

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-cobbles
Approved
even though
close to river
TPH 214, very low
BTEX
Submit 1 copy to appropriate District Office and 1 copy to the Santa Fe Office
Revised 3/9/94)

PIT REMEDIATION AND CLOSURE REPORT

30-045-09347

Operator: Gilbreath (Site Closed by El Paso Field Services)

Telephone: _____

Address: _____

Facility Or: Blancett #1, Meter 73306

Well Name _____

Location: Unit or Qtr/Qtr Sec G Sec 24 T 30 R 12 County San Juan

Pit Type: Separator _____ Dehydrator _____ Other Drip

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

Pit Location: Pit dimensions: length 18', width 17', depth 0'

(Attach diagram)

Reference: wellhead X, other _____

Footage from reference: 53'

Direction from reference: 25 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>10</u>
irrigation canals and ditches.)		

RANKING SCORE (TOTAL POINTS): 20

Date Remediation Started: 01/03/95 Date completed: 01/03/95

Remediation Method: Excavation Approx. cubic yards

(Check all appropriate sections.)

Landfarmed Insitu Bioremediation

Other Backfill Pit Without Excavation

Remediation Location: Onsite N/A Offsite N/A

(i.e. landfarmed onsite,
name and location of
offsite facility)

General Description of Remedial Action:

Ground Water Encountered: No X Yes Depth

Final Pit:

Sample location Four walls and center of pit composite

Closure Sampling:

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

Sample depth 12

Sample Date 01/03/95 Sample time 08:32

Sample Results

Benzene(ppm) <0.005

Total BTEX(ppm) 0.026

Field headspace(ppm) 2

TPH 214

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 4/22/03

Signature Scott T. Pope

Printed Name
and Title

Scott Pope, Senior Environmental Scientist



PIT CLOSURE REQUEST

Blancett #1
Meter/Line ID 73306

SITE DETAILS

Legals - Twn: 30N

Rng: 12W

Sec: 24

Unit: G

NMOCD Hazard Ranking: 20

Land Type: Fee

Operator: Norman L. Gilbreath

Pit Closure Date: 1/3/95

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. Groundwater was not encountered in the test pit. Headspace analysis indicated an organic vapor content of 2 ppm, laboratory analysis indicated a benzene concentration of <0.005 mg/kg, a total BTEX concentration of 0.026 mg/kg, and a TPH concentration of 214 mg/kg. The TPH measurement exceeded recommended remediation levels for the Hazard Ranking Score.

No soil was excavated and removed off-site. The pit was backfilled with site soil, topped with clean soil from the surrounding berms, and graded in a manner to direct surface runoff away from the pit area.

A Phase II boring was completed with refusal (cobbles) at 3 ft bgs. The boring was drilled approximately five feet north of the pit due to overhead power lines. Environmental samples were not collected from the Phase II boring due to the shallow depth of refusal.

No Phase III activities were performed.

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

- The primary source, discharge to the pit, was removed for over eight years.
- The test pit was backfilled and the former pit area graded to direct surface runoff away from the former pit.
- Clean soil from the surrounding berms placed on top of the excavation would limit the potential for direct contact with hazardous constituents by livestock or the public; i.e., direct contact exposure pathways are unlikely to be completed.
- There are no water supply wells or other sources of fresh water extraction within 1,000 feet of the site.
- Groundwater was not encountered during the excavation to 12 feet bgs.
- Benzene and total BTEX concentrations at the bottom of the test pit (12 feet bgs) were below recommended remediation levels for the Hazard Ranking Score.



PIT CLOSURE REQUEST

- The TPH concentration at the bottom of the excavation is relatively low (214 mg/kg) and apparently represent the less mobile constituents based on total BTEX analyses. These residual hydrocarbons are likely to degrade by natural attenuation with minimal risk to human health and the environment.

ATTACHMENTS

Field Pit Assessment Form

Revised Field Pit Assessment Form

Field Pit Remediation/Closure Form

Phase II Soil Boring Log

Laboratory Analytical Results

REVISED FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 73306 Location: BLANETT #1
 Operator #: _____ Operator Name: GILBERT P/L District: KUTZ
 Coordinates: Letter G Section 24 Township: 30 Range: 12
 or Latitude _____ Longitude _____
 Pit Type: Dehydrator _____ Location Drip: X Line Drip: _____ Other: _____
 Site Assessment Date: 12/12/94 Area: 02 Run: 71
 Revised Date: 1/7/03

SITE ASSESSMENT

NMOCD Zone:
 (from NMCOD Maps)

Land Type:

	BLM	<input type="checkbox"/> (1)
	State	<input type="checkbox"/> (2)
	Fee	<input checked="" type="checkbox"/> (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 HAIRY RIVER

(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 20 **POINTS**

REMARKS

Remarks: REVISION BASED ON REASSESSMENT OF DEPTH TO
GROUNDWATER

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 73306 Location: BLANCETT #1
 Operator #: _____ Operator Name: GILBREATH P/L District: KUTZ
 Coordinates: Letter: 6 Section 24 Township: 30 Range: 12
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator _____ Location Drip: X Line Drip: _____ Other: _____
 Site Assessment Date: 12-12-94 Area: 02 Run: 71

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 ANIMAS RIVER
 (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: 30 POINTS

REMARKS

Remarks : REDLINE & TOPO SHOW LOCATION INSIDE V.Z. ONE PIT ON LOCATION -
BELONGS TO OPERATOR. EPNG LOCATION DRIP HAS BEEN CLOSED. WILL RE-DIG
CLOSED PIT. NOTE ORANGE STAKE.

DIG & Haul



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	mk 310	946548
MTR CODE SITE NAME:	73306	N/A
SAMPLE DATE TIME (Hrs):	1-3-95	0832
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	1-5-95	1-5-95
DATE OF BTEX EXT. ANAL.:	1/5/95 - SV	1/5/95
TYPE DESCRIPTION:	VG	Brown sand

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<0.005	MG/KG	0.00101		4.96	SV
TOLUENE	^{0.026} <0.005 _{12/6/95}	MG/KG	I		I	I
ETHYL BENZENE	<0.005	MG/KG	I		I	I
TOTAL XYLENES	<0.015	MG/KG	I		I	I
TOTAL BTEX	0.026	MG/KG				
TPH (418.1)	214	MG/KG			2.03	28
HEADSPACE PID	2 ^{100%} 002 _{1/6/95}	PPM				
PERCENT SOLIDS	93.6	%				

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at 125 % for this sample All QA/QC was acceptable.
ative:

DF = Dilution Factor Used

Approved By:

John Saville

Date:

1-6-95