

REMEDIATION PLAN



Amoco Pipeline Company

302 East Avenue A
Lovington, New Mexico 88260
505-396-2817

March 6, 1996

State of New Mexico
Oil Conservation Division
Environmental Bureau
Mr. Wayne Price, Environmental Engineer
P.O. Box 1980
Hobbs, New Mexico 88241

RECEIVED
MAR 8 8 1996
OFFICE

Re: Soil Remediation Plan, Bagley Gathering

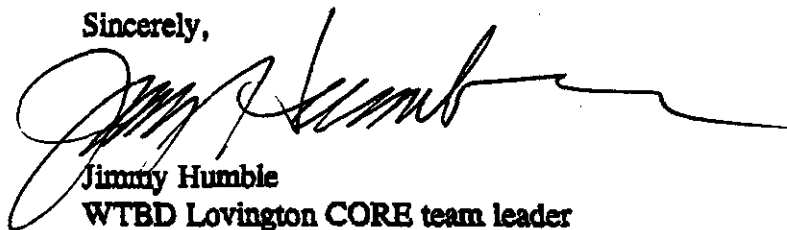
Dear Mr. Price:

This letter is the soil remediation plan for a 15 bbl leak which occurred on the Amoco Pipeline Company Bagley Gathering System on March 5, 1996.

Rocky soil conditions at this site make routine remediation efforts extremely difficult. Our plan is to bring all possible contaminated materials to the surface, spread oil active bacteria, and bring in fresh soil to reduce the total hydrocarbon concentrations to a level where bacterial action can occur. Soil will continue to be aeriated for a period of time until the TPH and BTEX level in this soil has reached the levels determined by NMOCD guidelines.

Please contact me at 1-505-396-2817 if further information is required.

Sincerely,



Jimmy Humble
WTBD Lovington CORE team leader

cc: J. Lutter Levelland
File

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

310 Old Santa Fe Trail, Room 206

Santa Fe, New Mexico 87503 8 52

WELL API NO.

NA

5. Indicate Type of Lease

State ☒ Fee ☐

6. State Oil & Gas Lease No.

NA

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☐

Gas Well ☐

Other

PIPELINE

2. Name of Operator

AMOCO PIPELINE CO.

3. Address of Operator

302 E. AVE. A. LOXINGTON, NM. 88240

4. Well Location

Unit Letter

Feet From The

Line and

Feet From The

Line

Section NW 1/4 of S 1/4 Sec. 20 Township

11/5

Range R 33/E

NMPM

LEA

County

10 Elevation (Show whether DF, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

Perform Remedial Work

☒

Plug and Abandon

☐

Temporarily Abandon

☐

Change Plans

☐

Pull or Alter Casing

☐

Remedial Work

☐

Altering Casing

☐

Commence Drilling Opns.

☐

Plug & Abandonment

☐

Casing Test and Cement Job

☐

OTHER:

REMEDIAL SOIL AT P/L SPILL SITE

OTHER:

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

SITE WILL BE REMEDIATED BY PLOWING + BLENDING
+ MIXING
REMEDIAL WORK IS SCHEDULED TO START 3/16/96

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Jimmy Humble

TITLE

WTOU CORE LEADER

DATE

3/16/96

TYPE OR PRINT NAME

Jimmy Humble

TELEPHONE NO.

(505) 396-2817

(This space for State Use)

APPROVED BY

[Signature]

TITLE

ENV. ENGR.

DATE

3/13/96

CONDITIONS OF APPROVAL, IF ANY:

A final report shall be submitted at the end of the project. The report should include vertical extent and final remediation levels as per the MOCU Guidelines.

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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 2 COPIES TO
APPROPRIATE DISTRICT
OFFICE IN ACCORDANCE
WITH RULE 116 PRINT
ON BACK SIDE OF FORM

NOTIFICATION OF FIRE, BREAKS, SPILLS, LEAKS, AND BLOWOUTS

OPERATOR <u>Amoco Pipeline Co.</u>					ADDRESS <u>302 E AVE A Lovington NM. 88260</u>		TELEPHONE <u>505-374</u>
REPORT OF	FIRE	BREAK	SPILL	LEAK <input checked="" type="checkbox"/>	BLOWOUT	OTHER*	
TYPE OF FACILITY	DRUG WELL	PROD WELL	TANK BTRY	PIPE LINE <input checked="" type="checkbox"/>	GASO PLNT	OIL RFY	OTHER*
FACILITY NAME: <u>BAGLEY GATA SYSTEM</u>							
LOCATION OF FACILITY					SEC. <u>20</u>	TWP. <u>11/S</u>	RGE. <u>33/E</u>
Qtr/Qtr Sec. or Footage <u>NW 1/4 of SW 1/4</u>					COUNT <u>LE</u>		
DISTANCE AND DIRECTION FROM NEAREST TOWN OR PROMINENT LANDMARK <u>1 1/2 miles NW of Tatum, NM on Hwy 80 + 1/2 miles S. + 1/2 mi</u>							
DATE AND HOUR OF OCCURRENCE <u>?</u>				DATE AND HOUR OF DISCOVERY <u>2:30 p.m. 3/5/96</u>			
WAS IMMEDIATE NOTICE GIVEN?		YES	NO	NOT REQUIRED <input checked="" type="checkbox"/>	IF YES, TO WHOM		
BY WHOM				DATE AND HOUR			
TYPE OF FLUID LOST <u>CRUDE OIL</u>				QUANTITY OF LOSS <u>15 bbls</u>		VOLUME RECOVERED <u>-0-</u>	
DID ANY FLUIDS REACH A WATERCOURSE?		YES	NO <input checked="" type="checkbox"/>	QUANTITY			
IF YES, DESCRIBE FULLY**							

DESCRIBE CAUSE OF PROBLEM AND REMEDIAL ACTION TAKEN**

External corrosion on pipe

DESCRIBE AREA AFFECTED AND CLEANUP ACTION TAKEN**

AREA IS GRASSLAND APPROX. 600' LONG + RANGING IN WIDTH FROM 1' TO 4' IN ONE OR BOTH TRACKS OF A TWO TRACK ROAD. Remediation contractor will start 3/6/96. LEAK WAS TEMPORARILY REPAIRED. LINE WAS PUT BACK IN SERVICE.

DESCRIPTION OF AREA	<u>PASTURE</u>		GRAZING <input checked="" type="checkbox"/>	URBAN	OTHER*		
SURFACE CONDITIONS	SANDY	SANDY LOAM <input checked="" type="checkbox"/>	CLAY	ROCKY <input checked="" type="checkbox"/>	WET	DRY <input checked="" type="checkbox"/>	SNOW

DESCRIBE GENERAL CONDITIONS PREVAILING (TEMPERATURE, PRECIPITATION, ETC.)**

Clear - 65° - Windy

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

Jimmy Humble
PRINTED NAME WTBU COORDINATOR

3/6/96

RECEIVED

OFFICE

NEW MEXICO CRUDE OIL LEAK SITE CLOSURE WORK SHEET

P.1/5

SITE/LOCATION
(8 Segment Name)

BAGLEY GATHCUM Spill & Comp. Report Number
EVAH LEASE

Leak/Spill Date: 3/5/96

2601-3-96-5-10

DEPTH TO GROUND WATER 150 FEET 0 SCORE
(Score: < 50' = 20 pts ~ 50' to 99' = 10 pts ~ > 100' = 0 pts)

HORIZONTAL DISTANCE TO PRIVATE WATER WELL 1200 FEET 0 SCORE
(Score: < 200' = 20 pts. ~ > 200' = 0 pts.)

DISTANCE TO SURFACE WATER 1700 FEET 0 SCORE
(Score: < 200' = 20 pts. ~ 200' to 1000' = 10 pts ~ > 1000' = 0 pts.)

TOTAL SCORE = 0

DEFINE LATERAL AND VERTICAL CONTAMINATION 600' LENGTH 2' WIDTH 1' DEPTH 0 SCORE

SPILL SITE MANAGEMENT OPTIONS:

- (1) Risk Assessment
(2) OCD Approved Spill Containment Plan. (Attach proposed/actual plan)

Soil Remediation Options:

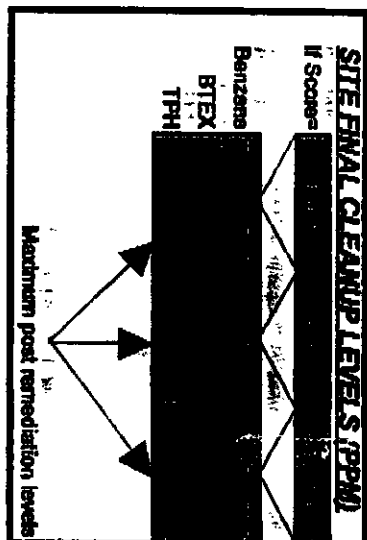
- (1) Excavation and removal (Sample to determine if all removed)
(2) Excavation to maximum practical depth (Sample to determine level of non removable soil)
(3) Treat on place (Sample while treating until required level reached)
(4) Manage with an alternate method (requires OCD notification and approval)

Management Options:

- (1) Disposal at an OCD permitted or approved facility.
(2) Land Farming
(3) In Situ Treatment (Venting, Bioremediation, other approved system)
(4) Active Soil aeration, Composting, Bioremediation, Solidification, thermal treatment, etc.

Ground Water Remediation Options:

- (1) Skimmer or total fluid pumping
(2) Removal and Disposal
(3) Treating in place
(4) Air Sparging, bio remediation



RECEIVED

MAR 08 1996

SPRINTS OFFICE

Copy to: District Files with copy of form C-103 and Soil Remediation Plan.

Location files with copy of form C-103 and Soil Remediation Plan.

NM OCD with Soil Remediation Plan and 3 copies of form C-103.

OPS_DIR.XLS 02/15/96