

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
DEPUTY OIL & GAS INSPECTOR
SEP 11 9 1996

PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company Telephone: (505) - 326-9200
Address: 200 Amoco Court, Farmington, New Mexico 87401
Facility Or: SULLIVAN GC B 1
Well Name _____
Location: Unit or Qtr/Qtr Sec B Sec 21 T 32 N R 10 W County SAN JUAN
Pit Type: Separator ___ Dehydrator ___ Other PRODUCTION MISC
Land Type: BLM ___, State ___, Fee ___, Other COM. ABMT.

Pit Location: Pit dimensions: length 35', width 35', depth 12'
(Attach diagram) Reference: wellhead X, other _____
Footage from reference: 145
Direction from reference: 0 Degrees ___ East North X
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)
(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)
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points) 0
irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: _____ Date Completed: 2-6-94

Remediation Method: Excavation X Approx. cubic yards 400
(Check all appropriate sections) Landfarmed X Insitu Bioremediation _____

Other _____

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

General Description Of Remedial Action: _____

Excavation - TO BEDROCK BOTTOM

Ground Water Encountered: No X 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 7'

Sample date 2-6-95 Sample time _____

Sample Results

Benzene (ppm) _____

Total BTEX (ppm) _____

Field headspace (ppm) 22

TPH 500 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 2-10-95

SIGNATURE

B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
ENVIRONMENTAL COORDINATOR

TRAVEL NOTES: CALLOUT: 2-6-95 ONSITE: 2-6-95 0830

CALLOUT: 2-6-95

ONSITE: 2-6-95 0830

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 @ 7'	Date Analyzed:	2-6-95
Project Location:	Sullivan GC B 1	Date Reported:	2-7-95
Laboratory Number:	TPH-1363	Sample Matrix:	Soil

Parameter -----	Result, mg/kg -----	Detection Limit, mg/kg -----
Total Recoverable Petroleum Hydrocarbons	500	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: Abandoned Production Pit - B0213

R. E. O'Neill
Analyst

Review

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PIT REMEDIATION AND CLOSURE REPORTOperator: Amoco Production Company Telephone: (505) - 326-9200Address: 200 Amoco Court, Farmington, New Mexico 87401Facility Or: SULLIVAN 6C B1
Well NameLocation: Unit or Qtr/Qtr Sec B Sec 21 T 32N R 10W County SAN JUANPit Type: Separator X Dehydrator Other Land Type: BLM , State , Fee , Other COM. AGMT.Pit Location: Pit dimensions: length 33', width 15', depth 8'
(Attach diagram)Reference: wellhead X, other Footage from reference: 150Direction from reference: 20 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

Date Remediation Started: 2-6-95 Date Completed: 2-6-95

Remediation Method: Excavation X Approx. cubic yards 120
(Check all appropriate sections) Landfarmed X Insitu Bioremediation

Other

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

General Description Of Remedial Action:

Excavation - TO 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'

Sample date 2-6-95 Sample time

Sample Results

Benzene (ppm) _____

Total BTEX (ppm)

Field headspace (ppm) 96

TPH 1600 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 2-10-95

SIGNATURE

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>80213</u> C.O.C. NO: <u>—</u>
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FIELD REPORT: PIT CLOSURE VERIFICATION

LOCATION: NAME: <u>SULLIVAN GC</u>	WELL # <u>81</u>	PIT: <u>A. SEP.</u>	DATE STARTED: <u>2-6-95</u>
QUAD/UNIT: <u>B</u>	SEC: <u>21</u>	TWP: <u>32 N</u>	DATE FINISHED: _____
RNG: <u>10 W</u>			ENVIRONMENTAL SPECIALIST: <u>REG</u>
BM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u>			
DTP/FOOTAGE: _____		CONTRACTOR: _____	

EXCAVATION APPROX. 15 FT. x 33 FT. x 8 FT. DEEP. CUBIC YARDS: 120
DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: LANDFARM
LAND USE: RANGE LEASE: 14080012001 FORMATION: _____

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>150</u> FEET <u>N20°W</u> FROM WELLHEAD.		
DEPTH TO GROUNDWATER: <u>>100'</u>	NEAREST WATER SOURCE: <u>>1000'</u>	NEAREST SURFACE WATER: <u>>1000'</u>	
NMOCB PANKING SCORE: <u>0</u>	NMOCB TPH CLOSURE STD: <u>5000</u> PPM		

SOIL AND EXCAVATION DESCRIPTION: PIT DISPOSITION: ABANDONED

PIT EXCAVATED TO BEDROCK - NO STAIN/OIL OR APPARENT.

SOIL IS SAND / COBBLE MIXTURE - MOIST.

FIELD 418.1 CALCULATIONS

SAMPLE I.D.	LAB No.	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
ES 05'	1364	10.0	20.0	10	82	1640

CLOSE PIT
BEUROCK

SCALE



0 10 20 FT

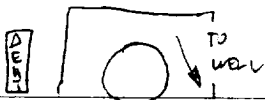
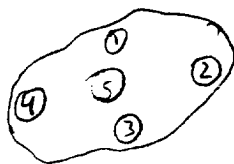
PIT PERIMETER

OVM RESULTS

PIT PROFILE

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can you
GRADIENT

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[illegible]

TRAVEL NOTES: CALLOUT: 2-6-95 ONSITE: 2-6-95 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:	E. Side @ 5'	Date Analyzed:	2-6-95
Project Location:	Sullivan GC B 1	Date Reported:	2-7-95
Laboratory Number:	TPH-1364	Sample Matrix:	Soil

Parameter -----	Result, mg/kg -----	Detection Limit, mg/kg -----
Total Recoverable Petroleum Hydrocarbons	1,600	100

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: Abandoned Separator Pit - B0213

R. E. O'Neill
Analyst

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