



ENVIRONMENTAL PLUS, INC.

21 December 2016

Ms. Kristen Lynch
Environmental Specialist
NMOCD
1625 N. French Drive
Hobbs, New Mexico 88240

Re: Initial C-141
Legacy, L.P.
LMPSU 1 CTB
UL-O, Section 27, Township 22 South, Range 37 East
Lea County, New Mexico

Ms. Lynch:

Environmental Plus, Inc. (EPI), on behalf of Mr. Ernest Barrientez, Legacy, L.P. (Legacy), submits the attached form C-141 for the above-referenced leak site, located on land owned by Legacy.

The site is located approximately five (5) miles south-east 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. There are eleven (11) wells located in the area surrounding the release site (reference *Table 1*). Also, 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 60 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 730 bbls of produced water were released when an injection line failed; approximately 660 bbls were recovered (reference *Figure 3* and attached photographs). Based on available information, it was projected distance between impacted soil and groundwater is approximately 60 vertical feet. Utilizing this information, NMOCD Recommended Remedial Action Levels (RRALs) for this Site were determined as follows:

Parameter	Recommended Remedial Action Level
Benzene	10 parts per million
BTEX	50 parts per million
TPH	1,000 parts per million
Chloride	500 parts per million

ENVIRONMENTAL PLUS, INC.

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 or Mr. Ernest Barrientez at (432) 853-06331 or via e-mail at ebarrientez@legacylp.com. All official communication should be addressed to:

Mr. Ernest Barrientez
Legacy, L.P.
P.O. Box 10848
Midland, Texas 79702

Sincerely,

ENVIRONMENTAL PLUS, INC.

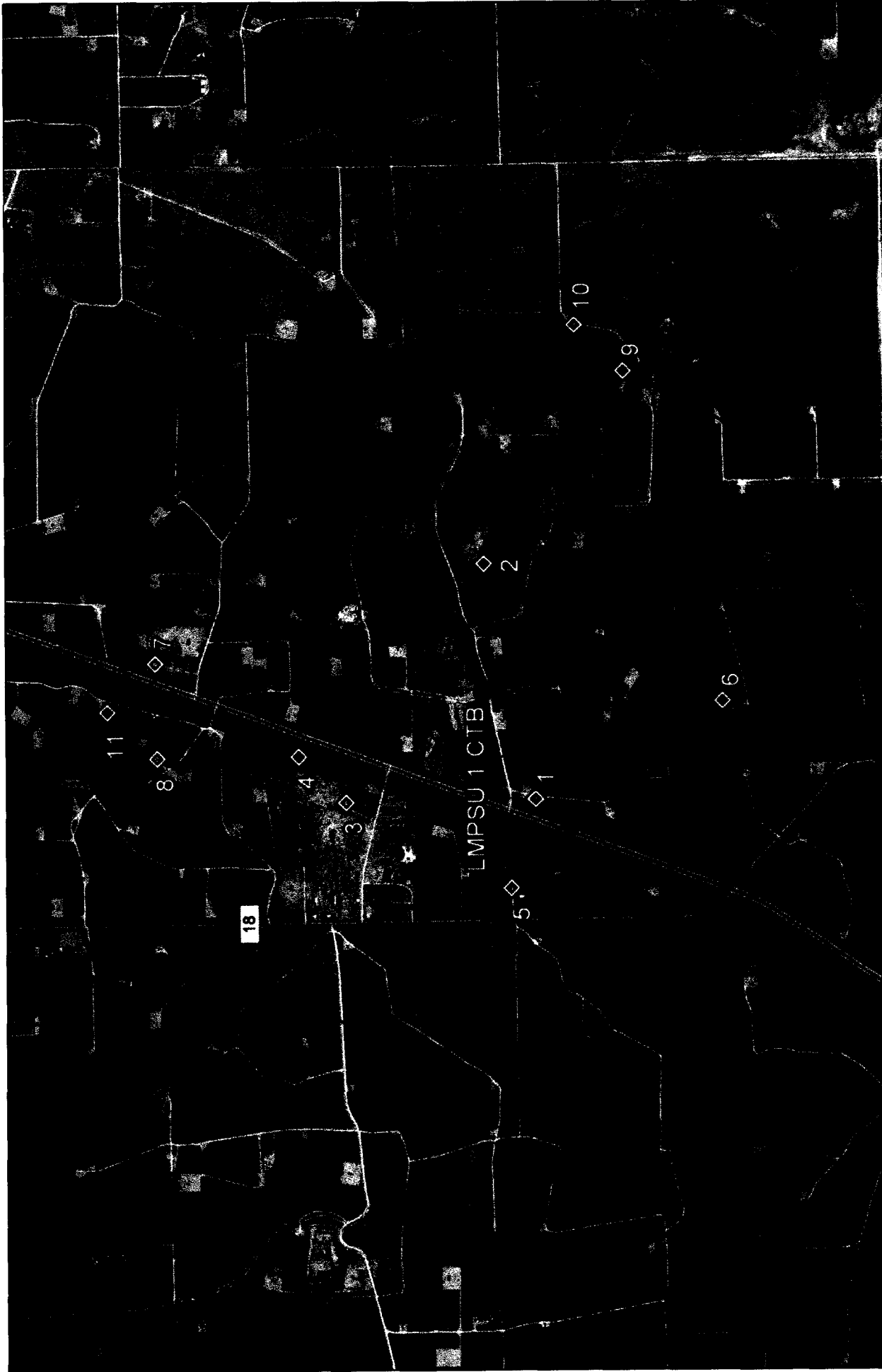
Daniel Dominguez
Environmental Consultant

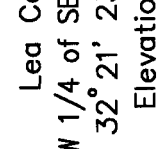
cc: Ernest Barrientez – Production Foreman, Legacy, L.P.
File

FIGURES



<p>Figure 1 Area Map Legacy, L.P. LMPSU 1 CTB</p>	<p>Lea County, New Mexico SW 1/4 of SE 1/4, Sec. 27, T22S, R37E N 32° 21' 23.67" W 103° 08' 56.61" Elevation: 3,330 feet amsl</p>	<p>DWG By: D Dominguez December 2016</p>	<p>REVISED:</p>	<p>N</p>
		<p>0 3 6 Miles</p>	<p>SHEET 1 of 1</p>	



<p>Figure 2 Site Location Map Legacy, L.P. LMPSU 1 CTB</p>	<p>Lea County, New Mexico SW 1/4 of SE 1/4, Sec. 27, T22S, R37E N 32° 21' 23.67" W 103° 08' 56.61" Elevation: 3,330 feet amsl</p>
<p>DWG By: D Dominguez December 2016</p>	<p>REVISED:</p>
<p>0 2,000 4,000 Feet</p>	<p>SHEET 1 of 1</p>
<p>N</p> 	

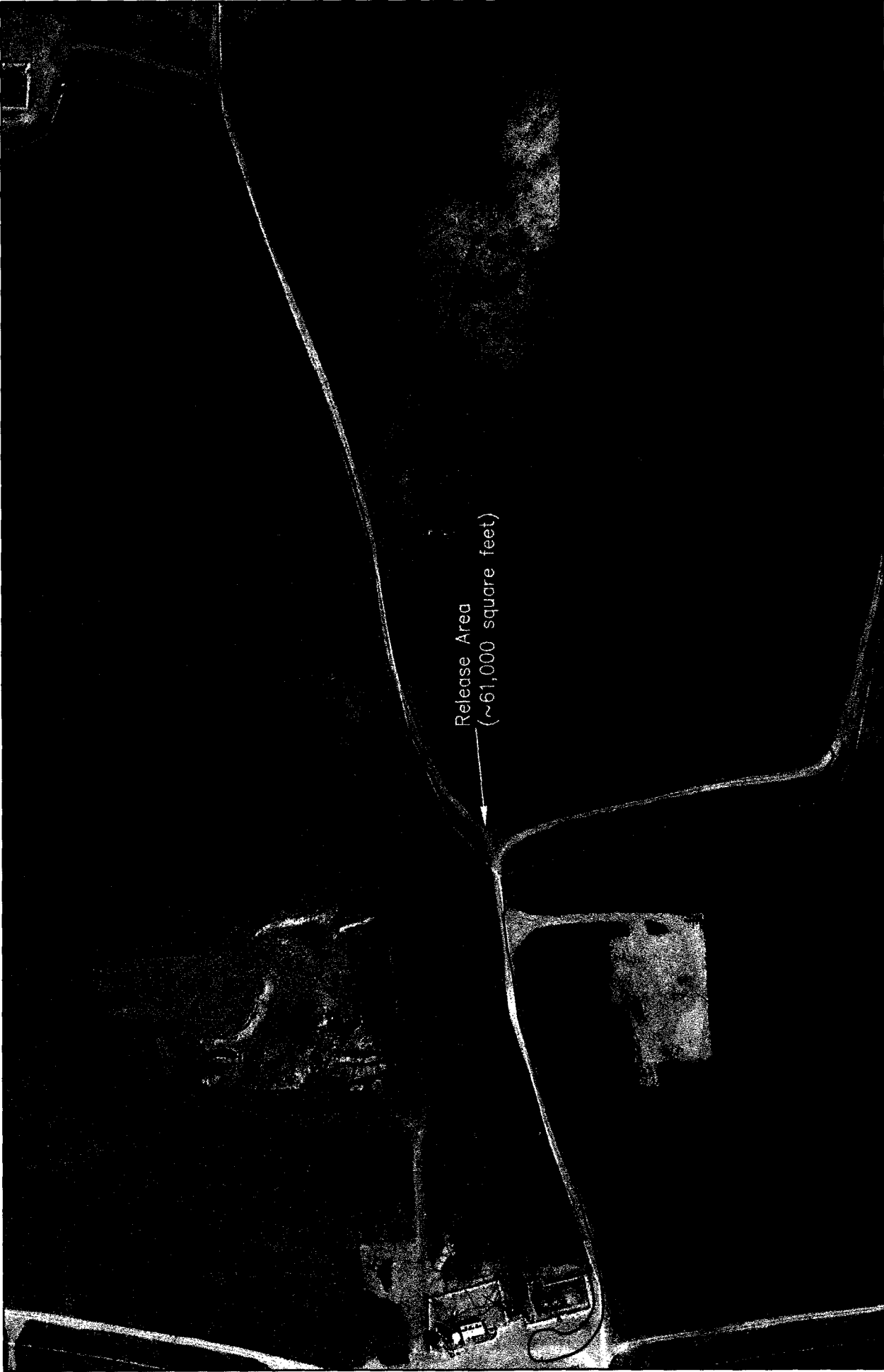
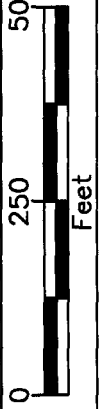


Figure 3
Site Map
Legacy, L.P.
LMPSU 1 CTB

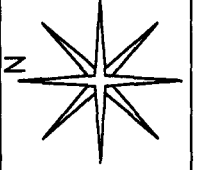
Lea County, New Mexico
SW 1/4 of SE 1/4, Sec. 27, T22S, R37E
N 32° 21' 23.67" W 103° 08' 56.61"
Elevation: 3,330 feet amsl

DWG By: D Dominguez
December 2016

REVISED:



SHEET
1 of 1



TABLES

TABLE 1

Well Data

Legacy, L.P. - LMPSU 1 CTB

Ref #	Well Number	Use	Diversion ^A	Owner	q64	q16	q4	Sec	Twsp	Rng	Easting	Northing	Distance ^B	Date Measured	Surface Elevation ^C	Depth to Water (ft bgs)
1	CP 00142	PLS	15	R.D. SIMS	1	2	1	34	22S	37E	673704	3581247	509	31-Dec-38	3,333	--
2	CP 00141	PDM	3	R.D. SIMS	4	4	4	27	22S	37E	674701	3581464	536	31-Dec-09	3,322	--
3	CP 00243	IND	32	VERSADO GAS PROCESSORS LLC	1	2	3	27	22S	37E	673690	3582051	752	17-Jan-02	3,335	54
4	CP 00009	IND	32	SKELLY OIL COMPANY	4	4	1	27	22S	37E	673883	3582253	835	17-Jan-02	3,340	52
5	CP 01157	DOM	1	BETHANY SKILES	1	1	1	34	22S	37E	673324	3581348	847	02-Apr-13	3,339	--
6	CP 00143	PLS	1	R.D. SIMS	1	1	4	34	22S	37E	674121	3580450	1,017	31-Dec-36	3,329	--
7	CP 00445	PRO	6.5	HAROLD E. JOHNSON	2	1	2	27	22S	37E	674277	3582863	1,401	--	3,340	--
8	CP 00384	PLS	5	WILLIAM E. JOHNSTON	2	2	1	27	22S	37E	673875	3582855	1,418	--	3,348	--
9	CP 00144	IRR	18	R.D. SIMS	2	4	1	35	22S	37E	675520	3580874	1,479	31-Dec-22	3,313	57
10	CP 00146	COM	5	R.D. SIMS	3	1	2	35	22S	37E	675715	3581083	1,597	31-Dec-48	3,318	67
11	CP 00382	PDL	5	WILLIAM E. JOHNSTON	3	3	4	22	22S	37E	674070	3583065	1,601	--	3,345	--

* = Data obtained from the New Mexico Office of the State Engineer Website (http://iwaters.ose.state.nm.us:7001/iWATERS/wr_RegisServlet1)

^A = In acre feet per annum

^B = In meters

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

-- = Data not provided

PLS = Non 72-12-1 Livestock watering

PDM = Non 72-12-1 Domestic

IND = Industrial

DOM = 72-12-1 Domestic one household

IRR = Irrigation

COM = Commercial

PDL = Non 72-12-1 Domestic & livestock

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

Shaded area indicates wells not shown in Figure 2

ATTACHMENTS

**ATTACHMENT I
PHOTOGRAPHS**



Photograph #1- Point of release



Photograph #2- Looking across release area.



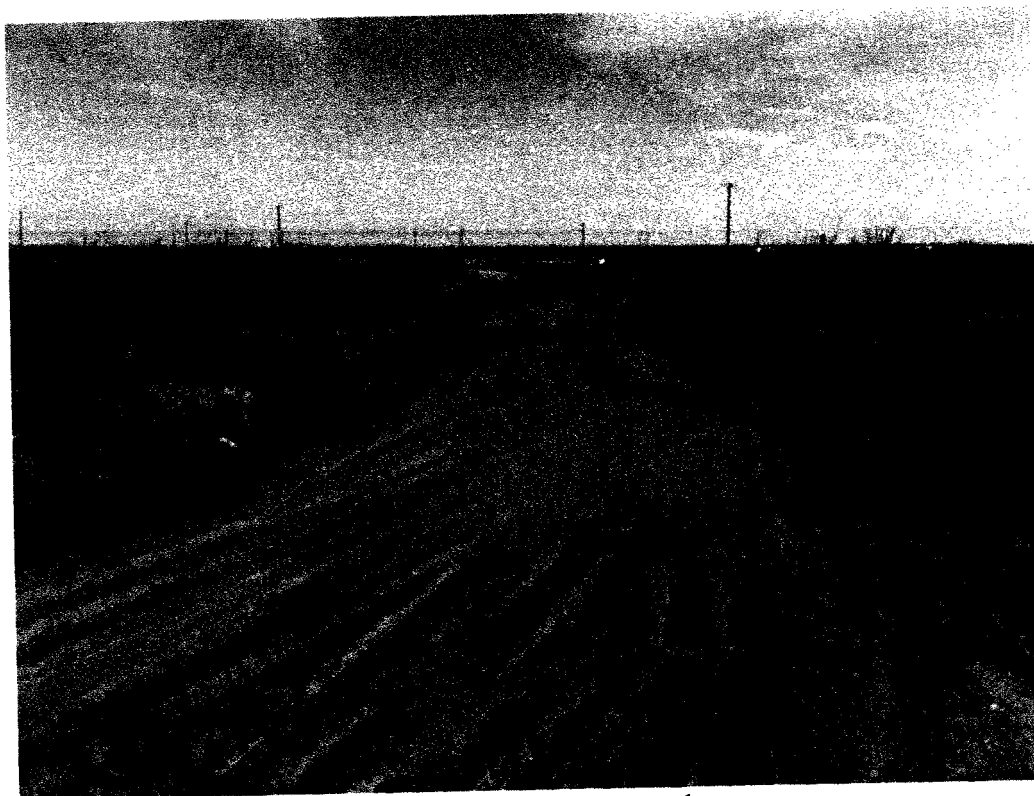
Photograph #3- Looking across release area.



Photograph #4- Looking across release area.



Photograph #5- Looking across release area.



Photograph #6- Looking across release area.



Photograph #7- Looking across release area.



Photograph #8- Looking across release area.

**ATTACHMENT II
INFORMATION AND METRICS
INITIAL C-141**



Site Information and Ranking

Site: LMPSU 1 CTB		API:	
Company: Legacy, L.P.			
Street Address:			
Mailing Address: P.O. Box 10848			
City, State, Zip: Midland, Texas 79702			
Representative: Ernest Barrientez		Telephone: 432-853-0633	
<p style="text-align: center;">>25 bbls: Notify NMOCD verbally within 24 hrs and submit form C-141 within 15 days. (Also applies to unauthorized releases >500 mcf Natural Gas)</p>			
<p style="text-align: center;">5-25 bbls: Submit form C-141 within 15 days (Also applies to unauthorized releases of 50-500 mcf Natural Gas)</p>			
Volume Released (bbls): 730		Volume Recovered (bbls): 660	
Occurrence Date and Time: 12-18-16			
Discovered Date and Time: 12-18-16			
NMOCD Rep Notified, Date and Time: Kristen Lynch, OCD on 12-18-16			
Who Notified NMOCD: Legacy			
NMOCD RP#:			
Leak, Spill, or Pit (LSP) Name: LMPSU 1 CTB			
Source of contamination: Injection Line		Type of Release: Produced Water	
Cause and Action Taken: Injection line failed, Vac truck called to clean up liquid			
Land Owner (BLM, ST, Fee, Other): Fee			
LSP Dimensions:			
LSP Area: ~ 61,000 square feet			
Latitude: N 32 21 23.67		Easting: 674164.28	
Longitude: W 103 8 56.61		Northing: 3581466.38	
Elevation: 3,330			
Feet from Section Lines:			
Location ¼ of ¼: SW/SE			
Unit Letter: O	Section: 27	Township: 22S	Range: 37E
County: Lea		State: NM	
Surface water or wells within 1000' radius of site: none			
Depth from land surface to ground water (DG): ~60'			
Depth of contamination (DC): unknown			
Depth to ground water (DG – DC = DtGW): ~60'			
1. Ground Water		2. Wellhead Protection Area	
If Depth to GW <50 feet: 20 points		If <1000' from water source, or; <200' from private domestic water source: 20 points	
If Depth to GW 50 to 99 feet: 10 points			
If Depth to GW >100 feet: 0 points		If >1000' from water source, or; >200' from private domestic water source: 0 points	
		3. Distance to Surface Water Body	
		<200 horizontal feet: 20 points	
		200-100 horizontal feet: 10 points	
		>1000 horizontal feet: 0 points	
Site Rank (1+2+3) = 0+0+0=0			
Total Site Ranking Score and Acceptable Concentrations			
Contaminant	>10	10	0
Benzene	10 ppm	10 ppm	10 ppm
BTEX	50 ppm	50 ppm	50 ppm
TPH	100 ppm	1,000 ppm	5,000 ppm
Chloride	250 ppm	500 ppm	1,000 ppm