

District I

P.O. Box 1980, Hobbs, NM

District II

P.O. Drawer DD, Artesia, NM 88211

DEPUTY OIL & GAS INSPECTOR

1000 Rio Brazos Rd, Aztec, NM 87410

DEC 03 1996

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

80142

SUBMIT 1 COPY TO
APPROPRIATE
DISTRICT OFFICE
AND 1 COPY TO
SANTA FE OFFICE

PIT REMEDIATION AND CLOSURE REPORT

Approved

Operator: Amoco Production Company **Telephone:** (505) - 326-9200

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility or: W. D. HEATH A *9

Well Name

Location: Unit or Qtr/Qtr Sec N Sec 9 T29N R9W County SAN JUAN

Pit Type: Separator Dehydrator Other BLOW

Land Type: BLM X, State , Fee , Other

Pit Location: Pit dimensions: length , width , depth
(Attach diagram)

Reference: wellhead X, other

Footage from reference: 140

Direction from reference: 15 Degrees East North
of
X West South X

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)

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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): 10

Date Remediation Started: _____ Date Completed: 11-1-94

Remediation Method: Excavation _____ Approx. cubic yards _____
 (Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____
 Other EXCAVATE TRENCH FOR SAMPLING PURPOSES

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

General Description Of Remedial Action: _____
Excavation - TRENCH - NO CONTAMINATION.

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 5'
 Sample date 11-1-94 Sample time _____

Sample Results

Benzene(ppm) _____
 Total BTEX(ppm) _____
 Field headspace(ppm) 12
 TPH 24 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 11/4/94

SIGNATURE

B. Shaw

PRINTED NAME
AND TITLE

Buddy D. Shaw
ENVIRONMENTAL COORDINATOR

RESULTS TO BOB MELOY 11-1-94 PLO

| | | |
|----------------------|--|---|
| CLIENT: <u>Amoco</u> | BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 | LOCATION NO: <u>80142</u> C.D.C. NO: _____ |
|----------------------|--|---|

FIELD REPORT: PIT CLOSURE VERIFICATION

| | |
|--|--------------------------------------|
| LOCATION: NAME: <u>W. D. HEATH</u> A WELL #: <u>9</u> PIT: <u>BLOW</u> | DATE STARTED: <u>11-1-94</u> |
| QUAD/UNIT: <u>N</u> SEC: <u>9</u> TWP: <u>29N</u> RNG: <u>9W</u> BM: <u>NM</u> CNTY: <u>SJ</u> ST: <u>NM</u> | DATE FINISHED: _____ |
| QTR/FOOTAGE: <u>SE/SW</u> CONTRACTOR: <u>PAUL + SONS</u> | ENVIRONMENTAL SPECIALIST: <u>REO</u> |

EXCAVATION APPROX. FT. x FT. x FT. DEEP. CUBIC YARDS:
DISPOSAL FACILITY: ON SITE REMEDIATION METHOD: LANDFARM
LAND USE: RANGE LEASE: SF-076337 FORMATION:

| | | | |
|--------------------------------------|---|---|--|
| FIELD NOTES & REMARKS: | PIT LOCATED APPROXIMATELY <u>140</u> FEET <u>S15°W</u> FROM WELLHEAD. | | |
| DEPTH TO GROUNDWATER: <u>>50'</u> | NEAREST WATER SOURCE: <u>>1000'</u> | NEAREST SURFACE WATER: <u>>1000'</u> | |
| NMOCB RANKING SCORE: <u>10</u> | NMOCB TPH CLOSURE STD: <u>1000</u> PPM | | |

SOIL AND EXCAVATION DESCRIPTION: PIT DISPOSITION: ABANDONED
NO SOILS EXCAVATED - TRENCHES D46 FOR SAMPLING PURPOSES.
MOIST, LIGHT BROWN, SILTY-SAND - NO ODOR/STAIN.

FIELD 418.1 CALCULATIONS

| SAMPLE I.D. | LAB No: | WEIGHT (g) | ml. FREON | DILUTION | READING | CALC. ppm |
|-------------|---------|------------|-----------|----------|---------|-----------|
| WB#5' | 1242 | 10.0 | 20.0 | — | 12 | 24 |
| | | | | | | |
| | | | | | | |

CLOSE PIT

SCALE

0 5 10 FT

PIT PERIMETER

OVM RESULTS

PIT PROFILE

[illegible]

TRAVEL NOTES: CALLOUT: 11-1-94 ONSITE: 11-1-94 1045

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: W Bottom @ 5'
Project Location: W.D. Heath A 9
Laboratory Number: TPH-1242

Project #:
Date Analyzed: 11-01-94
Date Reported: 11-01-94
Sample Matrix: Soil

| Parameter ----- | Result, mg/kg ----- | Detection Limit, mg/kg ----- |
|---|------------------------|------------------------------------|
| Total Recoverable Petroleum Hydrocarbons | 24 | 10 |

ND = Not Detectable at stated detection limits.

| QA/QC: | QA/QC Sample TPH mg/kg ----- | Duplicate TPH mg/kg ----- | % *Diff. ----- |
|--------|------------------------------------|---------------------------------|----------------------|
| | 3,400 | 2,920 | 15 |

*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: Blow Pit - B0142

R. E. O'Neill
Analyst

Nelson Vilez
Review