

EL PASO FIELD SERVICES PRODUCTION PIT CLOSURE

Canyon Largo Unit No. 175
Meter/Line ID – 87617

OK

SITE DETAILS

Legals - Twn: 25N
NMOCD Hazard Ranking: 40
Operator: Meridian

Rng: 6W

Sec: 33 Unit: A
Land Type: Navajo
Pit Closure Date: 11/08/95

Federal

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 8 feet below ground surface and a soil sample was collected for field headspace analysis and laboratory analysis for benzene, total BTEX, and TPH. Groundwater was not encountered in the test pit. The pit was backfilled and graded in a manner to direct surface runoff away from the pit area. Headspace analysis indicated an organic vapor content of 1.3 ppm; laboratory analysis indicated a benzene concentration of <0.5 mg/kg, total BTEX concentration of <3 mg/kg, and a TPH concentration of <10 mg/kg.

El Paso Field Services Company (EPFS) requests closure of the above mentioned production pit location for the following reasons:

- The primary source, discharge to the pit, has been removed for almost five years.
- The test pit was backfilled and the former pit area graded to direct surface runoff away from the former pit.
- Based on the Hazard Ranking Score, benzene, total BTEX, and TPH were below required remediation levels.
- Residual hydrocarbons in the soil will degrade naturally with minimal risk to the environment.
- Groundwater was not encountered in the test excavation.

ATTACHMENT

Field Pit Remediation/Closure Form

Field Pit Assessment Form
Laboratory Analytical Results

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 87-617 Location: Canyon Largo Unit No. 175
 Operator #: 1987 Operator Name: Meridian P/L District: Bellevue
 Coordinates: Letter: A Section 33 Township: 25 Range: 6
 Or Latitude _____ Longitude _____
 Pit Type: Dehydrator _____ Location Drip: X Line Drip: _____ Other: _____
 Site Assessment Date: 1/20/95 Area: 07 Run: 42

SITE ASSESSMENT

NMOCD Zone: (From NMOCD Maps) Inside ☒ (1) Outside ☐ (2)
 Land Type: BLM ☒ (1) State ☐ (2) Fee ☐ (3) Indian Navajo ^{RLB 10/23/95}

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 Cañon Largo

(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: 40 POINTS

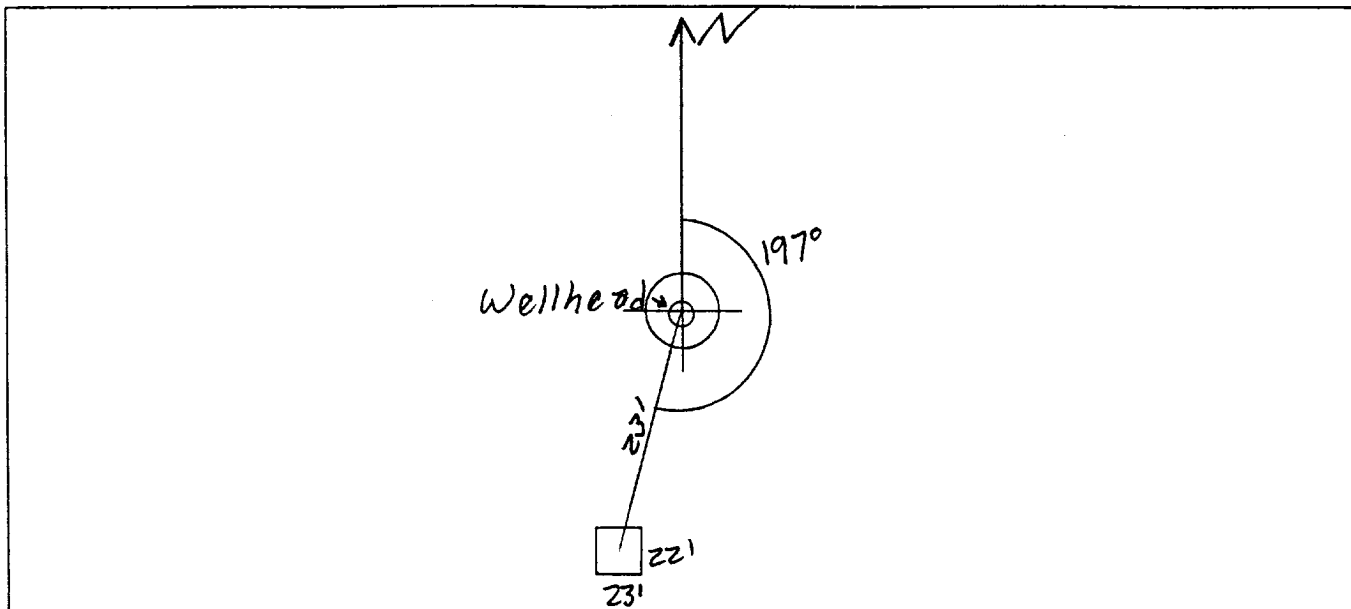
REMARKS

Remarks : Vulnerable Zone Top: Inside Redline Book: Inside
One pit, pit is dry, Will close one pit.

DTG & HALL

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 197° Footage from Wellhead 23'
 b) Length : 23' Width : 22' Depth : 2'



Remarks :

Pictures at 0930.
Dump Truck

Completed By:

Sarah Kelly
 Signature

1/20/95
 Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>87617</u> Location: <u>Canyon Largo Unit No. 175</u> Coordinates: Letter: <u>A</u> Section <u>33</u> Township: <u>25</u> Range: <u>6</u> Or Latitude _____ Longitude _____ Date Started : <u>11/3/95</u> Run: <u>07</u> <u>42</u>
FIELD OBSERVATIONS	Sample Number(s): <u>JK124</u> Sample Depth: <u>8'</u> Feet Final PID Reading <u>1.3</u> PID Reading Depth <u>8'</u> Feet Yes No Groundwater Encountered <input type="checkbox"/> <input checked="" type="checkbox"/> Approximate Depth _____ Feet
CLOSURE	Remediation Method : <div style="display: flex; justify-content: space-between;"> <div> Excavation Onsite Bioremediation Backfill Pit Without Excavation </div> <div> <input type="checkbox"/> Approx. Cubic Yards <u>0</u> <u>or</u> <u>11/10/95</u> <input type="checkbox"/> Approved for Closure by <u>Jim Walker 11-6-95</u> <input checked="" type="checkbox"/> </div> </div> Soil Disposition: <div style="display: flex; justify-content: space-between;"> <div> Envirotech <input type="checkbox"/> Other Facility <input type="checkbox"/> </div> <div> <input type="checkbox"/> Tierra Name: _____ </div> </div> Pit Closure Date: <u>11-8-95</u> Pit Closed By: <u>Philip</u>
REMARKS	Remarks : <u>Did Not Excavate</u> <u>Fence size 26x25=650 No Net</u> <u>Less Than 100' From Ephemeral Stream</u> <u>No E.P.N.G on Site</u>
	Signature of Specialist: <u>James L. King</u>



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Inside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	JK124	947741
MTR CODE SITE NAME:	87617	Compton Langol Unit No. 175
SAMPLE DATE TIME (Hrs):	11-3-95	1143
PROJECT:	Phase I Navajo	
DATE OF TPH EXT. ANAL:	11-8-95	
DATE OF BTEX EXT. ANAL:	11/6/95	11/6/95
TYPE DESCRIPTION:	VCA	LIGHT BROWN SANDY CLAY

Field Remarks:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	< 0.5	MG/KG				
TOLUENE	< 0.5	MG/KG				
ETHYL BENZENE	< 0.5	MG/KG				
TOTAL XYLENES	< 1.5	MG/KG				
TOTAL BTEX	< 3	MG/KG				
TPH (418.1)	< 10	MG/KG			208	28
HEADSPACE PID	1.3	PPM				
PERCENT SOLIDS	92.2	%				

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

The Surrogate Recovery was at 106% for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

Approved By: JF

Date: 11/8/95

BTEX SOIL SAMPLE WORKSHEET

File	:	947741	Date Printed	:	11/7/95
Soil Mass (g)	:	5.05	Multiplier (L/g)	:	0.00099
Extraction vol. (mL)	:	10	CAL FACTOR (Analytical):		200
Shot Volume (uL)	:	50	CAL FACTOR (Report):		0.19802
			DILUTION FACTOR:	1	Det. Limit
Benzene (ug/L)	:	0.00	Benzene (mg/Kg):	0.000	0.495
Toluene (ug/L)	:	0.54	Toluene (mg/Kg):	0.107	0.495
Ethylbenzene (ug/L)	:	0.00	Ethylbenzene (mg/Kg):	0.000	0.495
p & m-xylene (ug/L)	:	0.16	p & m-xylene (mg/Kg):	0.032	0.990
o-xylene (ug/L)	:	0.00	o-xylene (mg/Kg):	0.000	0.495
			Total xylenes (mg/Kg):	0.032	1.485
			Total BTEX (mg/Kg):	0.139	