

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 7 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: GCU 154 E
Well Name
Location: Unit or Qtr/Qtr Sec E Sec 27 T 34N R 12W County SAN JUAN
Pit Type: ABANDONED Separator X Dehydrator Other
Land Type: BLM , State , Fee , Other UNIT AGMT.

Pit Location: Pit dimensions: length 17', width 17', depth 15'
(Attach diagram) Reference: wellhead X, other
Footage from reference: 155'
Direction from reference: 70 Degrees East North
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) 20

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) 20

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): 40

Date Remediation Started: _____ Date Completed: 2/17/95

Remediation Method: Excavation ☒ Approx. cubic yards NA
 (Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____
 Other CLOSE AS IS

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

General Description Of Remedial Action: _____
Excavation - NO REMEDIATION NECESSARY

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 11'

Sample date 2/17/95 Sample time 1240

Sample Results

Benzene (ppm) _____

Total BTEX (ppm) _____

Field headspace (ppm) 0.0

TPH 24 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 2/17/95

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>80212</u> C.O.C. NO: _____ |
|----------------------|--------------------------------------------------------------------------------|-----------------------------------------------|

FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1

| | | | |
|----------------------------|---------------------|---------------------------------|-------------------------------------|
| LOCATION: NAME: <u>GCU</u> | WELL #: <u>154E</u> | PIT: <u>ABAN. =EP</u> | DATE STARTED: <u>2/2/95</u> |
| QUAD/UNIT: <u>E</u> | SEC: <u>27</u> | TWP: <u>29N</u> | RNG: <u>12W</u> |
| PM: <u>10M</u> | CNTY: <u>ST</u> | ST: <u>NM</u> | DATE FINISHED: _____ |
| QTR/FOOTAGE: <u>SW/4</u> | <u>SW/4</u> | CONTRACTOR: <u>P. VELASQUEZ</u> | ENVIRONMENTAL SPECIALIST: <u>NV</u> |

EXCAVATION APPROX. 17 FT. x 17 FT. x 10 FT. DEEP. CUBIC YARDAGE: _____
DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: CLOSE AS 'S
LAND USE: RESIDENTIAL LEASE: - FORMATION: DK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 155 FT. 570W FROM WELLHEAD.

DEPTH TO GROUNDWATER: 450' NEAREST WATER SOURCE: 5200' NEAREST SURFACE WATER: 21000'

NMOC Ranking Score: 40 NMOC TPH Closure Std: 100 PPM

CHECK ONE :

SOIL AND EXCAVATION DESCRIPTION:

X PIT ABANDONED
 _____ STEEL TANK INSTALLED

1/4. FINE ORANGE TO MOD. YELL. BROWN SAND w/ SOME GRAVEL, NON-COHESIVE, SLIGHTLY MOIST, FIRM, NO APPARENT OR SOUND IN ANY OF THE 4 SAMPLES. ABANDONED FILL SURS TAKEN REMOVED PRIOR TO ELEVATION, NO VISIBLE INDICATION OF ANY OUTFLOW OR LEAKING OBSERVED BY ELEVATING CREW SUPERVISOR.

665520

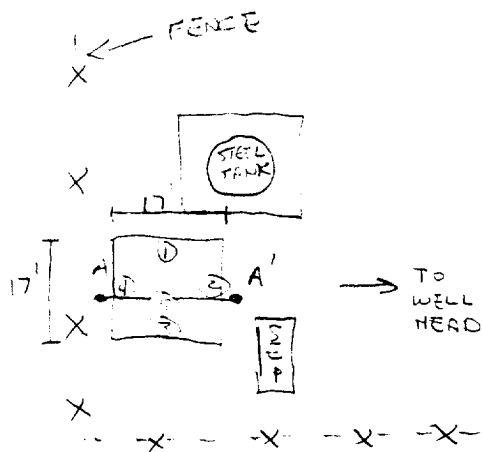
SCALE



0 FT

FIELD 418.1 CALCULATIONS

| TIME | SAMPLE I.D. | LAB No: | WEIGHT (g) | mL. FREON | DILUTION | READING | CALC. ppm |
|------|-------------|---------|------------|-----------|----------|---------|-----------|
| 1240 | 5e11 | TPH-13 | 5 | 20 | 1:1 | 6 | 24 |
| | | | | | | | |
| | | | | | | | |

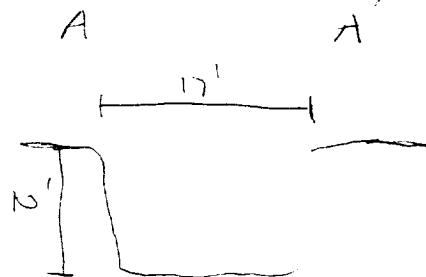
PIT PERIMETER 

OVM RESULTS

| SAMPLE ID | FIELD HEADSPACE PID (ppm) |
|-----------|---------------------------|
| 1 @ 6' | 0.0 |
| 2 @ 6' | 0.0 |
| 3 @ 7' | 0.0 |
| 4 @ 6' | 0.0 |
| 5 @ 11' | 0.0 |
| | |
| | |
| | |
| | |
| | |
| | |

| LAB SAMPLES | | |
|-------------|----------|------|
| SAMPLE ID | ANALYSIS | TIME |
| | | |
| | | |
| | | |
| | | |
| | | |

PIT PROFILE



TRAVEL NOTES: CALLOUT: 2/2/95 ONSITE: 2/2/95

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: 5 @ 11'
Project Location: GCU 154 E
Laboratory Number: TPH-1359

Project #:
Date Analyzed: 02-03-95
Date Reported: 02-03-95
Sample Matrix: Soil

| Parameter | Result, mg/kg | Detection Limit, mg/kg |
|---------------------------------------------|---------------|---------------------------|
| Total Recoverable Petroleum Hydrocarbons | 24 | 20 |

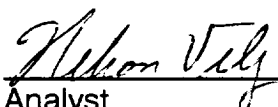
ND = Not Detectable at stated detection limits.

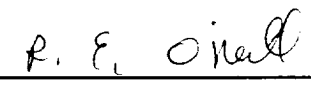
| QA/QC: | QA/QC Sample TPH mg/kg | Duplicate TPH mg/kg | % *Diff. |
|--------|---------------------------|------------------------|-------------|
| | 512 | 472 | 8.13 |

*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 - B0212


Analyst


Review