



# AE Order Number Banner

## Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



**App Number: pKJ1603945716**

**1RP - 4166**

**LEGACY RESERVES OPERATING, LP**

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

Form C-141  
Revised October 10, 2003

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

**Release Notification and Corrective Action**

**OPERATOR**

☒ Initial Report ☐ Final Report

<b>Name of Company:</b> Legacy LP	<b>Contact:</b> Greg Skiles	
<b>Address:</b> P.O. Box 10848 Midland, TX 79702	<b>Telephone No.:</b> (432) 528 - 4014	
<b>Facility Name:</b> LMPSU #286 Flowline	<b>Facility Type:</b> Flowline	
<b>Surface Owner:</b> State of New Mexico	<b>Mineral Owner:</b>	<b>API:</b>

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	29	22S	37E					Lea


E-28-22-37

Latitude: N 32° 21' 50.01" Longitude: W 103° 10' 35.76"

30.625.10494

**NATURE OF RELEASE**

<b>Type of Release:</b> Oil	<b>Volume of Release:</b> 100 bbls	<b>Volume Recovered:</b> 70 bbls
<b>Source of Release:</b> flow-line	<b>Date and Hour of Occurrence:</b> 1/17/14	<b>Date and Hour of Discovery:</b> 1/17/14
<b>Was Immediate Notice Given?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	<b>If YES, To Whom?</b> Geoff Leking	
<b>By Whom?</b> Greg Skiles	<b>Date and Hour:</b> 1/21/14	
<b>Was a Watercourse Reached?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>If YES, Volume Impacting the Watercourse:</b> Not Applicable	
<b>Depth to Water.</b> ~70 ft bgs		
<b>If a Watercourse was Impacted, Describe Fully.*</b> Not Applicable		
<b>Describe Cause of Problem and Remedial Action Taken.*</b> Approximately 100 bbls of oil were released when the sidewall of a flow-line split. There was approximately 70 bbls recovered. An Emergency Response Team arrived at the release area and began continuous abatement of the impacted area. Visibly stained soil was excavated and hauled away for disposal at a state approved facility.		
<b>Describe Area Affected and Cleanup Action Taken.*</b> Approximately 2,200 square feet of surface area was impacted by the release. Soil samples will be collected from release area and submitted to Cardinal Laboratories for testing. Upon receipt of laboratory analytical data from soil samples collected during delineation operations, EPI will prepare and present a Remediation Proposal for approval.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to surface water, human health or the environment. In addition, NMOCD accept for compliance with any other federal, state, or local laws and/or regulations.		

<b>Signature:</b> 	<b>APPROVED</b>	
<b>Printed Name:</b> Greg Skiles		
<b>Title:</b> Production Foreman	<b>API</b> 21016	<b>Expiration Date:</b>
<b>E-mail Address:</b> gskiles@legacylvp.com	<b>Conditions of Approval:</b>	<b>Attached</b> <input type="checkbox"/>
<b>Date:</b> 1/21/14 <b>Phone:</b> (432) 528-4014		

\* Attach Additional Sheets If Necessary

RP 4166





ENVIRONMENTAL PLUS, INC.  
CONSULTING AND ENVIRONMENTAL REMEDIATION

22 January 2014

Mr. Geoff Leking, Environmental  
NMOCD  
1625 N. French Drive  
Hobbs, New Mexico 88240

HOBBS OCD

JAN 21 2014

RECEIVED

Re: Initial C-141  
Legacy LP  
LMPSU #286 Flowline  
UL-H, Section 29, Township 22 South, Range 37 East  
Lea County, New Mexico

Mr. Leking:

Environmental Plus, Inc. (EPI), on behalf of Mr. Greg Skiles, Legacy LP (Legacy), submits the attached form C-141 for the above-referenced leak site, located on land owned by the State of New Mexico.

The site is located approximately 4 miles south of Eunice, New Mexico (reference *Figure 1*). A search for water wells was completed utilizing the New Mexico Office of the State Engineer's website and a United States Geological Survey (USGS) database. A total of one (1) wells are located in the area surrounding the release site (reference *Table 1*). No wells (domestic, agriculture or public) and no bodies of surface water exist within a 1,000-foot radius of the release site (reference *Figure 2*). Groundwater data indicated the average water depth is approximately 70 feet below ground surface (bgs). The attached site information and metrics form ranks the site in accordance with the NMOCD Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993).

Approximately 100 bbls of oil was released when a flow-line sidewall split, 70 barrels were recovered (reference *Figure 3* and attached photographs). Based on available information, it was projected distance between impacted soil and groundwater is approximately 70 vertical feet. Utilizing this information, New Mexico Oil Conservation Division (NMOCD) Remedial Goals for this Site were determined as follows:

Parameter	Remedial Goal
Benzene	10 parts per million
BTEX	50 parts per million
TPH	1,000 parts per million
Chloride	500 parts per million



Should you have any questions or concerns please feel free to contact me at (575) 394-3481 or via e-mail at [ddominguezepi@gmail.com](mailto:ddominguezepi@gmail.com) or Mr. Greg Skiles at (432) 528-4014 or via e-mail at [gskiles@legacylp.com](mailto:gskiles@legacylp.com). All official communication should be addressed to:

Mr. Greg Skiles  
Legacy LP  
P.O. Box 10848  
Midland, TX 79702

Sincerely,

ENVIRONMENTAL PLUS, INC.

Daniel Dominguez  
Environmental Consultant

cc: Greg Skiles – Production Foreman, Legacy LP, Midland Texas  
File

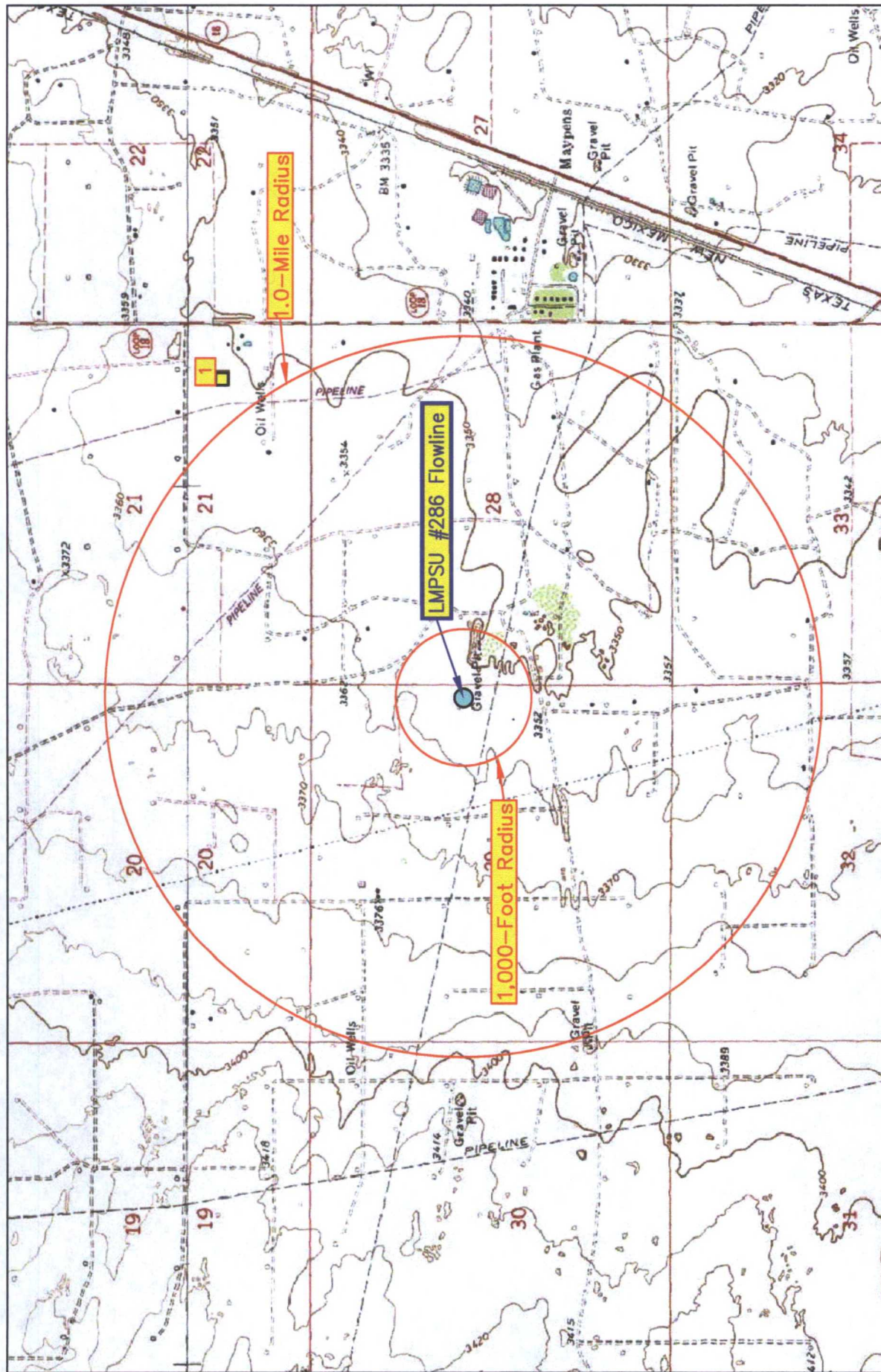
## **FIGURES**





<p>Figure 1 Area Map Legacy LMPUS #286 Flowline</p>	<p>Lea County, New Mexico SE 1/4 of NE 1/4, Sec. 29, T22S, R37E N 32° 21' 50.01" W 103° 10' 35.76" Elevation: 3,355 feet amsl</p>	<p>DWG By: D Dominguez January 2014</p> <p>REVIS: 1 of 1</p> <p>0 3 6 Miles</p> <p>N</p>
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<p>Figure 2</p> <p>Site Location Map</p> <p>Legacy</p> <p>LMPUS #286 Flowline</p>	<p>Lea County, New Mexico</p> <p>SE 1/4 of NE 1/4, Sec. 29, T22S, R37E</p> <p>N 32° 21' 50.01" W 103° 10' 35.76"</p> <p>Elevation: 3,355 feet amsl</p>		<p>DWG By: D Dominguez</p> <p>January 2014</p>	<p>REVISED:</p>	
	<p>0 2,000 4,000 Feet</p>		<p>0 2,000 4,000 Feet</p>	<p>SHEET</p> <p>1 of 1</p>	

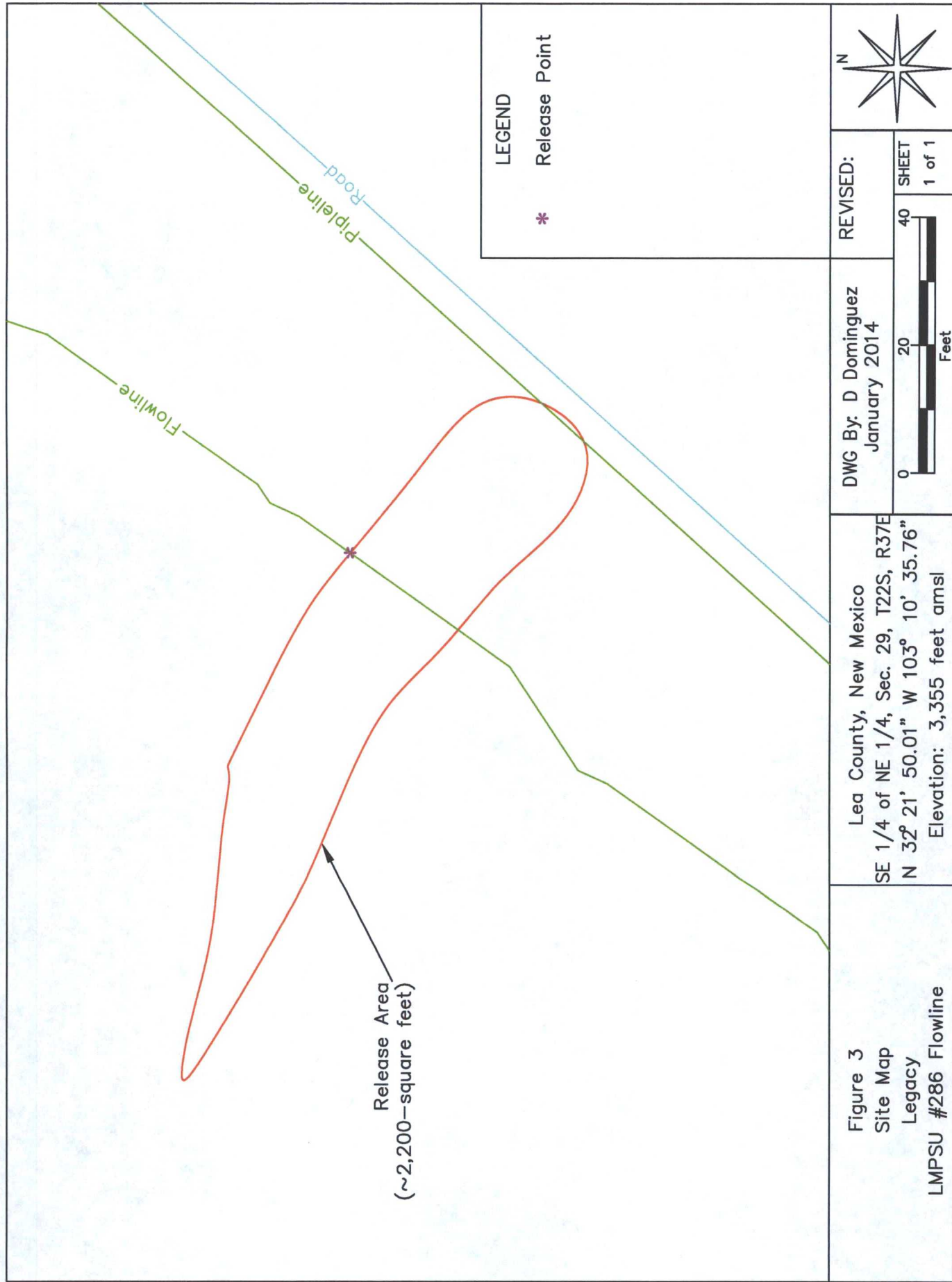




TABLE 1

Well Data

## Legacy - LMPSU #286 Flowline

Ref #	Well Number	Diversion <sup>A</sup>	Owner	Use	Twsp	Rng	Sec	q64	q16	q4	Easting	Northing	Date Measured	Surface Elevation <sup>B</sup>	Depth to Water (ft bgs)
1	CP 00503	3	TOMMY HENDERSON	DOL	22S	37E	21		4	4	672965	3583144	15-Sep-72	3,352	65

\* = Data obtained from the New Mexico Office of the State Engineer Website ([http://iwaters.ose.state.nm.us:7001/iWATERS/wr\\_RegisServlet](http://iwaters.ose.state.nm.us:7001/iWATERS/wr_RegisServlet)) and USGS Database

A = In acre feet per annum

B = Elevation interpolated from USGS topographical map based on referenced location.

DOL = 72-12-1 Domestic and Livestock watering

quarters are 1=NW, 2=NE, 3=SW, 4=SE; quarters are smallest to biggest



Photograph #1- Looking north-west across release area.



Photograph #2- Looking northerly toward release point.





Photograph #3- Looking westerly across release area.



Photograph #4- Looking south-easterly across release area.



		<b>Incident Date:</b> 1/17/14	<b>NMOCD Notified:</b> 1/21/14
<b>Information and Metrics</b>			
<b>Site:</b> LMPSU #286 Flowline		<b>Assigned Site Reference #:</b>	
<b>Company:</b> Legacy LP			
<b>Street Address:</b>			
<b>Mailing Address:</b> P.O. Box 10848			
<b>City, State, Zip:</b> Midland, TX 79702			
<b>Representative:</b> Greg Skiles			
<b>Representative Telephone:</b> (432) 528 – 4014			
<b>Telephone:</b>			
<b>Fluid volume released (bbls):</b> ~100 bbls		<b>Recovered (bbls):</b> 70 barrels	
<p>&gt;25 bbls: Notify NMOCD verbally within 24 hrs and submit form C-141 within 15 days. (Also applies to unauthorized releases &gt;500 mcf Natural Gas)</p> <p>5-25 bbls: Submit form C-141 within 15 days (Also applies to unauthorized releases of 50-500 mcf Natural Gas)</p>			
<b>Leak, Spill, or Pit (LSP) Name:</b> LMPSU #286 Flowline			
<b>Source of contamination:</b> Flowline			
<b>Land Owner, i.e., BLM, ST, Fee, Other:</b> State			
<b>LSP Dimensions:</b> ~122 feet by 23 feet			
<b>LSP Area:</b> ~2,200 ft <sup>2</sup>			
<b>Location of Reference Point (RP):</b>			
<b>Location distance and direction from RP:</b>			
<b>Latitude:</b> N 32° 21' 50.01"			
<b>Longitude:</b> W 103° 10' 35.76"			
<b>Elevation above mean sea level:</b> 3,355 feet			
<b>Feet from North Section Line:</b>			
<b>Feet from West Section Line:</b>			
<b>Location- Unit or ¼¼:</b> SE¼ of the NE¼		<b>Unit Letter:</b> H	
<b>Location- Section:</b> 29			
<b>Location- Township:</b> T22S			
<b>Location- Range:</b> R37E			
<b>Surface water body within 1000' radius of site:</b> none			
<b>Domestic water wells within 1000' radius of site:</b> none			
<b>Agricultural water wells within 1000' radius of site:</b> none			
<b>Public water supply wells within 1000' radius of site:</b> none			
<b>Depth from land surface to ground water (DG):</b> ~ 70'			
<b>Depth of contamination (DC):</b> unknown			
<b>Depth to ground water (DG – DC = DtGW):</b> ~ 70'			
<b>1. Ground Water</b>		<b>2. Wellhead Protection Area</b>	
If Depth to GW <50 feet: <i>20 points</i>		If <1000' from water source, or; <200' from private domestic water source: <i>20 points</i>	
If Depth to GW 50 to 99 feet: <i>10 points</i>		If >1000' from water source, or; >200' from private domestic water source: <i>0 points</i>	
If Depth to GW >100 feet: <i>0 points</i>			
		<b>3. Distance to Surface Water Body</b>	
		<200 horizontal feet: <i>20 points</i>	
		200-100 horizontal feet: <i>10 points</i>	
		>1000 horizontal feet: <i>0 points</i>	
<b>Site Rank (1+2+3) = 10 + 0 + 0 = 10</b>			
<b>Total Site Ranking Score and Acceptable Concentrations</b>			
Parameter	>19	10-19	0-9
Benzene <sup>1</sup>	10 ppm	10 ppm	10 ppm
BTEX <sup>1</sup>	50 ppm	50 ppm	50 ppm
TPH	100 ppm	1,000 ppm	5,000 ppm
<sup>1</sup> 100 ppm field VOC headspace measurement may be substituted for lab analysis			