

**EL PASO FIELD SERVICES
PIT CLOSURE REPORT**

Outside

*REK
BTEX*

**FARMING A WELL #1
Meter/Line ID - 71532**

SITE DETAILS

Legals - Twn: 27N Rng: 9W Sec: 16 Unit: H
NMOCD Hazard Ranking: 10 Land Type: State
Operator: Breck Operating Pit Closure Date: 9/9/94

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 feet and a soil sample was collected for 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 117 ppm; laboratory analysis indicated a TPH concentration of 72.5 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 four 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
Chain of Custody

Field Pit Assessment Form
Laboratory Analytical Results

REVISED
FIELD PIT SITE ASSESSMENT FORM

GENERAL	Meter: <u>71532</u> Location: <u>Farming A Well #1</u>
	Operator #: _____ Operator Name: _____ P/L District: _____
	Coordinates: Letter: <u>H</u> Section <u>16</u> Township: <u>27</u> Range: <u>9</u>
	Or Latitude _____ Longitude _____
	Pit Type: Dehydrator _____ Location Drip: _____ Line Drip: _____ Other: _____
Site Assessment Date: <u>12/18/97</u> Area: _____ Run: _____	

SITE ASSESSMENT	NMOCD Zone:	Land Type:	BLM <input type="checkbox"/> (1)
	(From NMOCD		State <input checked="" type="checkbox"/> (2)
	Maps)	Inside <input type="checkbox"/> (1)	Fee <input type="checkbox"/> (3)
		Outside <input checked="" type="checkbox"/> (2)	Indian _____
	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)	
	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)
Horizontal Distance to Surface Water Body			
Less Than 200 Ft (20 points)	<input type="checkbox"/> (1)		
200 Ft to 1000 Ft (10 points)	<input type="checkbox"/> (2)		
Greater Than 1000 Ft (0 points)	<input checked="" type="checkbox"/> (3)		
Name of Surface Water Body _____			
(Surface Water Body: Perennial Rivers, 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'		
TOTAL HAZARD RANKING SCORE: <u>10</u> POINTS			

REMARKS	Remarks : <u>Site has been re-assessed, due to initial assessment including washes as a Surface Water Body. Site is >1000' from center of Jagrez Canyon Wash.</u>
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FIELD PIT SITE ASSESSMENT FORM

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GENERAL	Meter: <u>7153Z</u> Location: <u>Farming 'A' well No 1</u> Operator #: _____ Operator Name: <u>Breck</u> P/L District: <u>Ballard</u> Coordinates: Letter: <u>A</u> Section <u>16</u> Township: <u>27N</u> Range: <u>9W</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator _____ Location Drip: <input checked="" type="checkbox"/> Line Drip: _____ Other: _____ Site Assessment Date: <u>6-11-94</u> Area: <u>11</u> Run: <u>31</u>
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SITE ASSESSMENT	<p>NMOCD Zone: (From NMOCD Maps)</p> <p style="margin-left: 100px;"> <input type="checkbox"/> Inside (1) <input checked="" type="checkbox"/> Outside (2) </p> <p style="margin-left: 100px;"> Land Type: </p> <table style="margin-left: 100px;"> <tr> <td>BLM</td> <td><input type="checkbox"/> (1)</td> </tr> <tr> <td>State</td> <td><input checked="" type="checkbox"/> (2)</td> </tr> <tr> <td>Fee</td> <td><input type="checkbox"/> (3)</td> </tr> <tr> <td>Indian</td> <td>_____</td> </tr> </table> <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 checked="" type="checkbox"/> (2)</p> <p>Greater Than 100 Ft (0 points) <input 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? <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 checked="" type="checkbox"/> (2)</p> <p>Greater Than 1000 Ft (0 points) <input type="checkbox"/> (3)</p> <p>Name of Surface Water Body <u>Jaquez Canyon</u></p> <p>(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)</p> <p>Distance to Nearest Ephemeral Stream <input type="checkbox"/> (1) < 100' (Navajo Pits Only) <input type="checkbox"/> (2) > 100'</p> <p>TOTAL HAZARD RANKING SCORE: _____ POINTS</p>	BLM	<input type="checkbox"/> (1)	State	<input checked="" type="checkbox"/> (2)	Fee	<input type="checkbox"/> (3)	Indian	_____
BLM	<input type="checkbox"/> (1)								
State	<input checked="" type="checkbox"/> (2)								
Fee	<input type="checkbox"/> (3)								
Indian	_____								

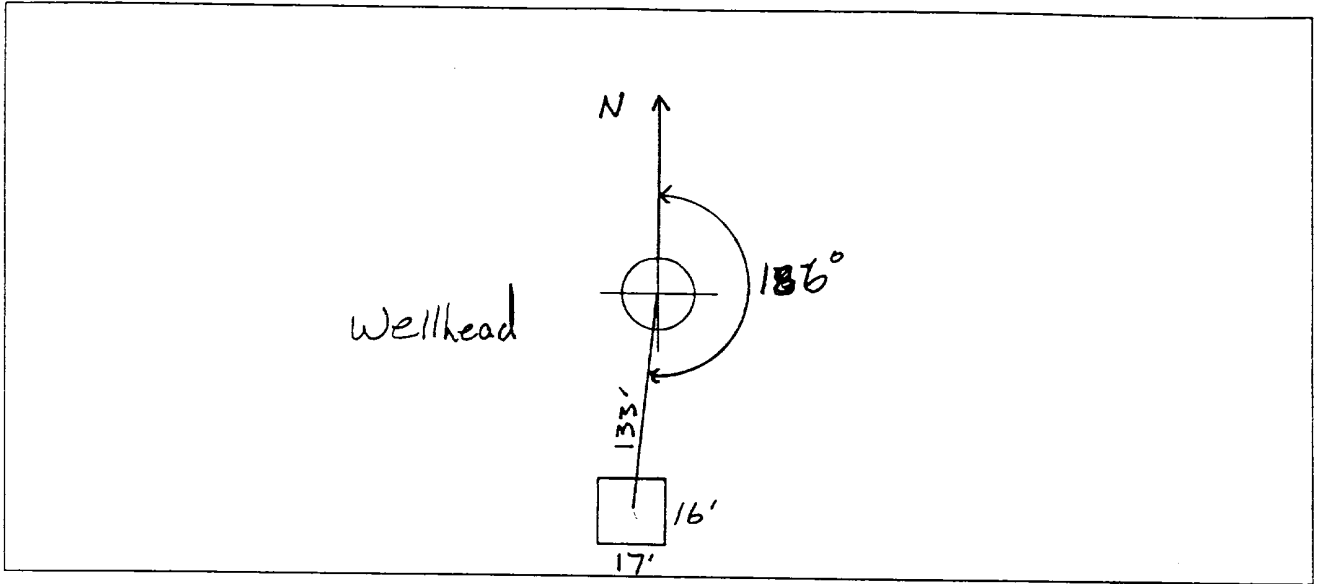
REMARKS	Remarks : <u>one pit. - dry</u> <u>outside v.z. on top</u> <u>inside v.z. on bedrock</u>
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[Signature]

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 186 Footage from Wellhead 133
b) Length : 17 Width : 16 -Depth : 4

ORIGINAL PIT LOCATION



Remarks :

Photos - 1204

Bobtail

REMARKS

Completed By:

[Signature]

Signature

6-11-94

Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: 71532 Location: Farming A Well #1

Coordinates: Letter: H Section 16 Township: 27 Range: 9

Or Latitude _____ Longitude _____

Date Started : 9-9-94 Run: 16 31

FIELD OBSERVATIONS

Sample Number(s): VW263

Sample Depth: 12' Feet

Final PID Reading 117 PID Reading Depth 12' Feet

Yes No

Groundwater Encountered Approximate Depth _____ Feet

CLOSURE

Remediation Method :

Excavation Approx. Cubic Yards _____

Onsite Bioremediation

Backfill Pit Without Excavation

Soil Disposition:

Envirotech Tierra

Other Facility Name: _____

Pit Closure Date: 9-9-94 Pit Closed By: BEZ

REMARKS

Remarks : _____

Signature of Specialist: Vale Wilsey

* Test Method for *
* Oil and Grease and Petroleum Hydrocarbons *
* in Water and Soil *
* Perkin-Elmer Model 1600 FT-IR *
* Analysis Report *

94/09/13 15:01

* Sample identification
946093

* Initial mass of sample, g
2.190

* Volume of sample after extraction, ml
28.000

* Petroleum hydrocarbons, ppm
72.478

* Net absorbance of hydrocarbons (2930 cm-1)
0.020

