: BLAGG

EXCAVATION APPROX. 15 FT. x 12 FT. x 8 FT. DEEP. CUBIC YARDAGE: 40
 DISPOSAL FACILITY: NYE GC BIE (E-7-29-9) REMEDIATION METHOD: LF/COMPOST
 LAND USE: RANGE LEASE: NMSF 027201 FORMATION: MV

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 90 FT. S15W FROM WELLHEAD
 DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000

NMOC RANKING SCORE: 0 NMOC TPH CLOSURE STD: 5000 PPM CHECK ONE
X PIT ABANDONED
 SOIL AND EXCAVATION DVM CALIB. READ. 51.2 ppm
 DESCRIPTION: TIME: 0755 am pm
STEEL TANK INSTALLED
FIBERGLASS TANK INSTALLED

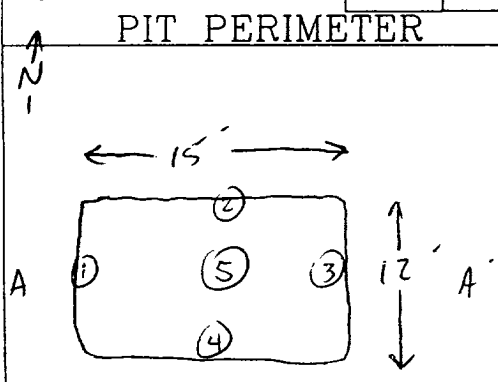
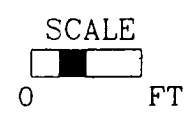
0'-5' BGS SANDY SILT, DRY, V. FIRM, Gray/Green, Non cohesive, w/ some clay;
 No HC ODOR, NO STAIN.
 Beginning @ 5', Shale Bedrock, Firm, slightly moist - NO HC STAIN, MINOR ODOR.

BEDROCK BOTTOM

CLOSED

FIELD 418.1 CALCULATIONS

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



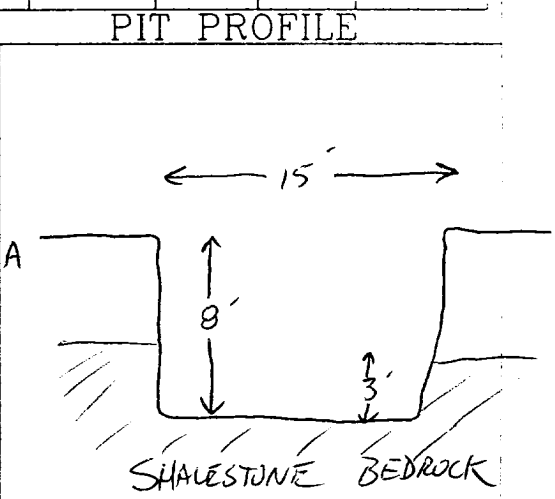
OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 5'	0.0
2 @ 5'	0.0
3 @ 5'	0.0
4 @ 5'	0.0
5 @ 0'	71

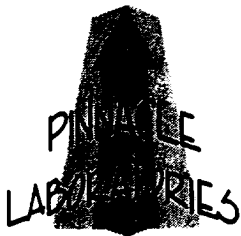
LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
C28	TPH & F	030

PASSED



TRAVEL NOTES: CALLOUT: _____ ONSITE: _____



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CALCULATED SUM:				91	31	8970
SURROGATE:						
p-TERPHENYL (%)				99	101	n/a *
SURROGATE LIMITS		(66 - 151)				

CHEMIST NOTES:

= surrogate not recoverable due to necessary sample dilution.

08163

ENVIROTECH INC.

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