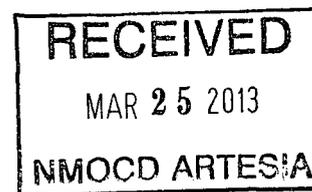




March 14, 2013



Mr. Mike Bratcher  
NMOCD District 2  
811 S. 1<sup>st</sup> Street  
Artesia, NM 88210

AMARILLO  
921 North Bivins  
Amarillo, Texas 79107  
Phone 806.467.0607  
Fax 806.467.0622

ARTESIA  
408 West Texas Ave.  
Artesia, New Mexico 88210  
Phone 575.746.8768  
Fax 575.746.8905

AUSTIN  
911 West Anderson Lane  
Suite 202  
Austin, Texas 78757  
Phone 512.989.3428  
Fax 512.989.3487

HOBBS  
318 East Taylor Street  
Hobbs, New Mexico 88240  
Phone 575.393.4261  
Fax 575.393.4658

MIDLAND  
2901 State Hwy 349  
Midland, Texas 79706  
Phone 432.522.2133  
Fax 432.522.2180

SAN ANTONIO  
11 Commercial Place  
Schertz, Texas 78154  
Phone 210.265.8025  
Fax 210.568.2191

TULSA  
525 South Main Street  
Suite 535  
Tulsa, Oklahoma 74103  
Phone 918.742.0871  
Fax 918.382.0232

Subject: **Remediation and Closure Report**  
DCP Midstream  
M-27 Line Release  
2RP-1448

Dear Mr. Bratcher,

DCP Midstream has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the M-27 Line release. The incident description, soil sampling results, remediation activities and closure request are submitted herein.

**Date of Discovery**

December 5, 2012

**Background Information**

The M-27 Line release is located approximately thirty-three (33) miles southeast of Artesia, New Mexico. The legal location for the site is Section 11, Township 19 South and Range 30 East in Eddy County, New Mexico. More Specifically the latitude and longitude for the release are 32.67963 North and -103.94056 West.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of Largo loam with a 1 to 5 percent slopes. The local surface and shallow geology consists of Quaternary Age sedimentary deposits, comprised of calcareous alluvium and silty loam under lain by hard caliches. Drainage courses in this area are normally dry. The New Mexico State Engineer web site indicates the nearest ground water data to be in S23-T18S-R30E. The ground water in Section 23 is reported to be at depth of 44-feet below ground surface (bgs). The referenced groundwater data is presented in Appendix I.

The ranking for this site is 20 based on the as following:

Depth to ground water	<50'
Wellhead Protection Area	>1000'
Distance to surface water body	>1000'

ENVIRONMENTAL CONSULTING  
ENGINEERING  
DRILLING  
CONSTRUCTION  
SPILL MANAGEMENT  
GENERAL CONTRACTING

Toll Free: 866.742.0742  
www.talonlpe.com

## **Incident Description**

On December 5, 2012 the M-27 six-inch steel natural gas gathering pipeline was observed to have leaked due to a corroded section of pipe. The pipeline was shut-in and sorbent materials were used to prevent further flow into the arroyo. Approximately 15 barrels of condensate flowed down a gradual slope and into a 10-foot deep dry arroyo, continuing another 2000-foot. A site plan illustrating the impacted area and sample locations is attached.

## **Remedial Actions Taken**

On December 6, 2013 Talon/LPE mobilized personnel to begin assessment and soil sampling to determine the extent of release. Grab soil samples were collected in the impacted area utilizing a hand auger.

On January 7, 2013 Talon/LPE mobilized personnel to the site to begin excavation activities of the impacted area following OCD approval to proceed. The contaminated soil in the arroyo was excavated using hand tools and wheel barrows by a roustabout crew. A backhoe and a bob cat were used to transport the impacted soil to the staging area and placed on a plastic liner. The impacted soil within the area of the release was removed to depths ranging from 6-inches to 2-feet deep. The excavated soil was transported to a NMOCD approved solid waste disposal facility, Lea Land LLC.

On January 18, 2013 Talon personnel returned to the site to begin closure soil sampling activities on the bottom of the excavation. Grab soil samples were collected and submitted for laboratory analysis. The analytical data is summarized in the following section.

Based upon the laboratory results of the soil samples obtained, additional excavation was required in the vicinity of soil sample S-1. On February 6, 2013 Talon returned to the site for additional excavation activities in the arroyo. Grab soil samples were subsequently collected and submitted for laboratory analysis following the additional excavation work.

All soil samples were collected by Talon personnel wearing clean nitrile gloves. The soil samples were placed in laboratory provided sample containers, iced and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis. The samples were tested for TPH (Total Petroleum Hydrocarbons) using EPA Method 8015M, volatile organics (BTEX) via EPA Method 8021B and tested for total chlorides via Method SM 4500Cl-B. The complete laboratory reports are attached in Appendix II.

## Analytical Results

Analytical results received from Cardinal Laboratories are summarized below:

December 13, 2012

<u>Sample, Depth</u>	<u>Chlorides</u>	<u>BTEX</u>	<u>TPH (mg/kg)</u>
S-1 0.5'	16	2910	>100,000

January 30, 2013

<u>Sample, Depth **</u>	<u>Chlorides</u>	<u>BTEX</u>	<u>TPH (mg/kg)</u>
S-1	--	45.5	2,301
S-2	--	<0.300	<10
S-3	--	<0.300	13.7

\*\*bottom of excavation

February 18, 2013

<u>Sample, Depth</u>	<u>Chlorides</u>	<u>BTEX</u>	<u>TPH (mg/kg)</u>
S-1 0.75'	--	<0.300	<10

--Analyte Not Tested

For this site's ranking, New Mexico Oil Conservation District action level criterion for BTEX is 50 mg/kg, Benzene is 10 mg/kg and TPH is 100 mg/kg.

## Summary and Conclusions

- Ground water in the project vicinity is 44-feet below land surface according to the New Mexico State Engineers Database.
- The impacted soil from this release was excavated to depths ranging from 6-inches to 2-feet deep. A total of 443.87 tons of contaminated soil was hand excavated and transported to Lea Land, LLC, a NMOCD approved solid waste disposal facility.
- Top soil from Lea Land was obtained to backfill the excavation.
- Based on the depth to groundwater and the remedial actions implemented, it is unlikely that the impacts identified from this release will pose a threat to groundwater.

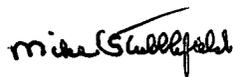
## Closure

Therefore on behalf of DCP Midstream, we respectfully request that no further actions be required and that closure with regard to this release be granted.

If we can provide additional information or be of further assistance, please contact our office at 575.746.8768.

Respectfully submitted,

TALON/LPE



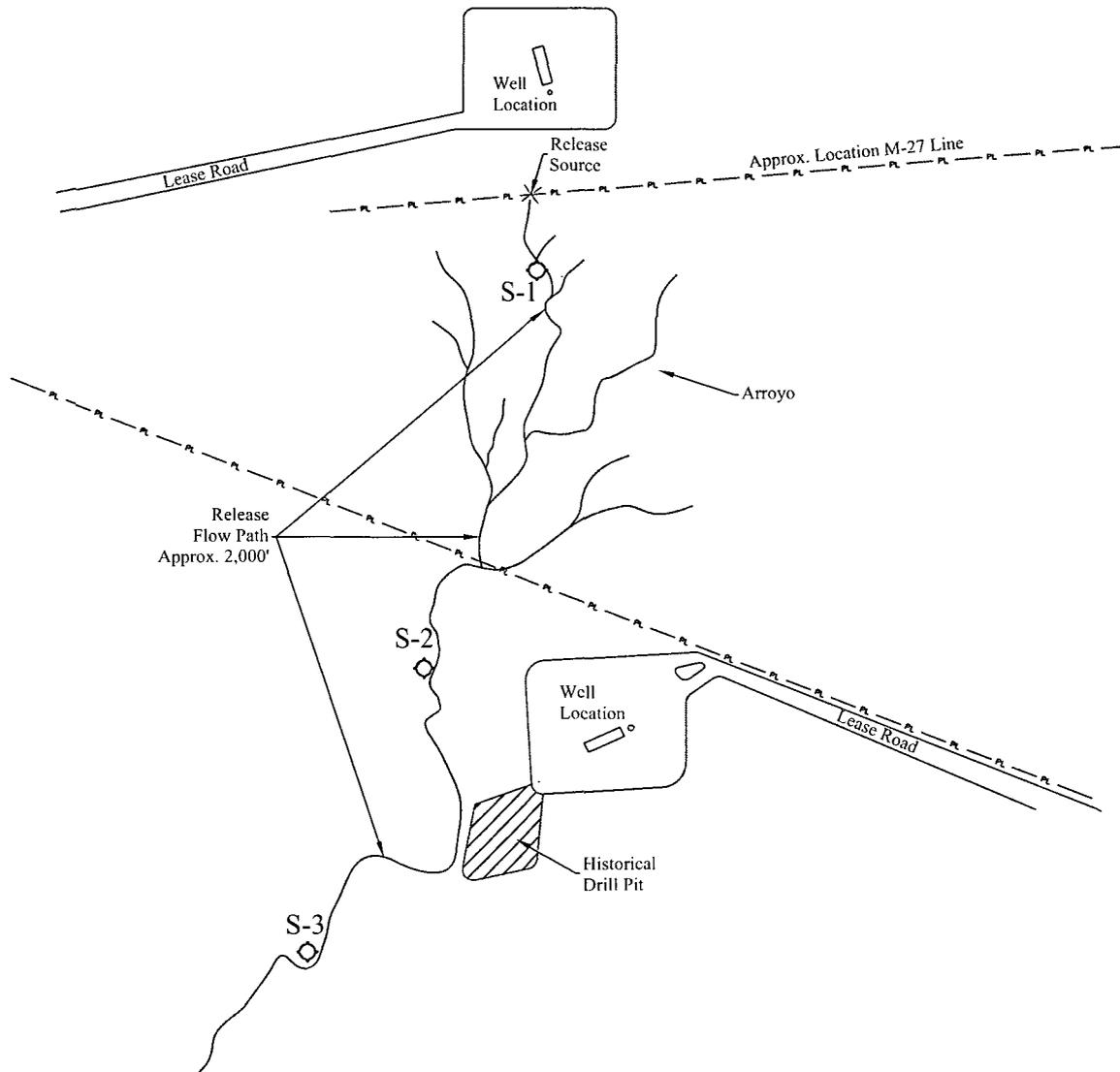
Mike Stubblefield  
Project Manager



David J. Adkins  
District Manager

Cc: Chandler Cole, DCP  
Randy Pair, BLM

## SITE MAP



**Legend**

- ◊ - Sample Location
- - - Pipeline
- ~ - Release Flow Path



Date: 03/14/2013

Scale: NTS

Drawn By: TJS

M-27 Flow Line Release  
DCP Midstream, LP  
Eddy County, New Mexico  
Figure 1 - Site Plan

**APPENDIX I**  
**GROUNDWATER DATA**  
**INITIAL C-141**



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Code	Subbasin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<u>CP 00822</u>			LE	4	4	15	19S	30E		598148	3613516*	3279	90		
<u>CP 00818</u>			LE	1	4	26	18S	30E		599289	3620364*	3936	240		
<u>CP 00819</u>			LE	2	4	32	18S	30E		594878	3618720*	5268	150		
<u>L 01978</u>	L		LE	1	3	23	18S	30E		598469	3621964*	5642	65	44	21
													Average Depth to Water:		<b>44 feet</b>
													Minimum Depth:		<b>44 feet</b>
													Maximum Depth:		<b>44 feet</b>

**Record Count: 4**

**UTMNAD83 Radius Search (in meters):**

Easting (X): 599629

Northing (Y): 3616442

Radius: 6000

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., 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-1  
Revised August 8, 2

Submit 1 Copy to appropriate District Office  
accordance with 19.15.29 NM,

### Release Notification and Corrective Action

#### OPERATOR

Initial Report  Final Report

Name of Company DCP Midstream, LP	Contact Jon Bebbington
Address 10 Desta Drive, Suite 400 West, Midland, TX 79705	Telephone No. 432-620-4207
Facility Name M-27 Gas Pipeline	Facility Type Gas Pipeline
Surface Owner BLM	Mineral Owner
API No.	

#### LOCATION OF RELEASE

Unit Letter	Section 11	Township 19S	Range 30E	Feet from the	North/South Line	Feet from the	East/West Line	County EDDY
-------------	------------	--------------	-----------	---------------	------------------	---------------	----------------	-------------

Latitude 43.67963

Longitude -103.94056

#### NATURE OF RELEASE

Type of Release Condensate & Raw Natural Gas	Volume of Release 15 bbl	Volume Recovered 0 bbl
Source of Release M-27 Low Pressure 6-inch steel Gas Pipeline	Date and Hour of Occurrence unknown	Date and Hour of Discovery 12-5-2012 1200PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jim Amos/BLM via email/telephone, Carl Chavez/OCD via email, Mike Bratcher /OCD Artesia via email	
By Whom? Jon D. Bebbington	Date and Hour 12/05/2012 15:50	
Was a Watercourse Reached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, Volume Impacting the Watercourse. 10 bbls	

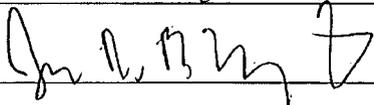
If a Watercourse was Impacted, Describe Fully.\* Approx 15 bbls of condensate flowed down a gradual slope and 10 bbls of it flowed into a 10 foot deep dry arroyo and flowed 2500 feet downstream and stopped.

Describe Cause of Problem and Remedial Action Taken.\*

The M27 six-inch steel buried natural gas gathering pipeline was discovered to have leaked from a corroded section on Dec 5, 2012. Operations for that area were alerted to initiate repair. The regional environmental specialist inspected the area on Dec 6 and contacted construction group to affect preliminary cleanup with sorbent materials and to possibly construct a berm to prevent further flow in the event of rain. Bids for remediation are being obtained.

Describe Area Affected and Cleanup Action Taken.\* The M27 six-inch steel buried natural gas gathering pipeline was discovered to have leaked from corroded section on Dec 5, 2012. Operations for that area were alerted to initiate repair. The regional environmental specialist inspected the area on Dec 6 and contacted construction group to affect preliminary cleanup with sorbent materials and to possibly construct a berm to prevent further flow in the event of rain. Bids for remediation are being obtained.

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: 	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Jon D. Bebbington	Approved by Environmental Specialist:	
Title: Sr. Environmental Engineer	Approval Date:	Expiration Date:
E-mail Address: jdbbebbington@dcpmidstream.com	Conditions of Approval:	
Date: 12-7-2012 Phone: 432-620-4207	Attached <input type="checkbox"/>	

\* Attach Additional Sheets If Necessary

**APPENDIX II**  
**LABORATORY RESULTS**



December 13, 2012

MIKE STUBBLEFIELD  
TALON LPE  
408 W. TEXAS AVE.  
ARTESIA, NM 88210

RE: M- 27 LEAK

Enclosed are the results of analyses for samples received by the laboratory on 12/07/12 13:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/ga/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/ga/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene  
Lab Director/Quality Manager

**Analytical Results For:**

 TALON LPE  
 MIKE STUBBLEFIELD  
 408 W. TEXAS AVE.  
 ARTESIA NM, 88210  
 Fax To: (575) 745-8905

 Received: 12/07/2012  
 Reported: 12/13/2012  
 Project Name: M- 27 LEAK  
 Project Number: 700702.053.01  
 Project Location: N 32. 67963 - W 103

 Sampling Date: 12/06/2012  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: S - 1 0.5' (H202948-01)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	490	5.00	12/12/2012	ND	2.05	102	2.00	5.24	
Toluene*	1180	5.00	12/12/2012	ND	2.22	111	2.00	5.18	
Ethylbenzene*	421	5.00	12/12/2012	ND	2.16	108	2.00	5.33	
Total Xylenes*	816	15.0	12/12/2012	ND	6.51	109	6.00	5.20	
Total BTEX	2910	30.0	12/12/2012	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 131 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/11/2012	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	32400	100	12/11/2012	ND	187	93.7	200	1.18	
DRO >C10-C28	57600	100	12/11/2012	ND	208	104	200	0.307	
EXT DRO >C28-C35	8150	100	12/11/2012	ND					
Total TPH C6-C28	89900	100	12/11/2012	ND	395	98.8	400	0.403	

Surrogate: 1-Chlorooctane 737 % 65.2-140

Surrogate: 1-Chlorooctadecane 1590 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

---

Cardinal Laboratories

\*=Accredited Analyte

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---

Celey D. Keene, Lab Director/Quality Manager



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

Company Name: <b>Talon/LPE</b>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																			
Project Manager: <b>Mike Stubblefield</b>				P.O. #:																							
Address: <b>408 West Texas Ave.</b>				Company: <b>Talon/LPE</b>																							
City: <b>Artesia</b> State: <b>NM</b> Zip: <b>88210</b>				Attn:																							
Phone #: <b>575-441-7254</b> Fax #:				Address:																							
Project #: <b>200702.053.01</b> Project Owner: <b>Dcp</b>				City:																							
Project Name: <b>M-27 leak</b>				State: Zip:																							
Project Location: <b>N 32.67963, - W 103.</b>				Phone #:																							
Sampler Name: <b>Mike Stubblefield</b>				Fax #:																							
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(C)PAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.		SAMPLING																
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME												
	<b>H207948</b>	<b>5-1 0-5'</b>	<b>5</b>											<b>12/6/12</b>	<b>1:15 p</b>	<b>8015 m TPH</b>	<b>8021 B BTEX</b>	<b>Total chlorides</b>									

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <b>Mike Stubblefield</b>	Date: <b>12/6/12</b>	Received By: <b>Loeli Henson</b>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials) <b>MS</b>	REMARKS:	

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



January 30, 2013

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: M- 27 LEAK

Enclosed are the results of analyses for samples received by the laboratory on 01/23/13 8:26.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

 TALON LPE  
 MIKE STUBBLEFIELD  
 408 W. TEXAS AVE.  
 ARTESIA NM, 88210  
 Fax To: (575) 745-8905

 Received: 01/23/2013  
 Reported: 01/30/2013  
 Project Name: M- 27 LEAK  
 Project Number: 700702.053.01  
 Project Location: N 32. 67963 - W 103

 Sampling Date: 01/18/2013  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: S-1 BTTM EXC (H300186-01)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/30/2013	ND	2.19	110	2.00	6.64	
<b>Toluene*</b>	<b>8.08</b>	0.100	01/30/2013	ND	2.20	110	2.00	5.29	
<b>Ethylbenzene*</b>	<b>9.91</b>	0.100	01/30/2013	ND	2.24	112	2.00	4.10	
<b>Total Xylenes*</b>	<b>27.5</b>	0.300	01/30/2013	ND	6.77	113	6.00	4.01	
<b>Total BTEX</b>	<b>45.5</b>	0.600	01/30/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 244 % 89.4-126

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>381</b>	50.0	01/26/2013	ND	152	76.0	200	12.7	
<b>DRO &gt;C10-C28</b>	<b>1920</b>	50.0	01/26/2013	ND	142	70.9	200	15.1	

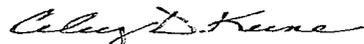
Surrogate: 1-Chlorooctane 92.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 99.5 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 TALON LPE  
 MIKE STUBBLEFIELD  
 408 W. TEXAS AVE.  
 ARTESIA NM, 88210  
 Fax To: (575) 745-8905

Received:	01/23/2013	Sampling Date:	01/18/2013
Reported:	01/30/2013	Sampling Type:	Soil
Project Name:	M- 27 LEAK	Sampling Condition:	Cool & Intact
Project Number:	700702.053.01	Sample Received By:	Jodi Henson
Project Location:	N 32. 67963 - W 103		

**Sample ID: S-2 BTTM EXC (H300186-02)**

BTEX 8021B	mg/kg		Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/29/2013	ND	2.19	110	2.00	6.64		
Toluene*	<0.050	0.050	01/29/2013	ND	2.20	110	2.00	5.29		
Ethylbenzene*	<0.050	0.050	01/29/2013	ND	2.24	112	2.00	4.10		
Total Xylenes*	<0.150	0.150	01/29/2013	ND	6.77	113	6.00	4.01		
Total BTEX	<0.300	0.300	01/29/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 114 % 89.4-126

TPH 8015M	mg/kg		Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/26/2013	ND	152	76.0	200	12.7		
DRO >C10-C28	<10.0	10.0	01/26/2013	ND	142	70.9	200	15.1		

Surrogate: 1-Chlorooctane 70.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 82.1 % 63.6-154

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 TALON LPE  
 MIKE STUBBLEFIELD  
 408 W. TEXAS AVE.  
 ARTESIA NM, 88210  
 Fax To: (575) 745-8905

 Received: 01/23/2013  
 Reported: 01/30/2013  
 Project Name: M- 27 LEAK  
 Project Number: 700702.053.01  
 Project Location: N 32. 67963 - W 103

 Sampling Date: 01/18/2013  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: S-3 BTTM EXC (H300186-03)**

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/29/2013	ND	2.19	110	2.00	6.64	
Toluene*	<0.050	0.050	01/29/2013	ND	2.20	110	2.00	5.29	
Ethylbenzene*	<0.050	0.050	01/29/2013	ND	2.24	112	2.00	4.10	
Total Xylenes*	<0.150	0.150	01/29/2013	ND	6.77	113	6.00	4.01	
Total BTEX	<0.300	0.300	01/29/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 89.4-126

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/26/2013	ND	152	76.0	200	12.7	
<b>DRO &gt;C10-C28</b>	<b>13.7</b>	10.0	01/26/2013	ND	142	70.9	200	15.1	

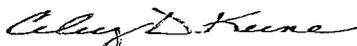
Surrogate: 1-Chlorooctane 99.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 111 % 63.6-154

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

### Notes and Definitions

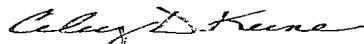
- S-04            The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND             Analyte NOT DETECTED at or above the reporting limit
- RPD            Relative Percent Difference
- \*\*              Samples not received at proper temperature of 6°C or below.
- \*\*\*             Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





February 18, 2013

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: DCP M-27 FLOWLINE

Enclosed are the results of analyses for samples received by the laboratory on 02/13/13 10:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

 TALON LPE  
 DAVID ADKINS  
 408 W. TEXAS AVE.  
 ARTESIA NM, 88210  
 Fax To: (575) 745-8905

Received:	02/13/2013	Sampling Date:	02/06/2013
Reported:	02/18/2013	Sampling Type:	Soil
Project Name:	DCP M-27 FLOWLINE	Sampling Condition:	Cool & Intact
Project Number:	700702.053.01	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

**Sample ID: S-1 @ 0.75' (H300406-01)**

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2013	ND	2.04	102	2.00	9.03	
<b>Toluene*</b>	<b>0.128</b>	0.050	02/13/2013	ND	2.04	102	2.00	9.03	
Ethylbenzene*	<0.050	0.050	02/13/2013	ND	2.02	101	2.00	9.17	
Total Xylenes*	<0.150	0.150	02/13/2013	ND	6.20	103	6.00	8.78	
Total BTEX	<0.300	0.300	02/13/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 112 % 89.4-126

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/15/2013	ND	207	104	200	0.815	
DRO >C10-C28	<10.0	10.0	02/15/2013	ND	170	85.2	200	5.23	

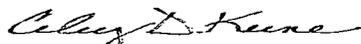
Surrogate: 1-Chlorooctane 71.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 84.1 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

101 East Marland, Hobbs, NM 88240  
 (575) 393-2326 FAX (575) 393-2476

Company Name: <u>TALON / LPE</u>			<b>BILL TO</b>			<b>ANALYSIS REQUEST</b>												
Project Manager: <u>DAVID ADKINS</u>			P.O. #:			TPH	BTEX											
Address: <u>409 W. TEXAS AVE</u>			Company: <u>TALON / LPE</u>															
City: <u>Artesia</u> State: <u>NM</u> Zip: <u>88210</u>			Attn:															
Phone #: <u>575 441 4835</u> Fax #:			Address:															
Project #: <u>700702.053.01</u> Project Owner: <u>DCP</u>			City:															
Project Name: <u>DCP M-27 Flow Line</u>			State: Zip:															
Project Location:			Phone #:															
Sampler Name: <u>D. ADKINS</u>			Fax #:															
FOR LAB USE ONLY																		
Lab I.D.	Sample I.D.	(C/R)AB OR (C)OMP. # CONTAINERS	MATRIX										PRESERV.	SAMPLING		DATE	TIME	
<u>H300406</u>	<u>1 S-1 @ 0.75'</u>	<u>1</u>	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	<u>2/6/13</u>	<u>1030</u>					

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits, incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: _____ Time: _____	Received By: _____	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: _____	Date: <u>2/13/13</u> Time: <u>10:25</u>	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	CHECKED BY: (Initials) <u>KP</u>	REMARKS:	

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326 He

## **SITE PHOTOS**

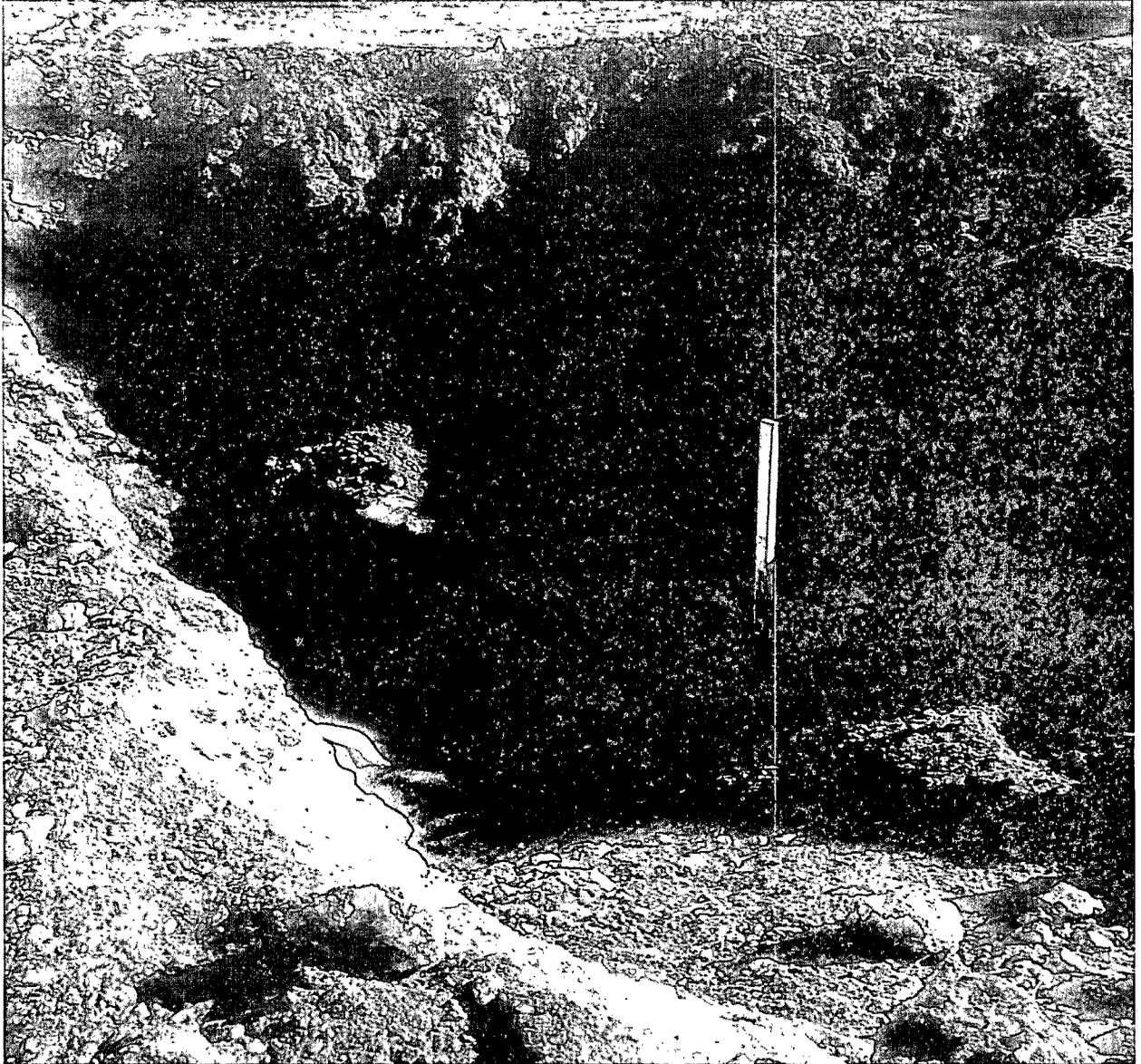


Photo 1

Repaired Pipeline



Photo 2

Contaminated soil being loaded out and clean stockpile of backfill

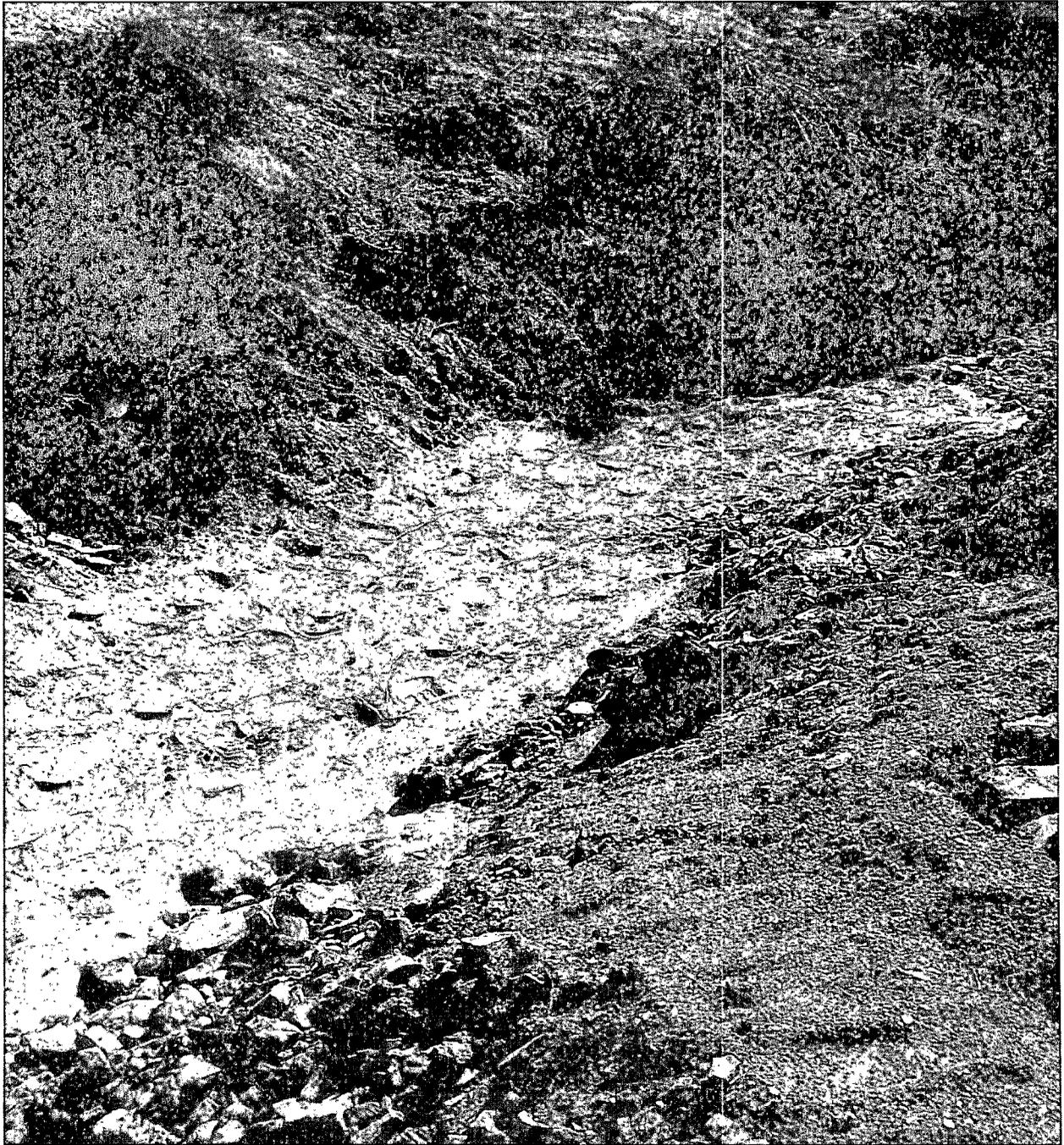


Photo 3

Arroyo excavation and backfill

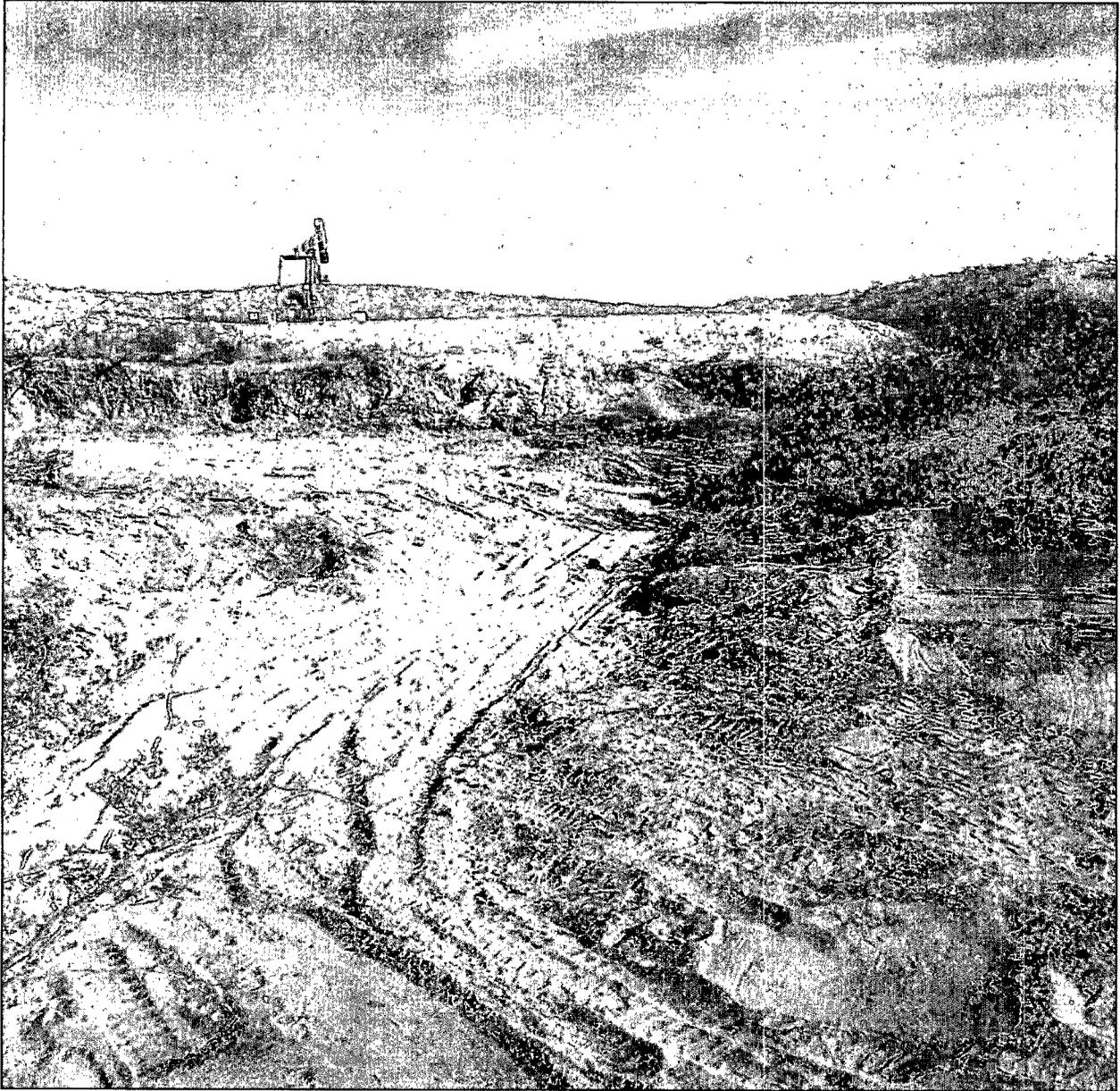


Photo 4

Excavation and backfill downgradient of drilling pit

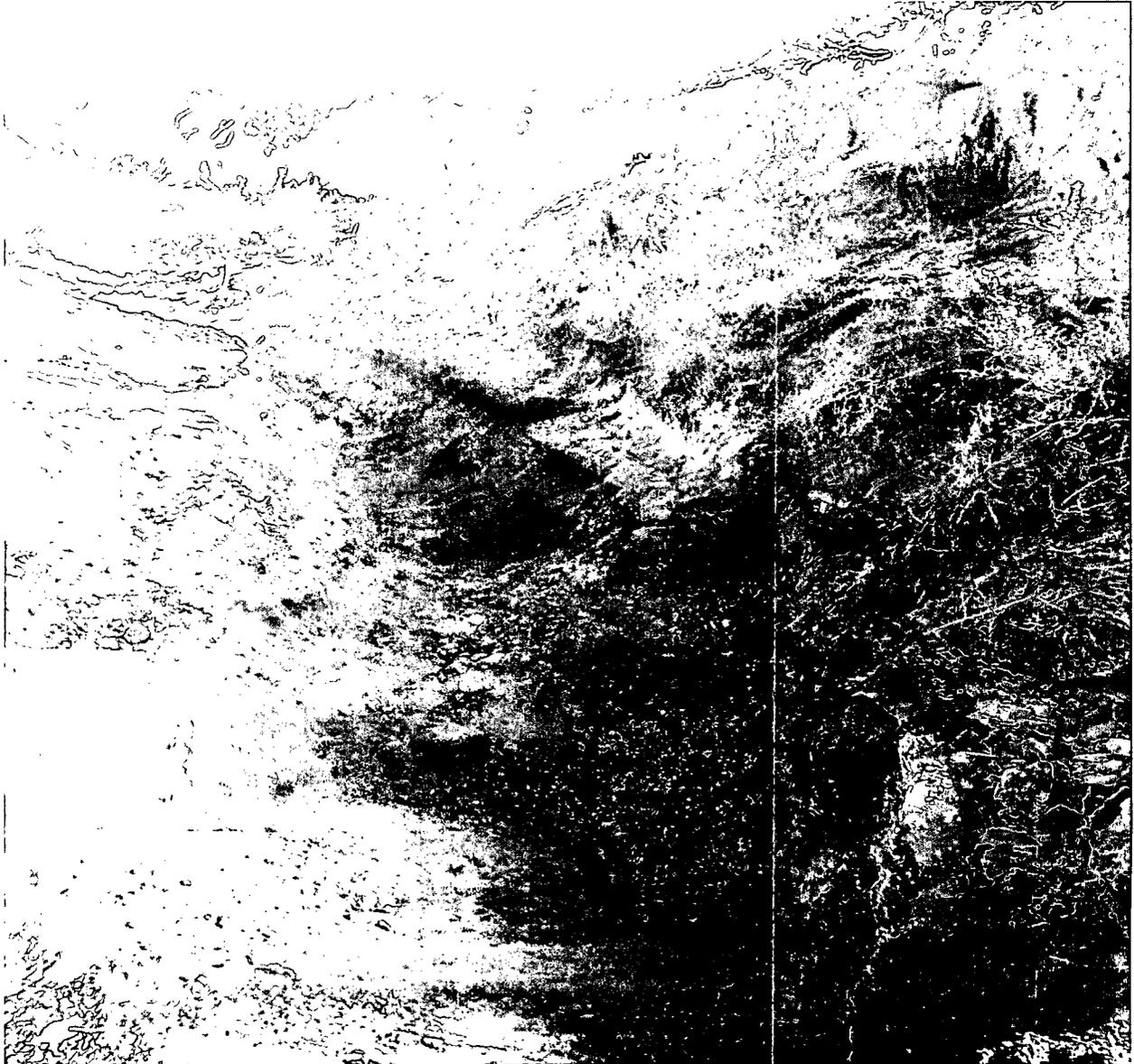


Photo 5

Excavation at bend in arroyo

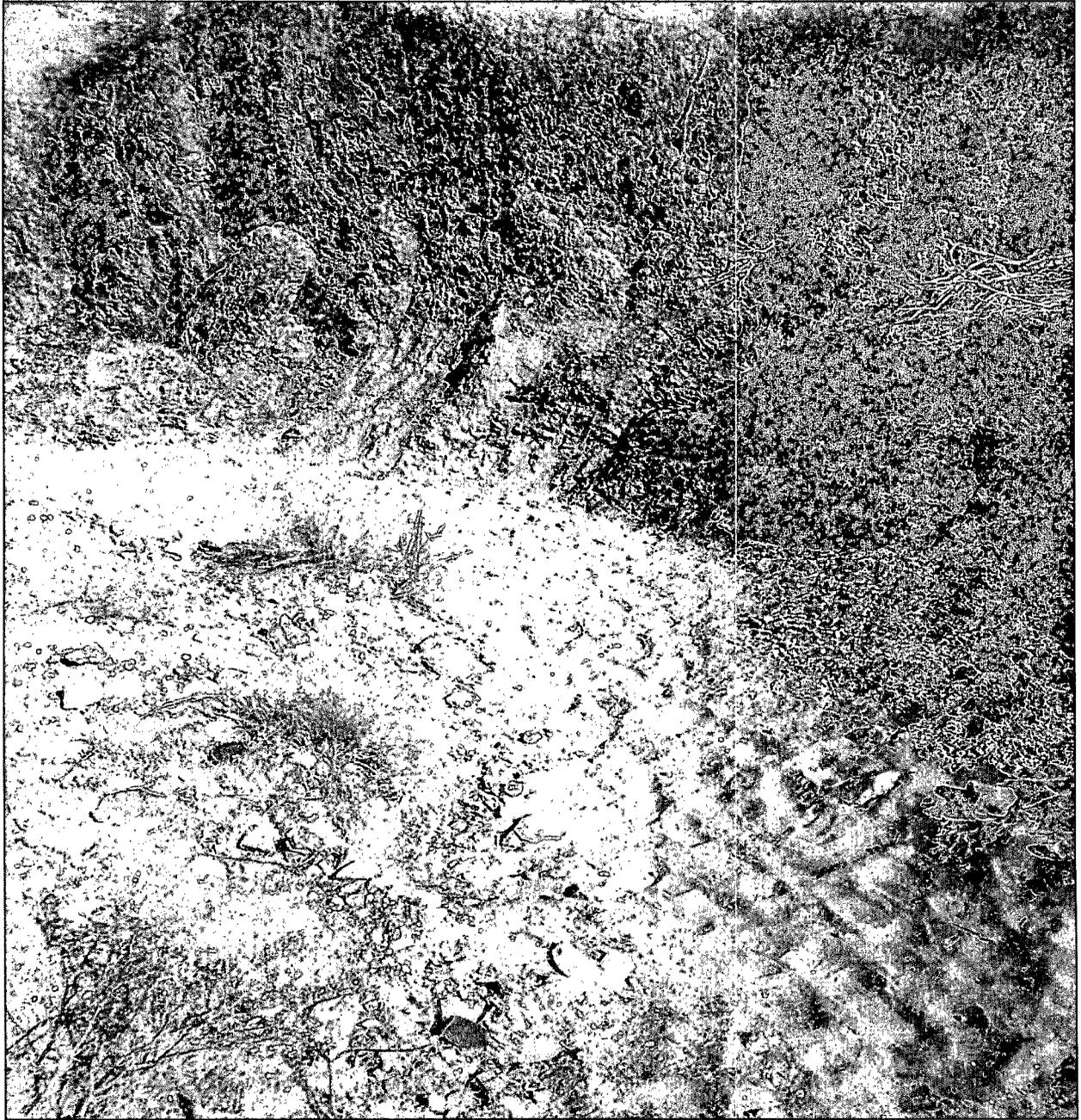


Photo 6

Excavation within arroyo and backfill



Photo 7

The arroyo – an overview



Photo 8

Excavation within the arroyo

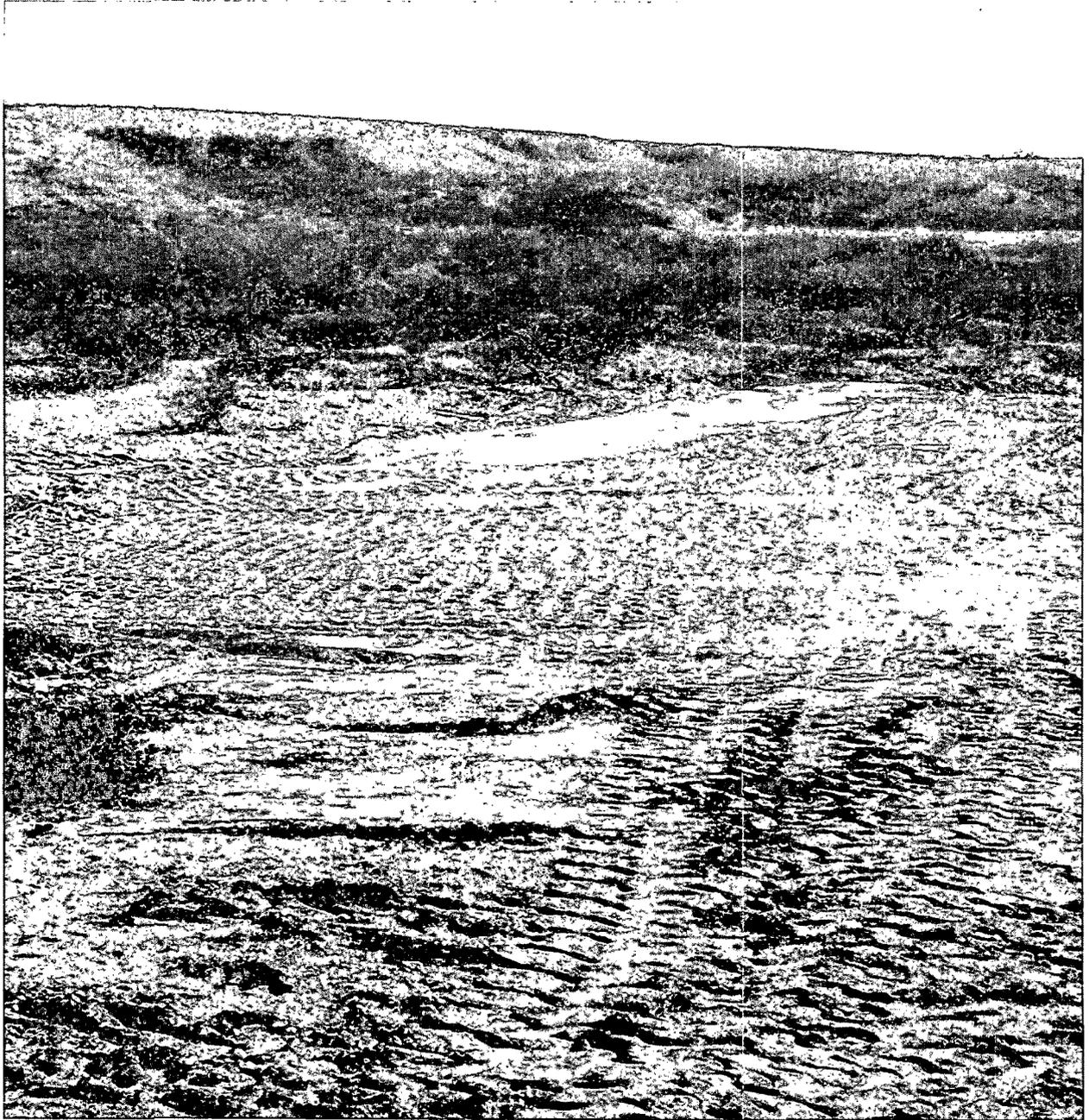


Photo 9

Backfilled excavation at source area and header of arroyo

**FINAL C-141**

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

Name of Company : DCP Midstream, LP 36785	Contact : Chandler Cole
Address : 10 Desta Drive, suite 400 W., Midland, TX 79705	Telephone No. : 303-605-1695
Facility Name : M-27 Gas Pipeline	Facility Type: Gas Pipeline

Surface Owner: BLM	Mineral Owner:	Lease No. : 2RP-1448
--------------------	----------------	----------------------

#### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	11	19S	30E		North		West	Eddy

Latitude 32.67963 N Longitude -103.94056 W

#### NATURE OF RELEASE

Type of Release : Condensate & Raw Natural Gas	Volume of Release : 15bbls	Volume Recovered: 0 bbls
Source of Release : Pipeline	Date and Hour of Occurrence: UNKNOWN	Date and Hour of Discovery: 12/5/2012 12:00 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? NMOCD/ Mike Bratcher via email BLM / Jim Amos via email & Carl Chavez/ OCD via email	
By Whom? Jon Bebbington	Date and Hour : 12/5/2012 15:50 pm	
Was a Watercourse Reached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, Volume Impacting the Watercourse. -0- bbls, dry arroyo	

If a Watercourse was Impacted, Describe Fully.\*

Approximately 15 barrels of condensate flowed down a gradual slope and approximately another 2000-foot into a 10-foot deep dry arroyo and continued down slope.

Describe Cause of Problem and Remedial Action Taken.\* A six-inch steel buried natural gas gathering pipeline was observed to have leaked due to a corroded section of pipe. The pipeline was shut-in and a sorbent material was used and a temporary berm was constructed to prevent further flow into the arroyo in the event of rain.

Describe Area Affected and Cleanup Action Taken.\* Talon/LPE was also contacted for the correction of the release. The impacted area was excavated to a depth of 6-inches to 2-foot deep, analytical testing was completed and the impacted soil was transported to Lea Land, LLC an approved disposal facility. The excavation was backfilled with new soil and contoured to match the surrounding terrain. Final lab results are below RRAL's.

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: <i>Chandler S. Cole</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Chandler Cole	Approved by District Supervisor:	
Title: Sr. Environmental Specialist	Approval Date:	Expiration Date:
E-mail Address: cccole@dcpmidstream.com	Conditions of Approval:	
Date: 3/14/2013 Phone: 303-605-1695	Attached <input type="checkbox"/>	

\* Attach Additional Sheets If Necessary