

District I  
O. Box 1980, Hobbs, NM  
District II  
O. Drawer DD, Artesia, NM 88211  
District III  
200 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

RECEIVED  
AUG 19 1994

PIT REMEDIATION AND CLOSURE REPORT

OIL CON. DIV.  
DIST. 3

Operator: Amoco Production Company Telephone: (505) - 326-9200  
Address: 200 Amoco Court, Farmington, New Mexico 87401  
Facility Or: STATE GC CB 1A  
Well Name  
Location: Unit or Qtr/Qtr Sec E Sec 32 T 30N R 9W County SAN JUAN  
Pit Type: Separator Dehydrator other COMPRESSOR  
Land Type: BLM State, Fee X, other

Pit Location: As shown on map Pit dimensions: length 10', width 10', depth 4'  
Reference: wellhead X, other   
DEPUTY OIL & GAS INSPECTOR

DEC 11 9 1996

Footage from reference: 85'

Direction from reference: 15 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: \_\_\_\_\_

Date Completed: 8/12/94

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

Approx. cubic yards 6

Insitu Bioremediation \_\_\_\_\_

Other \_\_\_\_\_

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

Onsite ☒ Offsite \_\_\_\_\_

General Description Of Remedial Action: \_\_\_\_\_

Excavation

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 Attached Documents

Sample depth 3'

Sample date 8/12/94

Sample time 1040

Sample Results

Benzene(ppm) \_\_\_\_\_

Total BTEX(ppm) \_\_\_\_\_

Field headspace(ppm) 1096

TPH 10,720 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 8/12/94

SIGNATURE

Buddy D. 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>B0052</u>  C.D.C. NO: _____																														
<b>FIELD REPORT: CLOSURE VERIFICATION</b>		PAGE No: <u>1</u> of <u>1</u>																														
LOCATION: NAME: <u>STATE GC</u> WELL #: <u>CB 1A</u> PIT: <u>COMPRESSOR</u> QUAD/UNIT: <u>E SEC 32 TWP 30N RNG 4W PM: NM CNTY: ST NM</u> QTR/FOOTAGE: <u>SW 1/4 NW 1/4</u> CONTRACTOR: <u>MOSS</u>		DATE STARTED: <u>8/12/94</u> DATE FINISHED: <u>8/12/94</u> ENVIRONMENTAL SPECIALIST: <u>NV</u>																														
SOIL REMEDIATION: EXCAVATION APPROX. <u>10</u> FT. x <u>10</u> FT. x <u>4</u> FT. DEEP. DISPOSAL FACILITY: <u>LANDFARMED ON-SITE</u> CUBIC YARDAGE: <u>6</u> LAND USE: <u>RANGE</u> LEASE: <u>FEE</u>																																
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>85</u> FEET <u>N15W</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>7100</u> NEAREST WATER SOURCE: <u>71000</u> NEAREST SURFACE WATER: <u>&gt;1000</u> NMOCD RANKING SCORE: <u>0</u> NMOCD TPH CLOSURE STD: <u>5000</u> PPM FORMATION: <u>MV</u>																																
SOIL AND EXCAVATION DESCRIPTION: <div style="float:left; width:30%; border: 1px solid black; padding: 5px; margin-top: 10px;">           CLOSED DUE TO SANDSTONE         </div> <div style="float:right; width:70%; margin-top: 10px;">           PIT MAY HAVE ORIGINALLY BEEN EXCAVATED INTO SANDSTONE OR MAYBE TO ITS SURFACE TOP. COLOR VARIES FROM DK. YELL. BROWN TO MED. GRPY. STRONG HC ODOR IN ALL OVM SAMPLES EXCEPT SOUTH SIDEWALL         </div>																																
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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 @ 3'  
Project Location: State GC CB 1 A  
Laboratory Number: TPH-1072

Project #:  
Date Analyzed: 8-12-94  
Date Reported: 8-12-94  
Sample Matrix: Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	10,700	200

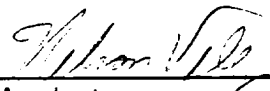
ND = Not Detectable at stated detection limits.

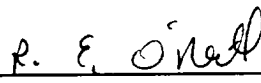
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	5920	8160	27.45

\*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: Compressor Pit - B0052

  
Analyst

  
Review

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## PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company Telephone: (505) - 326-9200  
Address: 200 Amoco Court, Farmington, New Mexico 87401  
Facility Or: STATE GC CB 1A  
Well Name  
Location: Unit or Qtr/Qtr Sec E sec 32 T30N R4W County SAN JUAN  
Pit Type: Separator ☒ Dehydrator ☐ Other ☐  
Land Type: BLM ☐, State ☐, Fee ☒, Other ☐

Pit Location: Pit dimensions: length 14', width 16', depth 5'  
(Attach diagram) Reference: wellhead ☒, other ☐  
Footage from reference: 88'  
Direction from reference: 6 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) 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) 0  
Greater than 1000 feet (0 points) 0

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: \_\_\_\_\_

Date Completed: 8/12/94

Remediation Method: Excavation ☒  
(Check all appropriate sections)

Approx. cubic yards 17

Landfarmed ☒

Insitu Bioremediation \_\_\_\_\_

Other \_\_\_\_\_

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

General Description Of Remedial Action: \_\_\_\_\_

Excavation

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 Attached Documents

Sample depth 3'

Sample date 8/12/94

Sample time 1015

Sample Results

Benzene(ppm) \_\_\_\_\_

Total BTEX(ppm) \_\_\_\_\_

Field headspace(ppm) 1051

TPH 6,120 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 8/12/94

SIGNATURE B. Shaw

PRINTED NAME  
AND TITLE

Buddy D. Shaw  
Environmental Coordinator

[illegible]

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**FIELD MODIFIED EPA METHOD 418.1  
TOTAL PETROLEUM HYDROCARBONS**

Client: Amoco  
Sample ID: 4 @ 3'  
Project Location: State GC CB 1 A  
Laboratory Number: TPH-1071

Project #:  
Date Analyzed: 8-12-94  
Date Reported: 8-12-94  
Sample Matrix: Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	6,100	200

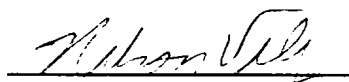
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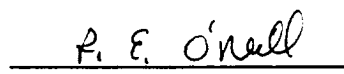
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\*Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total  
Recoverable, Chemical Analysis of Water and Waste,  
USEPA Storet No.4551, 1978

Comments: Separator Pit - B0052

  
Analyst

  
Review