

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

HOBBS OCD

APR 23 2014

RECEIVED

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

Name of Company: Legacy LP	Contact: Manuel Soriano
Address: P.O. Box 10848 Midland, TX 79702	Telephone No.: (432) 269 - 8806
Facility Name: Langlie Jal Unit 16	Facility Type: poly line

Surface Owner: Jal Public Library Fund	Mineral Owner:	API: 3002511299
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	31	24S	37E	1980	South	1842	West	Lea

Latitude: N 32° 10' 13.52" Longitude: W 103° 12' 07.99"

NATURE OF RELEASE

Type of Release: produced water & oil	Volume of Release: 310 bbls	Volume Recovered: 260 bbls
Source of Release: poly line	Date and Hour of Occurrence: 4/8/14 @ am	Date and Hour of Discovery: 4/8/14 @ am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Geoff Leking	
By Whom? Manuel Soriano	Date and Hour: 4/9/14 @ am	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse: Not Applicable	

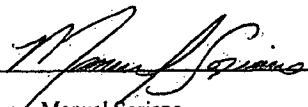
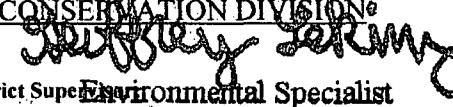
Depth to Water. ~50 ft bgs

If a Watercourse was Impacted, Describe Fully.* Not Applicable

Describe Cause of Problem and Remedial Action Taken.* Approximately 310 bbls of produced water and oil were released when the sidewall of a poly line split. Vacuum trucks were dispatched to pick up any free standing liquids. There were approximately 260 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.

Describe Area Affected and Cleanup Action Taken.* Approximately 9,000 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 NMOCD 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 pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION 	
Printed Name: Manuel Soriano	Approved by District Superintendent Environmental Specialist	
Title: Production Foreman	Approval Date: 4/25/14	Expiration Date: 6/25/14
E-mail Address: jsoriano@legacylp.com	Conditions of Approval: A RANKING	Attached <input type="checkbox"/>
Date: 4-23-14 Phone: (432) 269-8806	OF 20 WILL BE USED	RP-04-14-3031

* Attach Additional Sheets If Necessary

FOR THIS SITE. RALS:

BENZENE = 10 PPM
BTEX = 30 PPM
TPH = 100 PPM
CHLORIDE = 250 PPM
SUBMIT FINAL C-141
BY 6/25/14.

APR 28 2014



ENVIRONMENTAL PLUS, INC.
CONSULTING AND ENVIRONMENTAL REMEDIATION

HOBBS OCD

APR 23 2014

RECEIVED

16 April 2014

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

**Re: Initial C-141
Legacy LP
Langlie Jal Unit 16
UL-K, Section 31, Township 24 South, Range 37 East
Lea County, New Mexico**

Mr. Leking:

Environmental Plus, Inc. (EPI), on behalf of Mr. Manuel Soriano, Legacy LP (Legacy), submits the attached form C-141 for the above-referenced leak site, located on land owned by the Jal Public Library Fund.

The site is located approximately 5 miles northwest of Jal, 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 eight (8) 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 50 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 310 bbls of produced water and oil were released when a poly line sidewall split, 260 barrels were recovered (reference *Figure 3* and attached photographs). Based on available information, it was projected distance between impacted soil and groundwater is approximately 50 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. Manuel Soriano at (432) 269-8806 or via e-mail at jsoriano@legacylp.com. All official communication should be addressed to:

Mr. Manuel Soriano
Legacy LP
P.O. Box 10848
Midland, TX 79702

Sincerely,

ENVIRONMENTAL PLUS, INC.

Daniel Dominguez
Environmental Consultant

cc: Manuel Soriano – Production Foreman, Legacy LP – Midland, Texas
Jal Public Library Fund, Land owner - Jal, New Mexico
File

FIGURES

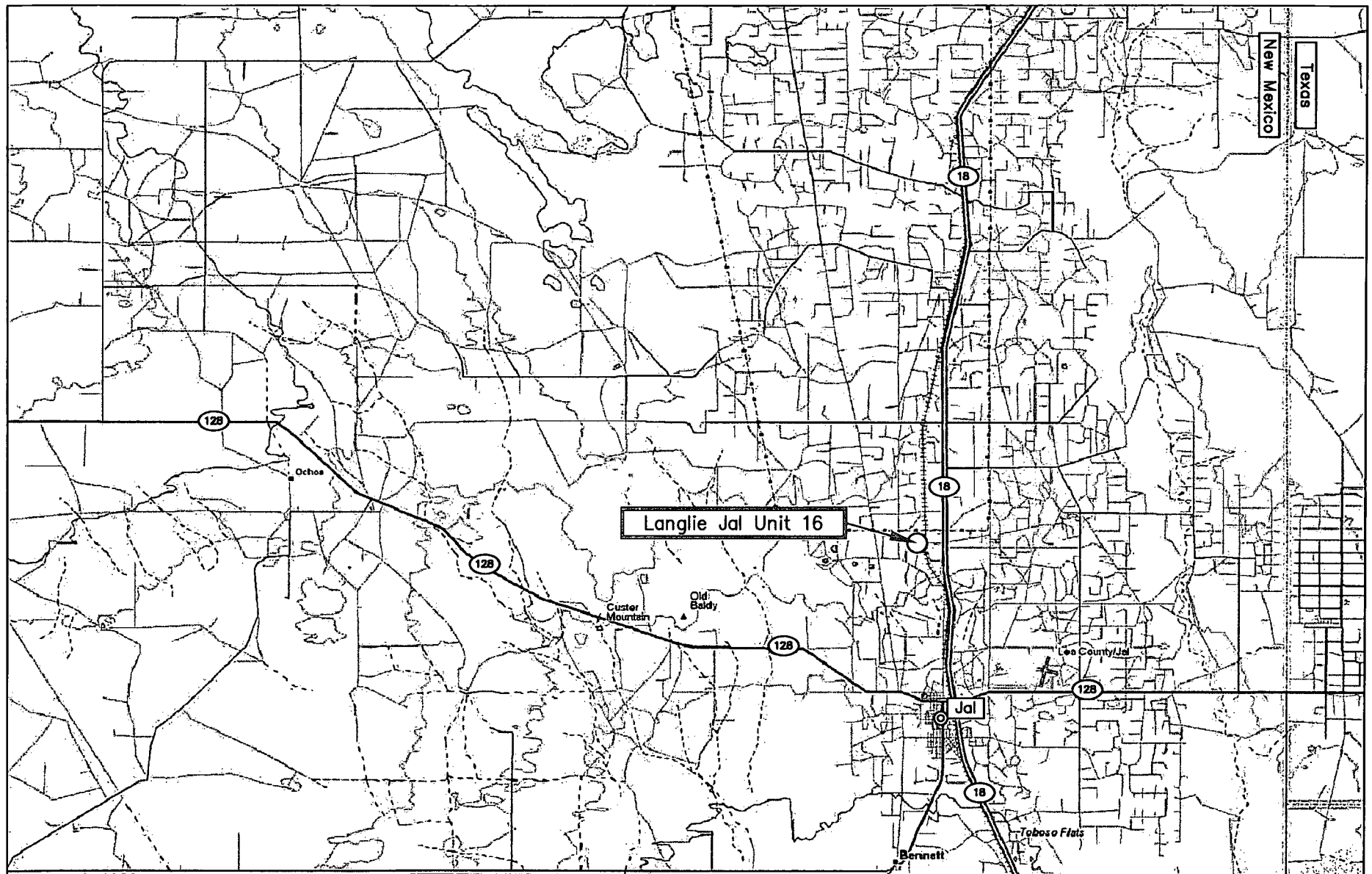
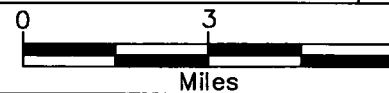


Figure 1
Area Map
Legacy
Langlie Jal Unit 16

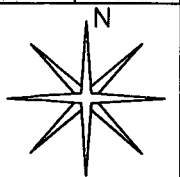
Lea County, New Mexico
NE 1/4 of SW 1/4, Sec. 31, T24S, R37E
N 32° 10' 13.52" W 103° 12' 07.99"
Elevation: 3,335 feet amsl

DWG By: D Dominguez
April 2014

REVISED:



SHEET
1 of 1



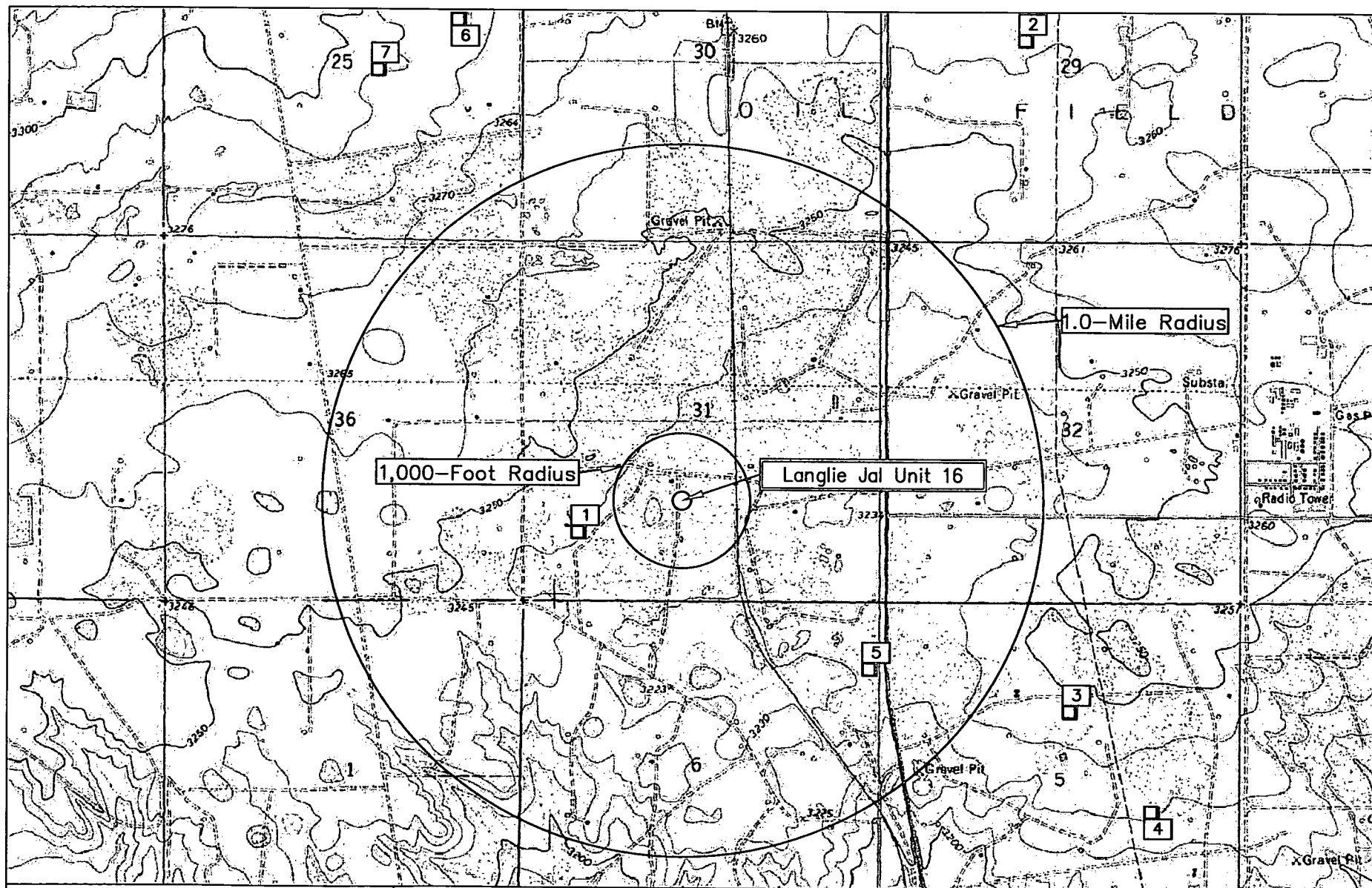
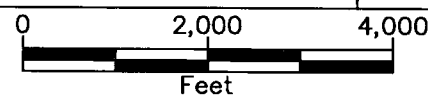


Figure 2
Site Location Map
Legacy
Langlie Jal Unit 16

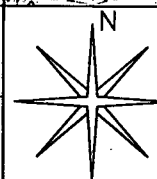
Lea County, New Mexico
NE 1/4 of SW 1/4, Sec. 31, T24S, R37E
N 32° 10' 13.52" W 103° 12' 07.99"
Elevation: 3,335 feet amsl

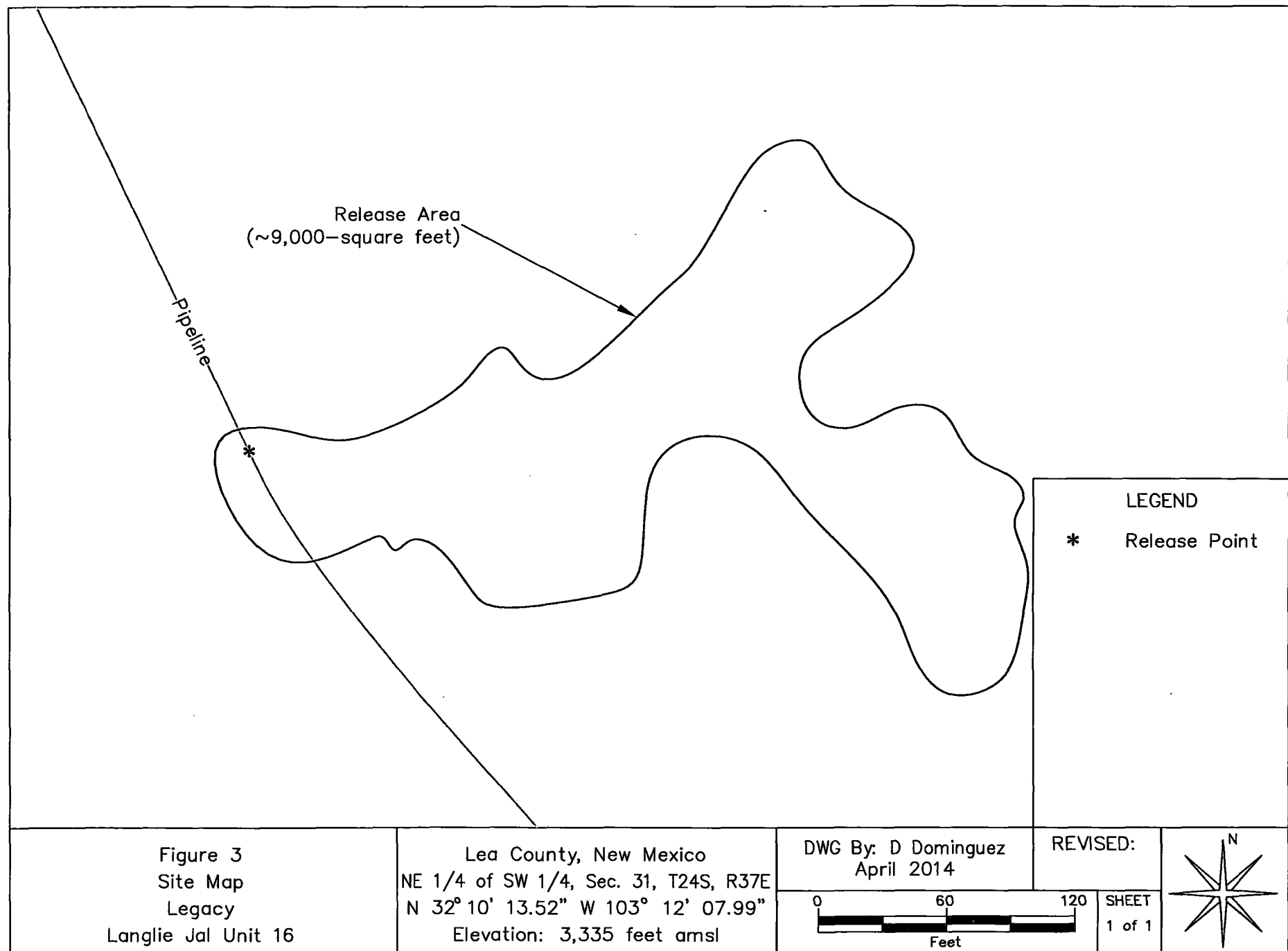
DWG By: D Dominguez
April 2014

REVISED:



SHEET
1 of 1





TABLES

TABLE 1
Well Data
Legacy - Langlie Jal Unit #16

Ref #	Well Number	Use	Diversion ^A	Owner	q64	q16	q4	Sec	Twsp	Rng	Easting	Northing	Date Measured	Surface Elevation ^B	Depth to Water (ft bgs)
1	CP 00549	DOM		EL PASO NATURAL GAS COMPANY	4	3	3	31	24S	37E	669051	3560409		3,240	
2	CP 01029	STK	0	TRIPLE R CATTLE COMPANY	2	2	3	29	24S	37E	671004	3562661		3,262	
3	CP 00507	SAN	3	UNION TEX PET. CO.	3	3	2	5	25S	37E	671259	3559642	16-Aug-73	3,249	
4	CP 01176	MON	0	ENVIRONMENTAL COMPLIANCE	3	2	4	5	25S	37E	671631	3559197		3,230	
5	CP 01175	MON	0	ENVIRONMENTAL COMPLIANCE	2	4	2	6	25S	37E	670360	3559822		3,236	
6	CP 01132 POD2	GEO	0	INTERCONTINENTAL POTASH CORP	1	2	4	25	24S	36E	668471	3562698		3,285	
7	CP 01132 POD3	GEO	0	INTERCONTINENTAL POTASH CORP	3	1	4	25	24S	36E	668110	3562471		3,290	
8	CP 01132	GEO	0	INTERCONTINENTAL POTASH CORP	1	3	2	25	24S	36E	668082	3562905		3,300	

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

^A = In acre feet per annum

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

DOM = 72-12-1 Domestic one household

STK = 72-12-1 Livestock watering

SAN = 72-12-1 Sanitary in conjunction with a commercial use

MON = Monitoring Well

GEO = Geothermal Boreholes

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

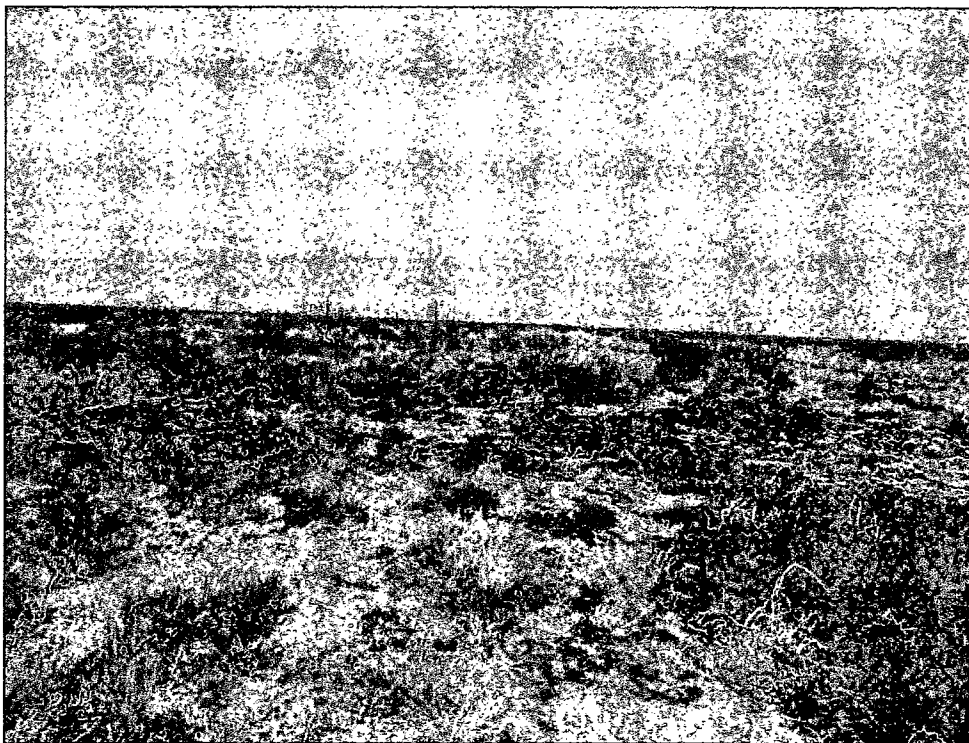
Shaded area indicates wells not shown in Figure 2

ATTACHMENTS

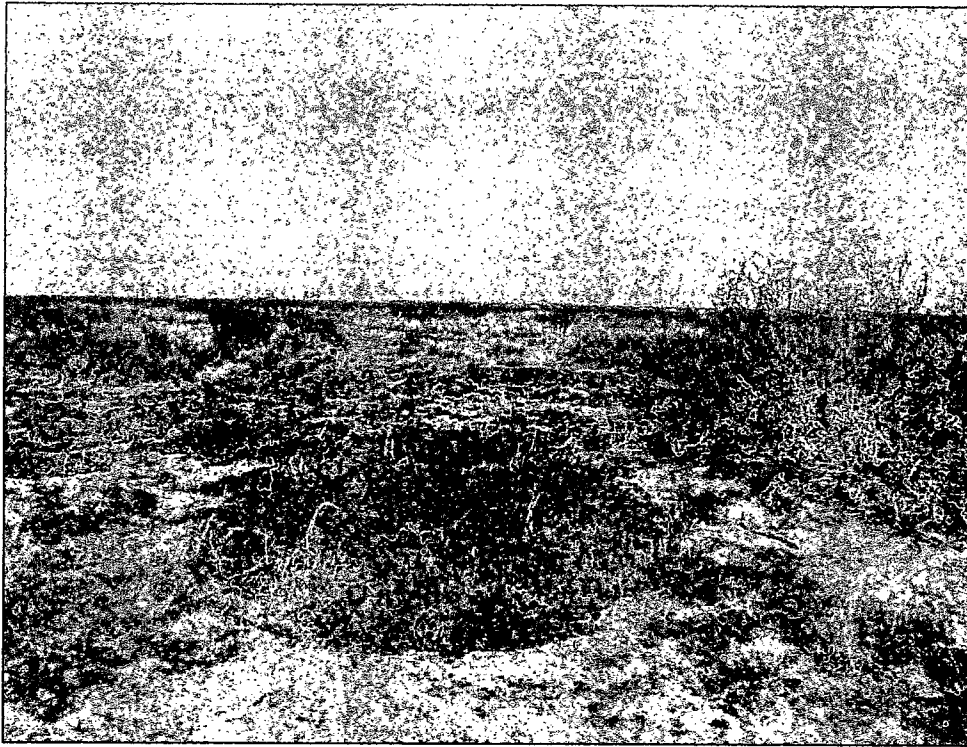
**ATTACHMENT I
PHOTOGRAPHS**



Photograph #1- Lease sign



Photograph #2- Looking northerly across release area.



Photograph #3- Looking north westerly across release area.



Photograph #4- Looking north westerly across release area.

ATTACHMENT II
INFORMATION AND METRICS
INITIAL C-141

		Incident Date: 4/8/14	NMOCD Notified: 4/9/14
Information and Metrics			
Site: Langlie Jal Unit 16		Assigned Site Reference #:	
Company: Legacy LP			
Street Address:			
Mailing Address: P.O. Box 10848			
City, State, Zip: Midland, TX 79702			
Representative: Manuel Soriano			
Representative Telephone: (432) 269 – 8806			
Telephone:			
Fluid volume released (bbls): ~310 bbls		Recovered (bbls): 260 barrels	
<p>>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>5-25 bbls: Submit form C-141 within 15 days (Also applies to unauthorized releases of 50-500 mcf Natural Gas)</p>			
Leak, Spill, or Pit (LSP) Name: Langlie Jal Unit 16			
Source of contamination: poly line			
Land Owner, i.e., BLM, ST, Fee, Other: Fee			
LSP Dimensions: ~140 feet by 200 feet			
LSP Area: ~9,000 ft ²			
Location of Reference Point (RP):			
Location distance and direction from RP:			
Latitude: N 32° 10' 13.52"			
Longitude: W 103° 12' 07.99"			
Elevation above mean sea level: 3,335 feet			
Feet from South Section Line: 1980			
Feet from West Section Line: 1842			
Location- Unit or ¼/¼: NE¼ of the SW¼		Unit Letter: K	
Location- Section: 31			
Location- Township: T24S			
Location- Range: R37E			
Surface water body within 1000' radius of site: none			
Domestic water wells within 1000' radius of site: none			
Agricultural water wells within 1000' radius of site: none			
Public water supply wells within 1000' radius of site: none			
Depth from land surface to ground water (DG): ~ 50'			
Depth of contamination (DC): unknown			
Depth to ground water (DG – DC = DtGW): ~ 50'			
1. Ground Water		2. Wellhead Protection Area	
If Depth to GW <50 feet: <i>20 points</i>		If <1000' from water source, or; <200' from	
If Depth to GW 50 to 99 feet: <i>10 points</i>		private domestic water source: <i>20 points</i>	
If Depth to GW >100 feet: <i>0 points</i>		If >1000' from water source, or; >200' from	
		private domestic water source: <i>0 points</i>	
		3. Distance to Surface Water Body	
		<200 horizontal feet: <i>20 points</i>	
		200-100 horizontal feet: <i>10 points</i>	
		>1000 horizontal feet: <i>0 points</i>	
Site Rank (1+2+3) = 10 + 0 + 0 = 10			
Total Site Ranking Score and Acceptable Concentrations			
Parameter	>19	10-19	0-9
Benzene ¹	10 ppm	10 ppm	10 ppm
BTEX ¹	50 ppm	50 ppm	50 ppm
TPH	100 ppm	1,000 ppm	5,000 ppm
¹ 100 ppm field VOC headspace measurement may be substituted for lab analysis			