

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 August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company	Enterprise Field Services LLC	Contact:	Alena Miro
	PO Box 4324, Houston, TX 77252	Telephone No.	575-628-6802
Facility Name	Pipeline ROW, Trunk A Line	Facility Type:	Gas Gathering Pipeline
Surface Owner	Multiple Owners	Mineral Owner	NA
		Lease No.	NA

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	20	23S	31E					Eddy

Latitude: 32.283627 N Longitude: -103.795482 W

NATURE OF RELEASE

Type of Release	Natural Gas, minimal pipeline liquids	Volume of Release	128 MCF	Volume Recovered	0
Source of Release	Pipeline Leak	Date and Hour of Occurrence (Start) 09-01-2013 17:00 MDT	Date and Hour of Discovery (End) 09-12-2013 09:30 MDT		
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?			
By Whom?		Date and Hour			
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* ☐ Initial Report

Suspected internal corrosion. The affected section of the 6-inch line was isolated. Producers were notified of production shut down. Line was blown-down, repairs are scheduled. A small amount of liquids (< 5BBL) were released; BLM was notified. A final report will be submitted on completion of the repair. Describe Area Affected and Cleanup Action Taken.* ☐ As described in the attached report.

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.

OIL CONSERVATION DIVISION

Signature:

Printed Name: Jon E. Fields

Title: Director - Field Environmental

E-mail Address: jefields@eprod.com

Date: 5-9-19 Phone: 713-381-6595

Approved by District Supervisor:

Approval Date: 4/13/2023

Expiration Date:

Conditions of Approval:

Attached ☐

* Attach Additional Sheets If Necessary

talonlpe.com • 866.742.0742



Closure Report
Enterprise Field Services, LLC: Trunk A Line
[2RP-1925]

April 5, 2017

Prepared For:

Ms. Alena Miro
Enterprise Field Services, LLC
PO Box 4342
Houston, TX 77252

Prepared By:

Talon/LPE
408 W. Texas Ave.
Artesia, NM 88210

Table of Contents

1.0 Introduction	1
1.1 Objectives and Site Background	1
2.0 Regulatory Framework	1
2.1 NMOCD Site Ranking Criteria.....	1
2.2 Remedial Action Levels for Soil.....	2
3.0 Site Area Description	2
3.1 Soil Description	2
3.2 Ground Water Depth and Wellhead Distance	2
3.3 Surface Water Distance	2
3.4 Site Ranking Conclusion	2
4.0 Incident Information.....	3
4.1 Incident Description.....	3
5.0 Remediation Activities	3
5.1 Excavation Activities	3
5.2 Soil Sampling.....	3
5.3 Backfill and Site Grading Activities	4
6.0 Conclusions and Recommendations	4
6.1 Conclusions	4
6.2 Recommendations	4

1.0 Introduction

1.1 Objectives and Site Background

Enterprise Field Services, LLC (Enterprise) has contracted Talon/LPE (Talon) to perform initial spill response, soil sampling and remediation services at the above referenced location. The regulatory framework, site description, incident description, soil sampling results, remediation activities, conclusions and recommendations are submitted herein.

The Trunk A Line is located approximately thirty-one (31) miles southeast of Carlsbad, New Mexico. The legal location for this release is Unit Letter P, Section 20, Township 23 South and Range 31 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.283627 North and -103.795482 West. A site plan is presented in [Appendix I](#).

2.0 Regulatory Framework

2.1 NMOCD Site Ranking Criteria

NMOCD guidance document titled: *Guidelines for Remediation of Leaks, Spills and Releases*, dated August 13, 1993. Consistent with these guidelines, general site characteristics, including the depth to groundwater, and the distance to water wells or surface water sources, will be utilized to determine the appropriate “ranking” of individual release sites, and the associated remedial action requirements. The site ranking criteria and associated scoring values, based on the 1993 guidance, are summarized in the following Table.

Ranking Criteria		Ranking Score
Depth to Groundwater	<50'	20
	50-99'	10
	>100'	0
Wellhead Protection Area <1,000' from a water source, or 200' from private domestic water source.	Yes	20
	No	0
Distance to Surface Water Body	<200'	20
	200' to 1,000'	10
	>1,000'	0

2.2 Remedial Action Levels for Soil

From the NMOCD guidance document *Guidelines for Remediation of Leaks, Spills and Releases*, dated August 13, 1993. The total ranking score determines the degree of remediation that may be required on a site specific basis. The total ranking score is the sum of all four individual ranking criteria. The Recommended Remedial Action Level's (RRAL's) based on total site ranking are summarized in the table below.

Constituent	Site Ranking >19	Site Ranking 10	Site Ranking 0
Benzene	10 mg/kg	10 mg/kg	10 mg/kg
Total BTEX	50 mg/kg	50 mg/kg	50 mg/kg
TPH	100 mg/kg	1,000 mg/kg	5,000 mg/kg

Though not mentioned in the NMOCD guidance document *Guidelines for Remediation of Leaks, Spills and Releases*, dated August 13, 1993. The recommended remedial action level for Total Chloride concentration in NMOCD District 2 is 1,000 mg/kg regardless of depth to groundwater.

3.0 Site Area Description

3.1 Soil Description

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Service (NRCS), the soil in this area is made up of the Berino complex with 0 to 3 percent slopes. Drainage courses in this area are normally dry.

3.2 Ground Water Depth and Wellhead Distance

The New Mexico State Engineer database indicates that ground water in the project vicinity is at a depth of 430-feet below ground surface (BGS). The nearest water well to this site is well C-02954. See [Appendix III](#) for the referenced groundwater data and well data.

3.3 Surface Water Distance

The nearest surface water body is the Pecos River. The nearest bank of the river is approximately 11.9 miles west of the site. See [Appendix II](#) for area maps.

3.4 Site Ranking Conclusion

Based on the information provided in the above sections it is concluded that the ranking for this site is 0. Therefore NMOCD RRAL's for this incident should be consistent with the description in section 2.2.

4.0 Incident Information

4.1 Incident Description

On September 9, 2013, a leak on the Trunk A Line occurred due to internal corrosion. 128 MCF of gas was released into the atmosphere and a small amount of pipeline liquids (<5bbls) were released into the soil. The affected section of pipeline was shut in, excavated, and repaired.

5.0 Remediation Activities

5.1 Excavation Activities

Due to the small amount of fluid that was released all of the impacted soil was excavated during the repair phase of the incident. The excavated soil was stockpiled on plastic liner and the excavation was left open pending analytical results from soil sampling activities.

5.2 Soil Sampling

On October 16, 2013 Talon mobilized personnel to the site to perform soil sampling within the excavation. Soil samples were taken from the bottom and side walls of the excavation. The analytical results of the soil sampling are summarized in the table below. Laboratory Analytical Reports and Chain of Custody Documentation can be found in [Appendix V](#).

Sample ID	Depth (feet)	Benzene (mg/kg)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg)
S-1	5	ND	ND	ND	ND
S-2	Sidewall	ND	ND	ND	ND
S-3	Sidewall	ND	ND	ND	ND
S-4	Sidewall	ND	ND	ND	ND
S-5	Sidewall	ND	ND	352	ND

(ND) Analyte Not Detected

Based upon the site ranking of **0**, NMOCD Recommended Remedial Action Levels (RRAL) are 50 mg/kg for BTEX, 10 mg/kg for Benzene, 5,000 mg/kg for TPH and the recommended guideline for Total Chlorides is 1,000 mg/kg.

5.3 Backfill and Site Grading Activities

Following receipt of analytical results from the soil sampling event which showed that the soil in the affected area was below NMOCD RRAL's, the site was backfilled by Enterprise and contoured to match the surrounding terrain.

6.0 Conclusions and Recommendations

6.1 Conclusions

- The amount of fluid released from the Trunk A Line on September 9, 2013 was below NMOCD reporting limits of 5bbls.
- The small amount of impacted soil was excavated during the repair phase of this incident.
- Soil samples were taken from the bottom and side walls of the excavation.
- Analytical results from the soil sampling event were below NMOCD RRAL's
- The excavation was backfilled by Enterprise and contoured to match the surrounding terrain.

6.2 Recommendations


Based on the fact that the fluid release from this incident was below NMOCD minimal reporting limits of 5bbls and the analytical results from the soil sampling event were below NMOCD RRAL's, it is recommended that no further actions be required and that closure with regard to this release be granted.

Should you have any questions or if further information is required, please do not hesitate to contact our office at (575)-746-8768

Respectfully submitted,

TALON/LPE


Sheldon Hitchcock
Project Manager

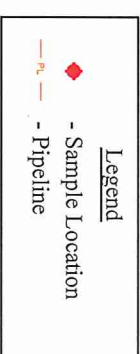
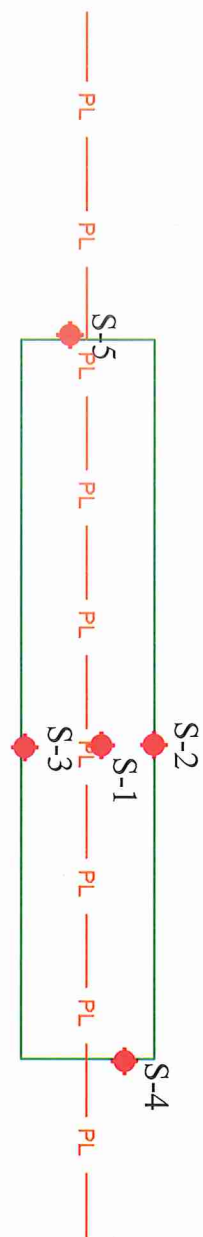
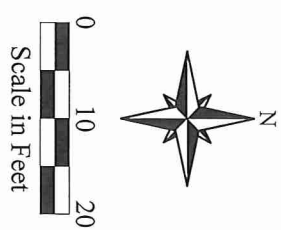

David J. Adkins
District Manager

Attachments

- Appendix I Site Plan
- Appendix II Area Maps
- Appendix III Groundwater and Well Data
- Appendix IV Initial C-141
- Appendix V Laboratory Results

APPENDIX I

SITE PLAN



Date: 10/21/2013
Scale: 1" = 20'
Drawn By: TJS

Trunk A Crossover
Enterprise Products Company
Eddy County, New Mexico
Figure 1 - Site Plan

APPENDIX II

AREA MAPS

A yellow pushpin is pinned to the top left corner of the page.



5 mi

Google Earth



0 mi 0.35 mi 0.7 mi 1.05 mi 1.4 mi

GARMIN.

APPENDIX III

GROUNDWATER AND WELL DATA



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 Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 02954 EXPL			ED	3	1	4	20	23S	31E	613114	3572906*	587	905		
C 02661			ED	3	3	1	04	24S	31E	613969	3568485*	4138	708		
C 02785			ED	3	3	1	04	24S	31E	613969	3568485*	4138	692		
C 02783	CUB		ED	3	3	1	04	24S	31E	613911	3568461	4157	708		
C 02783 POD2	C		ED	3	3	1	04	24S	31E	613911	3568461	4157	672		
C 02784	C		ED	4	2	4	04	24S	31E	613911	3568461	4157	584		
C 02348	C		ED	1	4	3	26	23S	31E	617648	3571068	4311	700	430	270
C 02258	C		ED		3	2	26	23S	31E	618055	3571853*	4497	662		

Average Depth to Water: **430 feet**

Minimum Depth: **430 feet**

Maximum Depth: **430 feet**

Record Count: 8

Basin/County Search:

County: Eddy

UTMNAD83 Radius Search (in meters):

Easting (X): 613621

Northing (Y): 3572609

Radius: 4500

*UTM location was derived from PLSS - see Help

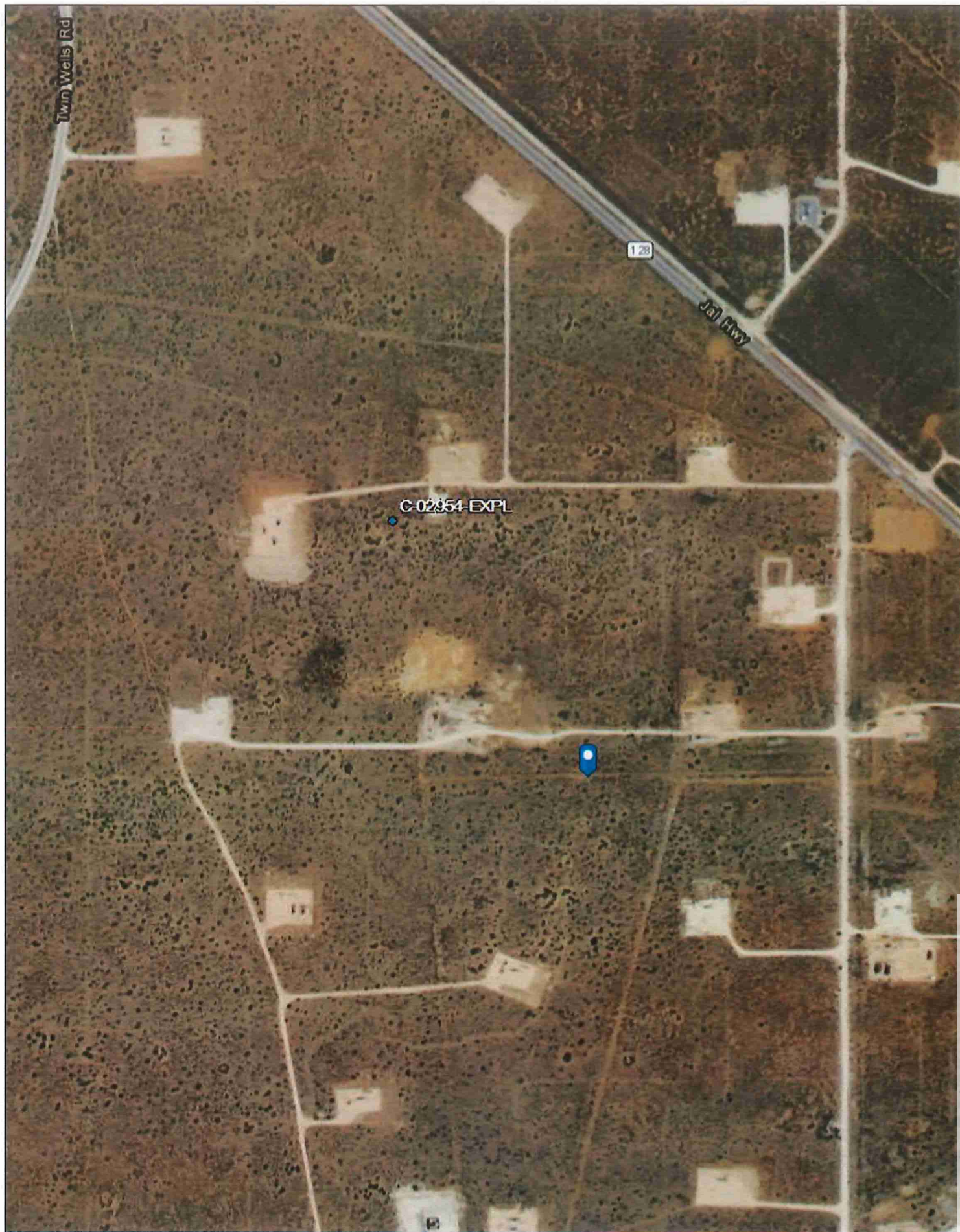
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

4/5/17 1:23 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

USE WELL LOCATIONS



APPENDIX IV

INITIAL 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

Form C-141
Revised August 8, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

nJMW 1326647545

Name of Company		Enterprise Field Services LLC <i>1000347</i>		Contact:	Jim Heap	<input checked="" type="checkbox"/> Initial Report	<input type="checkbox"/> Final Report
Facility Name		Pipeline ROW, Trunk A Line <i>9/1/13</i>		Telephone No.	432-686-5404		
Surface Owner		Multiple Owners		Mineral Owner	NA	Lease No. NA	

Surface Owner Fed/BLM

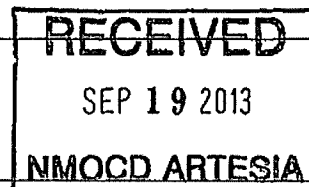
LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
	20	23S	31E					

Latitude: 32.283627 N Longitude: -103.795482 W

NATURE OF RELEASE

Type of Release	Natural Gas, minimal pipeline liquids	Volume of Release	128 MCF	Volume Recovered	0
Source of Release	Pipeline Leak	Date and Hour of Occurrence (Start)	09-01-2013 17:00 MDT	Date and Hour of Discovery (End)	09-12-2013 09:30 MDT
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required				
By Whom?	Date and Hour				
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
If a Watercourse was Impacted, Describe Fully.*					



Describe Cause of Problem and Remedial Action Taken.* *Initial Report*

Suspected internal corrosion. The affected section of the 6-inch line was isolated. Producers were notified of production shut down. Line was blown-down, repairs are scheduled. A small amount of liquids (< 5BBL) were released; BLM was notified. A final report will be submitted on completion of the repair.

Describe Area Affected and Cleanup Action Taken.*

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>Jon E. Fields</i>		OIL CONSERVATION DIVISION	
Printed Name: Jon E. Fields		Approved by District Supervisor Signed By <i>M. H. Brumley</i>	
Title: Director - Field Environmental	SEP 23 2013	Approval Date: _____ Expiration Date: _____	
E-mail Address: jefields@eprod.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: _____ Phone: 713-381-6595	Remediation per OCD Rule & Guidelines, & like approval by BLM. SUBMIT REMEDIATION		

* Attach Additional Sheets If Necessary

fJMW 1326641638

PROPOSAL NO LATER THAN:
October 23, 2013

2RP-1925

iJMW 1326649235

APPENDIX V

LABORATORY RESULTS



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 22, 2013

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TRUNK A CROSSOVER

Enclosed are the results of analyses for samples received by the laboratory on 10/17/13 14:50.

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.

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



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

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

Received: 10/17/2013
 Reported: 10/22/2013
 Project Name: TRUNK A CROSSOVER
 Project Number: 700348.132.01
 Project Location: NOT GIVEN

Sampling Date: 10/16/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-1 5' (H302516-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2013	ND	1.89	94.4	2.00	0.484	
Toluene*	<0.050	0.050	10/19/2013	ND	1.95	97.4	2.00	0.486	
Ethylbenzene*	<0.050	0.050	10/19/2013	ND	1.97	98.4	2.00	0.735	
Total Xylenes*	<0.150	0.150	10/19/2013	ND	5.81	96.8	6.00	0.984	
Total BTEX	<0.300	0.300	10/19/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2013	ND	400	100	400	3.92	

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	10/18/2013	ND	204	102	200	8.49	
DRO >C10-C28	<10.0	10.0	10/18/2013	ND	199	99.4	200	8.56	

Surrogate: 1-Chlorooctane 116 % 65.2-140

Surrogate: 1-Chlorooctadecane 119 % 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



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

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

Received: 10/17/2013
 Reported: 10/22/2013
 Project Name: TRUNK A CROSSOVER
 Project Number: 700348.132.01
 Project Location: NOT GIVEN

Sampling Date: 10/16/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-2 5' (H302516-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2013	ND	1.89	94.4	2.00	0.484	
Toluene*	<0.050	0.050	10/19/2013	ND	1.95	97.4	2.00	0.486	
Ethylbenzene*	<0.050	0.050	10/19/2013	ND	1.97	98.4	2.00	0.735	
Total Xylenes*	<0.150	0.150	10/19/2013	ND	5.81	96.8	6.00	0.984	
Total BTEX	<0.300	0.300	10/19/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2013	ND	432	108	400	0.00	

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	10/18/2013	ND	204	102	200	8.49	
DRO >C10-C28	<10.0	10.0	10/18/2013	ND	199	99.4	200	8.56	

Surrogate: 1-Chlorooctane 107 % 65.2-140

Surrogate: 1-Chlorooctadecane 112 % 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



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

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

Received: 10/17/2013
 Reported: 10/22/2013
 Project Name: TRUNK A CROSSOVER
 Project Number: 700348.132.01
 Project Location: NOT GIVEN

Sampling Date: 10/16/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-3 5' (H302516-03)

BTEX 8021B		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2013	ND	1.89	94.4	2.00	0.484	
Toluene*	<0.050	0.050	10/19/2013	ND	1.95	97.4	2.00	0.486	
Ethylbenzene*	<0.050	0.050	10/19/2013	ND	1.97	98.4	2.00	0.735	
Total Xylenes*	<0.150	0.150	10/19/2013	ND	5.81	96.8	6.00	0.984	
Total BTEX	<0.300	0.300	10/19/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2013	ND	432	108	400	0.00	

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	10/18/2013	ND	197	98.5	200	4.29	
DRO >C10-C28	<10.0	10.0	10/18/2013	ND	186	93.2	200	8.87	

Surrogate: 1-Chlorooctane 102 % 65.2-140

Surrogate: 1-Chlorooctadecane 110 % 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



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

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

Received: 10/17/2013
Reported: 10/22/2013
Project Name: TRUNK A CROSSOVER
Project Number: 700348.132.01
Project Location: NOT GIVEN

Sampling Date: 10/16/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-4 5' (H302516-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2013	ND	1.89	94.4	2.00	0.484	
Toluene*	<0.050	0.050	10/19/2013	ND	1.95	97.4	2.00	0.486	
Ethylbenzene*	<0.050	0.050	10/19/2013	ND	1.97	98.4	2.00	0.735	
Total Xylenes*	<0.150	0.150	10/19/2013	ND	5.81	96.8	6.00	0.984	
Total BTEX	<0.300	0.300	10/19/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2013	ND	432	108	400	0.00	

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	10/18/2013	ND	197	98.5	200	4.29	
DRO >C10-C28	<10.0	10.0	10/18/2013	ND	186	93.2	200	8.87	

Surrogate: 1-Chlorooctane 109 % 65.2-140

Surrogate: 1-Chlorooctadecane 117 % 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



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

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

Received: 10/17/2013
 Reported: 10/22/2013
 Project Name: TRUNK A CROSSOVER
 Project Number: 700348.132.01
 Project Location: NOT GIVEN

Sampling Date: 10/16/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-5 5' (H302516-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2013	ND	2.01	101	2.00	3.40	
Toluene*	<0.050	0.050	10/21/2013	ND	2.11	106	2.00	1.78	
Ethylbenzene*	<0.050	0.050	10/21/2013	ND	2.14	107	2.00	3.66	
Total Xylenes*	<0.150	0.150	10/21/2013	ND	6.39	106	6.00	4.56	
Total BTEX	<0.300	0.300	10/21/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 90.9 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	10/21/2013	ND	432	108	400	0.00	

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	10/18/2013	ND	197	98.5	200	4.29	
DRO >C10-C28	<10.0	10.0	10/18/2013	ND	186	93.2	200	8.87	

Surrogate: 1-Chlorooctane 115 % 65.2-140

Surrogate: 1-Chlorooctadecane 117 % 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

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

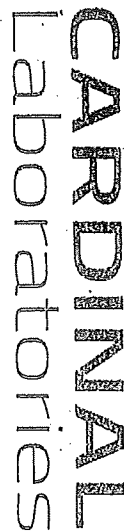
Cardinal Laboratories

*=Accredited Analyte

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



Released to Imaging: 4/13/2023 7:37:48 AM

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

Page 8 of 8

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 206652

CONDITIONS

Operator: ENTERPRISE PRODUCTS OPERATING, LLC P.O. BOX 4324 HOUSTON, TX 77210	OGRID: 374092
	Action Number: 206652
	Action Type: [IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	4/13/2023