

**EL PASO FIELD SERVICES
PRODUCTION PIT CLOSURE**

OK

**Valencia Canyon #27
Meter/Line ID – 90202**

SITE DETAILS

Legals - Twn: 28N	Rng: 4W	Sec: 22	Unit: M
NMOCD Hazard Ranking: 20		Land Type: US Forest Service	
Operator: Amoco		Pit Closure Date: 06/17/94	

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 9 feet 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 and bedrock was encountered at 9 feet below ground surface. 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 19 ppm; laboratory analysis indicated a TPH concentration of 17.7 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 six years.
- The test pit was backfilled and the former pit area graded to direct surface runoff away from the former pit.
- Bedrock was encountered in the test excavation at 9 feet below ground surface making further remediation impractical; therefore, impact to groundwater is unlikely.
- Groundwater was not encountered in the test excavation and the estimated depth to groundwater is greater than 100 feet.
- Based on the Hazard Ranking Score, TPH was below required remediation levels.
- Residual hydrocarbons in the soil will degrade naturally with minimal risk to the environment.

ATTACHMENT

Field Pit Assessment Form
Field Pit Remediation/Closure Form



Laboratory Analytical Results

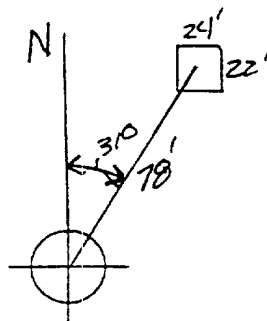
FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>90202</u> Location: <u>VALENIA CANYON #27</u> Operator #: <u>0203</u> Operator Name: <u>AMOCO</u> P/L District: <u>BLOOMFIELD</u> Coordinates: Letter: <u>M</u> Section <u>22</u> Township: <u>28</u> Range: <u>4</u> Or Latitude _____ Longitude _____ Pit Type: Dehydrator <input checked="" type="checkbox"/> Location Drip: _____ Line Drip: _____ Other: _____ Site Assessment Date: <u>5-15-94</u> Area: <u>10</u> Run: <u>62</u></p>		
	<table border="0"> <tr> <td data-bbox="107 677 206 1823" rowspan="2">SITE ASSESSMENT</td> <td data-bbox="206 677 1561 1823"> <p>NMOCD Zone: (From NMOCD Maps)</p> <p>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 type="checkbox"/> (3) Indian <input type="checkbox"/> _____ FOREST <input checked="" type="checkbox"/></p> <p>Depth to Groundwater Less Than 50 Feet (20 points) <input type="checkbox"/> (1) 50 Ft to 99 Ft (10 points) <input type="checkbox"/> (2) Greater Than 100 Ft (0 points) <input checked="" type="checkbox"/> (3)</p> <p>Wellhead Protection Area : <u>GETTEM SPRINGS</u> 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 checked="" type="checkbox"/> (1) YES (20 points) <input 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 type="checkbox"/> (2) Greater Than 1000 Ft (0 points) <input checked="" type="checkbox"/> (3)</p> <p>Name of Surface Water Body _____ (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: <u>20</u> POINTS</p> </td> </tr> <tr> <td data-bbox="107 1823 1561 2009"> <p>REMARKS</p> <p>Remarks : <u>TWO PITS ON LOCATION, ONE PITS TO BE CLOSED</u></p> </td> </tr> </table>	SITE ASSESSMENT	<p>NMOCD Zone: (From NMOCD Maps)</p> <p>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 type="checkbox"/> (3) Indian <input type="checkbox"/> _____ FOREST <input checked="" type="checkbox"/></p> <p>Depth to Groundwater Less Than 50 Feet (20 points) <input type="checkbox"/> (1) 50 Ft to 99 Ft (10 points) <input type="checkbox"/> (2) Greater Than 100 Ft (0 points) <input checked="" type="checkbox"/> (3)</p> <p>Wellhead Protection Area : <u>GETTEM SPRINGS</u> 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 checked="" type="checkbox"/> (1) YES (20 points) <input 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 type="checkbox"/> (2) Greater Than 1000 Ft (0 points) <input checked="" type="checkbox"/> (3)</p> <p>Name of Surface Water Body _____ (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: <u>20</u> POINTS</p>
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	<p>REMARKS</p> <p>Remarks : <u>TWO PITS ON LOCATION, ONE PITS TO BE CLOSED</u></p>		

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 31° Footage from Wellhead 78'
 b) Length : 24' Width : 22' Depth : 4'

ORIGINAL PIT LOCATION



REMARKS

Remarks :

PHOTOGRAPHS AH-7(10-13)

Completed By:

[Signature]

Signature

5-15-94

Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL

Meter: 90202 Location: Valencia Canyon Unit # 27
 Coordinates: Letter: M Section 22 Township: 28 Range: 4
 Or Latitude _____ Longitude _____
 Date Started : 6-17-94 Area: 10 Run: 62 PR 6/20/94

FIELD OBSERVATIONS

Sample Number(s): W 216
 Sample Depth: 9' Feet
 Final PID Reading 19 PID Reading Depth 9' Feet
 Yes No
 Groundwater Encountered ☐ (1) ☒ (2) Approximate Depth _____ Feet

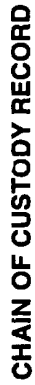
CLOSURE

Remediation Method :
 Excavation ☐ (1) Approx. Cubic Yards _____
 Onsite Bioremediation ☐ (2)
 Backfill Pit Without Excavation ☒ (3)
 Soil Disposition:
 Envirotech ☐ (1) ☐ (3) Tierra
 Other Facility ☐ (2) Name: _____
 Pit Closure Date: 6-17-94 Pit Closed By: BEI

REMARKS

Remarks : EPN's line Markers - Sandstone 9'

Signature of Specialist: Val Wilson



White - Testing Laboratory Canary - EPNG Lab Pink - Field Sampler

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, 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

Form C-104B
March 19, 2001

Submit 1 copy of the final affected wells
list along with 1 copy of this form per
number of wells on that list to
appropriate District Office

Change of Operator Name

OGRID: 167067
Effective Date: 6/1/2001

Previous Operator Name and Information:

Name: Cross Timbers Operating Company
Address: 2700 Farmington Ave
Address: Building K, Suite 1
City, State, Zip: Farmington, NM 87401

New Operator Name and Information:

New Name: XTO Energy Inc.
Address: 2700 Farmington Ave
Address: Building K, Suite 1
City, State, Zip: Farmington, NM 87401

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given on this form and the attached list of wells is true and complete to the best of my knowledge and belief.

Signature: _____

GARY L. MARKESTAD

Printed name: _____

VICE-PRESIDENT, SAN JUAN REGION

Title: _____

Date: 5/23/01

Phone: 505-324-1090 x-4001



NMOCD Approval

Signature: _____

Printed Name: _____

District: _____

Date: _____