

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Risk
Defined
Plume

Submit 1 copy to
appropriate
District Office
and 1 copy to
the Santa Fe Office

(Revised 3/9/94)

PIT REMEDIATION AND CLOSURE REPORT

30-045-11914

Operator: Amoco (Site Closed by El Paso Field Services) Telephone: _____

Address: _____

Facility Or: Florance #47X, Meter 75826

Well Name _____

Location: Unit or Qtr/Qtr Sec G Sec 5 T 30 R 9 County San Juan

Pit Type: Separator _____ Dehydrator _____ Other Drip

Land Type: BLM X, State _____, Fee _____ Other _____

Pit Location: Pit dimensions: length 12', width 12', depth 1'
(Attach diagram)

Reference: wellhead X, other _____

Footage from reference: 113'

Direction from reference: 104 Degrees X East North _____
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) <u>10</u>
high water elevation of		
ground water.)		

Wellhead Protection Area:	Yes (20 points)
(Less than 200 feet from a private	No (0 points) <u>0</u>
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) <u>0</u>
irrigation canals and ditches.)		

RANKING SCORE (TOTAL POINTS): 10

Date Remediation Started: 02/24/95 Date completed: 02/24/95

Remediation Method: Excavation X Approx. cubic yards 60
(Check all appropriate sections.) Landfarmed _____ Insitu Bioremediation _____
Other _____

Remediation Location: Onsite _____ Offsite Tierra
(i.e. landfarmed onsite, name and location of offsite facility) _____

General Description of Remedial Action: Arrived. Pit had about 6" of water and oil on top. Excavated. Soil was grayish black with strong hydrocarbon odor.

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit:

Closure Sampling:
(if multiple samples,
attach sample results
and diagram of sample
locations and depths)

Sample location Four walls and center of pit composite

Sample depth 12'

Sample Date 02/24/95 Sample time 12:15

Sample Results

Benzene(ppm) <2.09

Total BTEX(ppm) 74.6

Field headspace(ppm) 906

TPH 5000

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

4/23/03

Signature

Scott T. Pope

Printed Name

and Title

Scott Pope, Senior Environmental Scientist



PIT CLOSURE REQUEST

Florance #47x
Meter/Line ID 75826

SITE DETAILS

Legals - Twn: 30N

Rng: 9W

Sec: 5

Unit: G

NMOCD Hazard Ranking: 10

Land Type: BLM

Operator: Amoco Production Company

Pit Closure Date: 2/24/95

RATIONALE FOR RISK-BASED CLOSURE

The pit noted above was assessed and ranked according to the criteria in the New Mexico Oil Conservation Division's (NMOCD) Unlined Surface Impoundment Closure Guidelines.

A test pit was excavated to 12 feet (ft) below ground surface (bgs) and a soil sample was collected for field headspace and laboratory analysis for TPH and BTEX. Groundwater was not encountered in the test pit. Headspace analysis indicated an organic vapor content of 906 ppm; laboratory analysis indicated a benzene concentration of <2.09 mg/kg, a total BTEX concentration of 74.6 mg/kg, and a TPH concentration of 5,000 mg/kg. The BTEX and TPH measurements exceeded recommended remediation levels for the Hazard Ranking Score of 10.

Approximately 60 cubic yards of soil were excavated and hauled to Tierra land farm, a commercial landfarm, for treatment and disposal. The pit was backfilled with clean soil and graded in a manner to direct surface runoff away from the pit area.

A Phase II boring was terminated at 30 ft bgs. No groundwater was encountered in the soil boring. One laboratory sample was collected at 28-30 ft bgs. Headspace analysis indicated an organic vapor content of 3 ppm; laboratory analysis indicated a benzene concentration of <0.025 mg/kg, a total BTEX concentration of <0.10 mg/kg, and a TPH concentration of 111 mg/kg. The TPH, benzene and total BTEX concentrations were below recommended remediation levels for the Hazard Ranking Score of 10.

No Phase III activities were conducted.

El Paso Field Services requests closure of the above-mentioned pit location for the following reasons:

- The primary source, discharge to the pit, has been removed for over 7 years.
- The impacted soil was excavated to the practical extent of the equipment and disposed of offsite.
- The test pit was backfilled and the former pit area graded to direct surface runoff away from the former pit.
- Backfilling the pit with clean soil eliminated the potential for direct contact with hazardous constituents by livestock or the public; i.e., direct contact exposure pathways are incomplete.
- Groundwater was not encountered in the soil boring at 30 ft bgs; local geologic features indicate the depth to groundwater is greater than 50 ft bgs.
- There are no water supply wells or other sources of fresh water extraction within 1,000 feet of the site.

REVISED
FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 75826 Location: FLORANCE # 47X
Operator #: 0203 Operator Name: Amoco P/L District: AZTEC
Coordinates: Letter G Section 5 Township: 30 Range: 9
or Latitude _____ Longitude _____
Pit Type: Dehydrator _____ Location Drip: X Line Drip: _____ Other: _____
Site Assessment Date: 2-8-95 Area: 64 Run: 92
Revised Date: 1-24-03

SITE ASSESSMENT

NMOCD Zone:

(from NMCOD Maps)

Land Type:

BLM

☒ (1)

State

☐ (2)

Fee

☐ (3)

Indian _____

Inside ☒ (1)

Outside ☐ (2)

Depth to Groundwater

Less than 50 Feet (20 points) ☐ (1)

50 Feet to 99 Feet (10 Points) ☒ (2)

Greater than 100 Feet (0 Points) ☐ (3)

Well Protection Area

Is it less than 1000 feet from well, spring or other source of fresh water extraction?
or; Is it less than 200 feet from a private domestic water source?

☐ YES (20 Points)

☒ NO (0 Points)

Horizontal Distance to Surface Water Body

Less than 200 Feet (20 points) ☐ (1)

200 Feet to 1000 Feet (10 Points) ☐ (2)

Greater than 1000 Feet (0 Points) ☒ (3)

Name of Surface Water Body ALAMO CANYON

(Surface Water Body: Perennial River, Stream, Creek, Irrigation Canal, Ditch, Lake, Pond)

Distance to Nearest Ephemeral Stream ☐ (1) < 100 feet (Navajo Pits Only)

☐ (2) > 100 feet

TOTAL HAZARD RANKING SCORE 10 **POINTS**

REMARKS

Remarks: REVISION BASED ON REASSESSMENT OF THE HORIZONTAL
DISTANCE TO SURFACE WATER BODY.

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 75826 Location: FLORANCE #47X
 Operator #: 0203 Operator Name: Amoco P/L District: AZTEC
 Coordinates: Letter: 6 Section 5 Township: 30 Range: 9
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator _____ Location Drip: X Line Drip: _____ Other: _____
 Site Assessment Date: 2.8.95 Area: 04 Run: 92

SITE ASSESSMENT

NMOCD Zone: (From NMOCD Maps) Inside ☒ (1) Outside ☐ (2)
 Land Type: BLM ☒ (1) State ☐ (2) Fee ☐ (3) Indian _____

Depth to Groundwater
 Less Than 50 Feet (20 points) ☐ (1)
 50 Ft to 99 Ft (10 points) ☒ (2)
 Greater Than 100 Ft (0 points) ☐ (3)

Wellhead Protection Area :
 Is it less than 1000 ft from wells, springs, or other sources of fresh water extraction? , or ; Is it less than 200 ft from a private domestic water source? ☐ (1) YES (20 points) ☒ (2) NO (0 points)

Horizontal Distance to Surface Water Body
 Less Than 200 Ft (20 points) ☐ (1)
 200 Ft to 1000 Ft (10 points) ☒ (2)
 Greater Than 1000 Ft (0 points) ☐ (3)

Name of Surface Water Body CROW CANYON

(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)

Distance to Nearest Ephemeral Stream ☐ (1) < 100' (Navajo Pits Only)
☐ (2) > 100'

TOTAL HAZARD RANKING SCORE: 20 POINTS

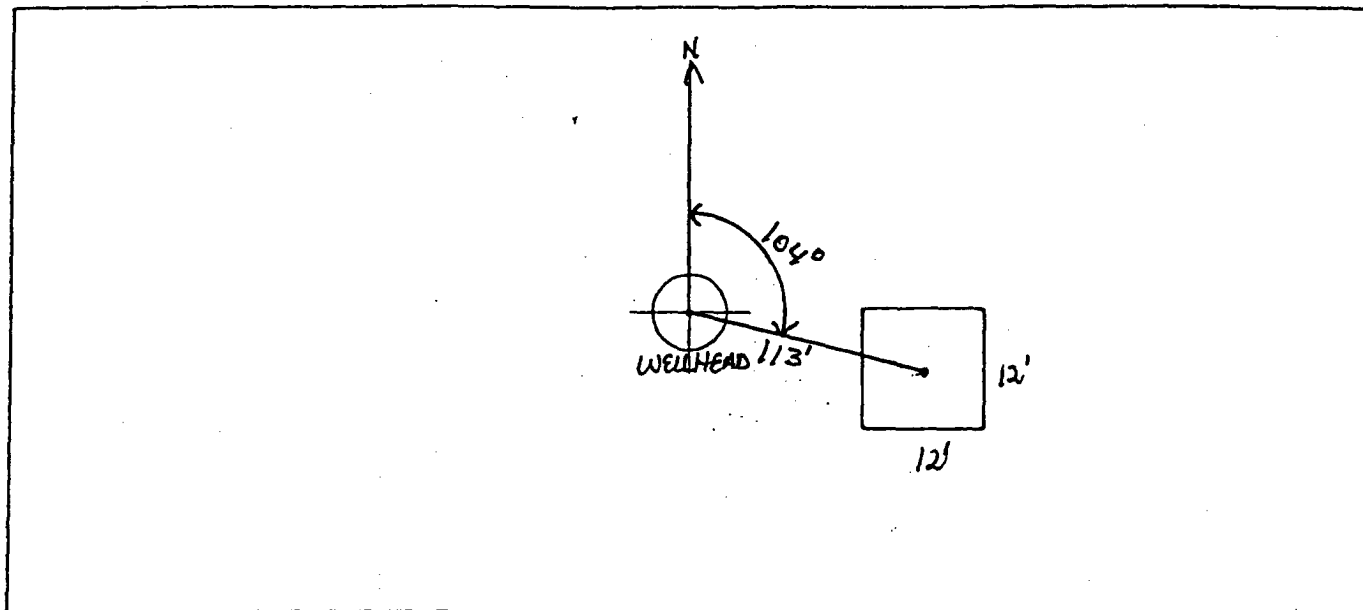
REMARKS

Remarks : REDLINE 5. TOPO SHOW LOCATION INSIDE V.Z. TWO PITS ON
LOCATIONAL. LOCATION DRIP PIT BELONGS TO EPNG. WILL CLOSE PIT.

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 104° Footage from Wellhead 113'
b) Length : 12' Width : 12' Depth : 1'



REMARKS

Remarks :

PHOTOS - 1147

Completed By:

Signature

2.8.95

Date