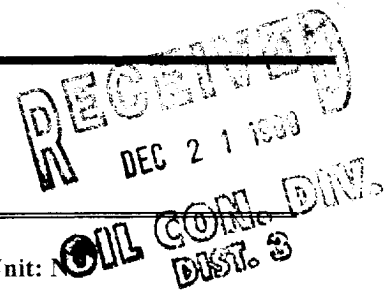


EL PASO FIELD SERVICES
PRODUCTION PIT CLOSURE *De hy*

Gallegos Canyon Unit #187E
Meter/Line ID - 92002



SITE DETAILS

Legals - Twn: 29N
NMOCD Hazard Ranking: 0
Operator: Amoco Prod

Rng: 12W

Sec: 30

Unit: N

Land Type: Fee

Pit Closure Date: 10/21/94

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' and a soil sample was collected for field headspace analysis and laboratory analysis for 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 259 ppm; laboratory analysis indicated a TPH concentration of 275 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 over five years.
- The test pit was backfilled with clean soil and the former pit area graded to direct surface runoff away from the former pit.
- Source material has been removed from the ground surface, eliminating potential direct contact with livestock and the public.
- Groundwater was not encountered in the test excavation. In addition, the estimated depth to groundwater is greater than 100 feet; therefore, impact to groundwater is unlikely.
- There are no water supply wells or potential surface water receptors within 1,000 feet of the site.
- Residual hydrocarbons in the soil will degrade by natural attenuation with minimal risk to the environment.

ATTACHMENT

Revised Field Pit Assessment Form
Field Pit Remediation/Closure Form

Field Pit Assessment Form
Laboratory Analytical Results

REVISED
FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>9200Z</u> Location: <u>GALLEGO CANYON UNIT #107E</u></p> <p>Operator #: _____ Operator Name: <u>AMOCO PROD.</u> P/L District: _____</p> <p>Coordinates: Letter: <u>N</u> Section <u>30</u> Township: <u>29</u> Range: <u>12</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator <input checked="" type="checkbox"/> Location Drip: _____ Line Drip: _____ Other: _____</p> <p>Site Assessment Date: <u>4.28.98</u> Area: <u>01</u> Run: <u>61</u></p>
SITE ASSESSMENT	<p>NMOCD Zone: (From NMOCD Maps)</p> <p style="margin-left: 150px;">Inside <input type="checkbox"/> (1)</p> <p style="margin-left: 150px;">Outside <input checked="" type="checkbox"/> (2)</p> <p>Land Type:</p> <p>BLM <input type="checkbox"/> (1)</p> <p>State <input type="checkbox"/> (2)</p> <p>Fee <input checked="" type="checkbox"/> (3)</p> <p>Indian _____</p> <p>Depth to Groundwater</p> <p>Less Than 50 Feet (20 points) <input type="checkbox"/> (1)</p> <p>50 Ft to 99 Ft (10 points) <input type="checkbox"/> (2)</p> <p>Greater Than 100 Ft (0 points) <input checked="" type="checkbox"/> (3)</p> <p>Wellhead Protection Area</p> <p>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?</p> <p style="text-align: center;"><input type="checkbox"/> (1) YES (20 points) <input checked="" type="checkbox"/> (2) NO (0 points)</p> <p>Horizontal Distance to Surface Water Body</p> <p>Less Than 200 Ft (20 points) <input type="checkbox"/> (1)</p> <p>200 Ft to 1000 Ft (10 points) <input type="checkbox"/> (2)</p> <p>Greater Than 1000 Ft (0 points) <input checked="" type="checkbox"/> (3)</p> <p>Name of Surface Water Body _____</p> <p>(Surface Water Body: Perennial Rivers, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)</p> <p>Distance to Nearest Ephemeral Stream <input type="checkbox"/> (1) < 100' (Navajo Pits Only)</p> <p style="margin-left: 150px;"><input type="checkbox"/> (2) > 100'</p> <p>TOTAL HAZARD RANKING SCORE: <u>0</u> POINTS</p>
REMARKS	<p>Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. LOCATION IS IN A REMOTE AREA UP ON A BLUFF ABOVE THE B SQUARE RANCH.</u></p>

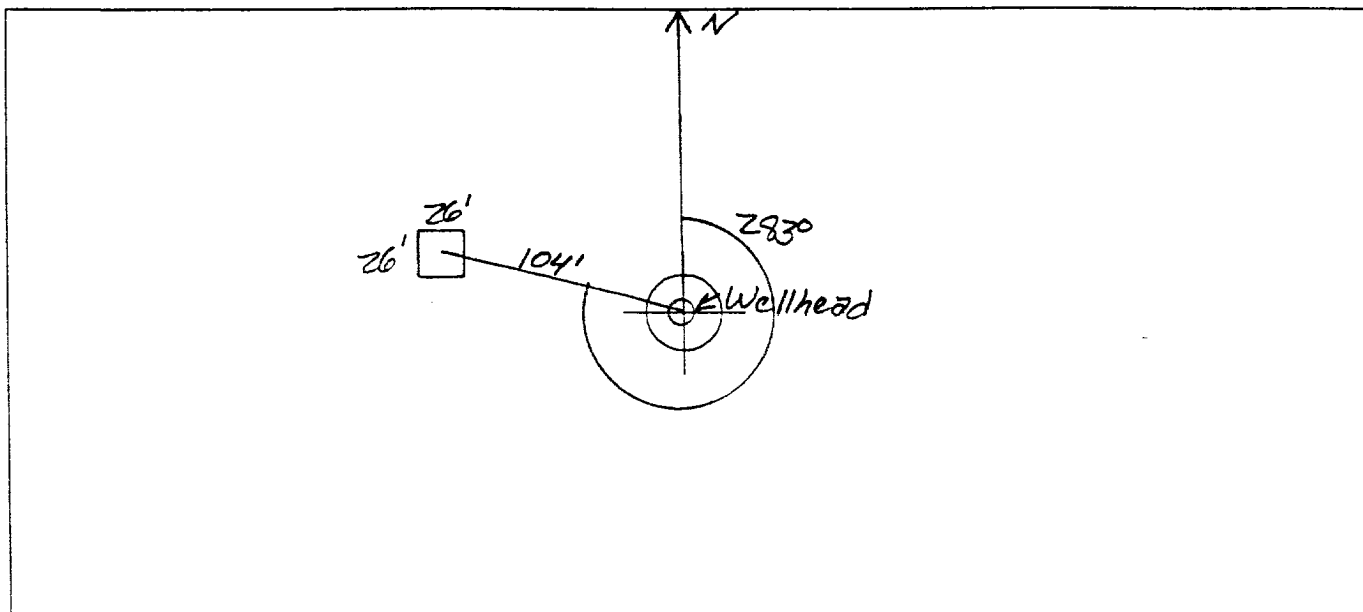
FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>92-002</u> Location: <u>Gallegos Canyon Unit No. 187E</u> Operator #: <u>0641</u> Operator Name: <u>BHP Petroleum P/L</u> District: <u>Angel Peak</u> Coordinates: Letter: <u>N</u> Section <u>30</u> Township: <u>29</u> Range: <u>12</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator _____ Location Drip: <u>X</u> Line Drip: _____ Other: _____ Site Assessment Date: <u>10/4/94</u> Area: <u>01</u> Run: <u>61</u></p>
SITE ASSESSMENT	<p>NMOCD Zone: (From NMOCD Maps) Inside <input type="checkbox"/> (1) Outside <input checked="" type="checkbox"/> (2)</p> <p>Land Type: BLM <input type="checkbox"/> (1) State <input type="checkbox"/> (2) Fee <input checked="" type="checkbox"/> (3) Indian _____</p> <p>Depth to Groundwater Less Than 50 Feet (20 points) <input type="checkbox"/> (1) 50 Ft to 99 Ft (10 points) <input checked="" type="checkbox"/> (2) Greater Than 100 Ft (0 points) <input type="checkbox"/> (3)</p> <p>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? <input type="checkbox"/> (1) YES (20 points) <input checked="" type="checkbox"/> (2) NO (0 points)</p> <p>Horizontal Distance to Surface Water Body Less Than 200 Ft (20 points) <input type="checkbox"/> (1) 200 Ft to 1000 Ft (10 points) <input checked="" type="checkbox"/> (2) Greater Than 1000 Ft (0 points) <input type="checkbox"/> (3)</p> <p>Name of Surface Water Body <u>San Juan River</u> (Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds) Distance to Nearest Ephemeral Stream <input type="checkbox"/> (1) < 100' (Navajo Pits Only) <input type="checkbox"/> (2) > 100'</p> <p>TOTAL HAZARD RANKING SCORE: <u>20</u> POINTS</p>
REMARKS	<p>Remarks : <u>Redline Book: Inside Vulnerable Zone Topo: Outside</u> <u>Three pits, location drip pit is dry. Will close one pit.</u> <u>PUSH IN</u></p>

ORIGINAL PIT LOCATION

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 283° Footage from Wellhead 104'
b) Length : 26' Width : 26' Depth : 3'



REMARKS

Remarks :

Pictures at 0922

Dump Truck

Sign says GCU No. 187E with Amoco as operator. Meter
house says GCU 187E, meter # 93-680. Meter sheet says
GCU 352, meter # 92-002, with BHP as operator. Run
map and sheets say GCU 187E with meter # 93-680.

Completed By:

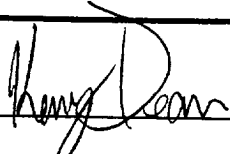
Mark Kelly

Signature

10/4/94

Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>92002</u> Location: <u>Gallegos Canyon Unit #187 E</u> Coordinates: Letter: <u>N</u> Section <u>30</u> Township: <u>29</u> Range: <u>12</u> Or Latitude _____ Longitude _____ Date Started : <u>10/21/94</u> Run: <u>01</u> <u>61</u>
FIELD OBSERVATIONS	Sample Number(s): <u>KD347</u> Sample Depth: <u>12'</u> Feet Final PID Reading <u>259</u> PID Reading Depth _____ Feet <div style="text-align: center;">Yes No</div> 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 <input checked="" type="checkbox"/> </div> <div> <input type="checkbox"/> Approx. Cubic Yards _____ <input type="checkbox"/> <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>10/21/94</u> Pit Closed By: <u>B.E.I.</u>
REMARKS	Remarks : <u>Dug test hole to 12', Took PID reading, Closed Pit.</u> _____ _____
	Signature of Specialist: <u></u>



FIELD SERVICES LABORATORY

ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	10-247	946440
MTR CODE SITE NAME:	with 92002 92002	N/A
SAMPLE DATE TIME (Hrs):	10-21-94	1145
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	10-26-94	
DATE OF BTEX EXT. ANAL.:	N/A	N/A
TYPE DESCRIPTION:	VC	Dark Brown sand & clay

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (4) 8.1)	275	MG/KG			2.11	28
HEADSPACE PID	259	PPM				
PERCENT SOLIDS	88.3	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By: 

Date: 11/3/94