
BURGUNDY OIL & GAS OF NEW MEXICO, INC.



Ben Taylor

Childress Lease Road

CLOSURE REPORT

1RP-3212

API No. 30-025-64319

Release Date: 07/22/2014

Section 3 Township 20 South, Range 36 East

September 15, 2014

Prepared by:

Environmental Department
Diversified Field Service, Inc.
206 W Snyder
Hobbs, NM 88240
Phone: (575)964-8394
Fax: (575)393-8396

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Figure – Site Diagram with Sample Data

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Childress Road

1 INTRODUCTION

Burgundy Oil and Gas of New Mexico retained Diversified Field Service, Inc. (DFSI) to address environmental issues for the site detailed herein.

The site is located west of Monument NM, sec. 3, T20S R36E, in Lea County. The incident at this site location was as the result of a compromised flow line located adjacent to the Childress lease road, whereby an unknown volume of produced water and crude impacted approximately 2,657 sq. ft. of pasture area (Figure).

A form C-141 was submitted to the NMOCD on August 05, 2014 1RP-3212 (Appendix I).

2 SITE ACTIVITIES

On July 22, 2014 DFSI field personnel paid an initial visit to the site location and conducted an initial site assessment of the flow line leak on the Childress lease road. It was determined that six sample point positions should be placed in order to adequately delineate the impacted area. The areas of SP1 and SP2 were delineated at 1ft. intervals to depths to 3 ft. bgs., whereby a representative soil sample was retrieved and sent to a commercial laboratory for confirmation. SP1 at 3ft. returned acceptable levels of chlorides and SP2 returned acceptable levels at 2ft. bgs.

The most significant areas of impact were for SP3 thru SP6 and the analyses from the commercial laboratory are as follows:

SP3 at 7ft. BGS. for chloride was <16. mg/kg, however field analysis revealed acceptable levels at 1ft. bgs.

SP4 at 9ft. bgs. for chloride was <16. mg/kg.

SP5 at 7ft. bgs. for chloride was <16. mg/kg.

SP6 at 9ft. bgs. for chloride was <16. mg/kg.

(Please see attached field and laboratory analyses).

On August 05, 2014 DFSI submitted a plan and written proposal to remediate the site to the BLM of Lea county. On August 5, 2014 said plan was approved (Appendix V).

On August 21, 2014 DFSI Personnel revisited the site and excavated the impacted lease road area. The following is a recap of the excavation activities:

SP1, and SP3 thru SP6 were excavated to 3ft. bgs., while SP2 was excavated to 2ft. bgs., as was previously determined by lab confirmations.

On August 22, 2014 DFSI personnel returned to the site to collect representative soil samples for confirmation of the vertical delineation. There were four (4) sidewall samples collected and sent to a commercial laboratory for confirmation. This following is the returned analyses:

SW1 North chlorides returned as <16.0 mg/kg, TPH GRO <10., and DRO 10.8 mg/kg.

SW2 East chlorides returned as 736 mg/kg, TPH GRO <20., and DRO <20. mg/kg.

SW3 South chlorides returned as <16.0 mg/kg, TPH GRO <10., and DRO 10.4 mg/kg.

SW4 West chlorides returned as <16.0 mg/kg, TPH GRO and DRO were non-detect.

This concludes the delineation efforts, in that all constituents were within acceptable limits, therefore on this same said date a 20 mil. liner was installed in accordance with the approved remediation plan, and at the aforementioned depths.

On August 25, 2014 the lined area was backfilled with fresh topsoil. DFSI personnel tilled the site and seeded with 50 lbs. of native Lesser Prairie Chicken seed mixture in order to promote vegetation, thereby restoring the site to its natural state per BLM guidelines (Appendix IV).

Photographs of site activities can be viewed in Appendix II.

3 CONCLUSION

According to the U.S. Geological Survey and the NM Office of the State Engineer, there were no records of groundwater in the immediate vicinity, indicating no potential threat to groundwater or life forms (Appendix III). Based on the removal of soils containing elevated chloride and visual staining at the site to an NMOCD approved facility, DFSI, on behalf of Burgundy Oil and Gas of New Mexico, submits the final form C-141 (Appendix V), and respectfully requests the closure of the regulatory file for the site.

Site Diagram

**Burgundy Oil and Gas
Childress Rd. Leak
Lea County, NM**

Drafted By: Lance Crenshaw, 7-25-14

0 0.005 0.01 0.02 Miles

**Spill Area:
2,657 sq. ft.**

Legend

- Soil Bores
- sample_pts
- Source

Pipeline

Type

- Above Ground Line
- Buried Line

Spill

- <all other values>

Spill_Media

- Oil and Produced H2O
- Oil
- Other
- Produced Water

SP4 Chl TPH
7' 1024 .1
9' <16.

SP3 Chl TPH
5' 1320 .1
7' <16

SP6 Chl TPH
7' 1024 .9
9' <16

SP5 Chl TPH
5' 974 .5
7' <16.

SP2 CHL TPH
1' 274 .2
2' <16

SP1 Chl TPH
2' 774 .7
3 480

Pipeline

SP1 SP2 SP3 SP4 SP5 SP6

Lance Crenshaw
GIS Technician

Soil Remediation and Ground Water Remediation
Environmental Assessments
Regulatory Compliance



Environmental

DFS

Services

Office: 575-964-8394

Fax: 575-964-8396

Cell: 575-441-2359

Email: lcrenshaw@diversifiedfsi.com

Source: Esri, DigitalGlobe, GeoEye, IGN, swisstopo, and the GIS User Community

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-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: Burgundy Oil and Gas of New Mexico	Contact: Ben Taylor	
Address: 401 W Texas Suite 1003 Midland, TX 79701	Telephone No. 432-684-4033	
Facility Name: Childress Road Leak	Facility Type: Gas Production	
Surface Owner Federal	Mineral Owner Federal	API No. 30-025-64319 (nearest facility)

LOCATION OF RELEASE

Unit Letter	Section 3	Township 20S	Range 36E	Feet from the	North/South Line	Feet from	East/West Line	County Lea
-------------	--------------	-----------------	--------------	---------------	------------------	-----------	----------------	---------------

Latitude: 32.60033 Longitude -103.34065

NATURE OF RELEASE

Type of Release: Produced water/crude	Volume of Release unknown	Volume Recovered unknown
Source of Release: Flowline	Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? DFSI Mike Burton SR Project Manager	
By Whom? Ben Taylor	Date and Hour: 07/23/14 3:29	
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.* NA		
Describe Cause of Problem and Remedial Action Taken.* A rupture occurred in a Flow line located off of the Childress lease road.		
Describe Area Affected and Cleanup Action Taken. This created an impact to pasture area measuring 2,657 sq. ft.. DFSI was retained to remediate the site.		
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: Ben Taylor	Approved by Environmental Specialist:	
Title: Field Foreman	Approval Date:	Expiration Date:
E-mail Address: btaylor.bogi@att.net	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 08/05/14 Phone: 432-557-2684		

* Attach Additional Sheets If Necessary

BURGUNDY CORPORATION
Sec.3 T20S R36E



Flowline impact facing east 07/22/14



Lease road impact 07/22/14



Excavation of lease road 08/21/14



Lined excavated area 08/22/14

BURGUNDY CORPORATION
Sec.3 T20S R36E



Backfilled road area 08/25/14



Site at completion-tilled and seeded 08/25



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

closed) (quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-	Code	basin	County	Q	Q	Q	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 10246	L	LE	1	1	3	03	20S	36E	654869	3608291*	60				

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 1

PLSS Search:

Section(s): 3

Township: 20S

Range: 36E

*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.



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

August 01, 2014

NATALIE GLADDEN

DIVERSIFIED FIELD SERVICES, INC.

P. O. BOX 5966

HOBBS, NM 88241

RE: BURGUNDY OIL & GAS

Enclosed are the results of analyses for samples received by the laboratory on 07/23/14 14:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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,

Hope S. Moreno For Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

DIVERSIFIED FIELD SERVICES, INC.
NATALIE GLADDEN
P. O. BOX 5966
HOBBS NM, 88241
Fax To: (575) 393-2981

Received:	07/23/2014	Sampling Date:	07/22/2014
Reported:	08/01/2014	Sampling Type:	Soil
Project Name:	BURGUNDY OIL & GAS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CHILDRRESS ROAD LEAK		

Sample ID: SP 1 @ 3' (H402253-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	07/29/2014	ND	384	96.0	400	4.08	

Sample ID: SP 2 @ 2' (H402253-02)

Chloride, SM4500CI-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	07/29/2014	ND	384	96.0	400	4.08	

Sample ID: SP3 @ 7' (H402253-03)

Chloride, SM4500CI-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	07/29/2014	ND	384	96.0	400	4.08	

Sample ID: SP 4 @ 9' (H402253-04)

Chloride, SM4500CI-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	07/29/2014	ND	384	96.0	400	4.08	

Cardinal Laboratories

*=Accredited Analyte

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Hope S. Moreno For Caley D. Keene, Lab Director/Quality Manager

Analytical Results For:

DIVERSIFIED FIELD SERVICES, INC.
NATALIE GLADDEN
P. O. BOX 5966
HOBBS NM, 88241
Fax To: (575) 393-2981

Received:	07/23/2014	Sampling Date:	07/22/2014
Reported:	08/01/2014	Sampling Type:	Soil
Project Name:	BURGUNDY OIL & GAS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CHILDRESS ROAD LEAK		

Sample ID: SP5 @ 7' (H402253-05)

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	07/29/2014	ND	384	96.0	400	4.08		


Sample ID: SP 6 @ 9' (H402253-06)

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	07/29/2014	ND	384	96.0	400	4.08	

Cardinal Laboratories

*=Accredited Analyte

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Hope S. Moreno For 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

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Hope S. Moreno For 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>Burgundy oil & gas</u>		BILL TO		ANALYSIS REQUEST																									
Project Manager: <u>Ben Taylor</u>		P.O. #:																											
Address:		Company: <u>D E S I</u>																											
City:		Attn: <u>Native Gladden</u>																											
State:		Address:																											
Zip:		City:																											
Phone #:		State:																											
Fax #:		Zip:																											
Project #:		Phone #:																											
Project Name:		Fax #:																											
Project Location: <u>Fluorine Leak childrens rd ket</u>																													
Sampler Name: <u>Michael Alvar</u>																													
FOR LAB USE ONLY																													
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX					PRESERV		SAMPLING																
<u>H407253</u>	<u>1</u>	<u>SP. 103'</u>	<u>8</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>4/24/14</u>	<u>7:30</u>	<u>X</u>												
	<u>2</u>	<u>SP. 202'</u>	<u>8</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>4/22/14</u>	<u>8:00</u>	<u>X</u>												
	<u>3</u>	<u>SP. 307'</u>	<u>8</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>4/22/14</u>	<u>8:15</u>	<u>X</u>												
	<u>4</u>	<u>SP. 409'</u>	<u>8</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>4/22/14</u>	<u>8:25</u>	<u>X</u>												
	<u>5</u>	<u>SP. 507'</u>	<u>8</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>4/22/14</u>	<u>8:50</u>	<u>X</u>												
	<u>6</u>	<u>SP. 609'</u>	<u>8</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>4/22/14</u>	<u>9:30</u>	<u>X</u>												
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Relinquished By:		Date: <u>4/23/14</u>		Received By:																									
Relinquished By:		Time: <u>2:40</u>		Received By:																									
Delivered By: (Circle One)		Sample Condition		CHECKED BY:																									
Sampler - UPS - Bus - Other:		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		(Initials)																									
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																											
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																											
REMARKS: E-mail Results To: Ngladden@diversifiedfsi.com Rpons@diversifiedfsi.com Tjennings@diversifiedfsi.com																													

August 28, 2014

NATALILE GLADDEN

DIVERSIFIED FIELD SERVICES, INC.

P. O. BOX 5966

HOBBS, NM 88241

RE: BURGUNDY OIL & GAS

Enclosed are the results of analyses for samples received by the laboratory on 08/22/14 14:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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

Analytical Results For:

DIVERSIFIED FIELD SERVICES, INC.
NATALIE GLADDEN
P. O. BOX 5966
HOBBS NM, 88241
Fax To: (575) 393-2981

Received:	08/22/2014	Sampling Date:	08/22/2014
Reported:	08/28/2014	Sampling Type:	Soil
Project Name:	BURGUNDY OIL & GAS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CHILDRESS ROAD LEAK		

Sample ID: SW 1 NORTH (H402594-01)

BTX 8021B		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2014	ND	1.89	94.6	2.00	2.67	
Toluene*	<0.050	0.050	08/27/2014	ND	1.74	87.0	2.00	2.01	
Ethylbenzene*	<0.050	0.050	08/27/2014	ND	1.99	99.5	2.00	3.12	
Total Xylenes*	<0.150	0.150	08/27/2014	ND	5.95	99.2	6.00	3.35	
Total BTX	<0.300	0.300	08/27/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	08/26/2014	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	08/26/2014	ND	200	100	200	3.05	
DRO >C10-C28	10.8	10.0	08/26/2014	ND	215	108	200	5.60	

Surrogate: 1-Chlorooctane 116 % 65.2-140

Surrogate: 1-Chlorooctadecane 127 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DIVERSIFIED FIELD SERVICES, INC.
NATALIE GLADDEN
P. O. BOX 5966
HOBBS NM, 88241
Fax To: (575) 393-2981

Received:	08/22/2014	Sampling Date:	08/22/2014
Reported:	08/28/2014	Sampling Type:	Soil
Project Name:	BURGUNDY OIL & GAS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CHILDRRESS ROAD LEAK		

Sample ID: SW 2 EAST (H402594-02)

BTX 8021B		mg/kg		Analyzed By: ck						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2014	ND	1.89	94.6	2.00	2.67		
Toluene*	<0.050	0.050	08/27/2014	ND	1.74	87.0	2.00	2.01		
Ethylbenzene*	<0.050	0.050	08/27/2014	ND	1.99	99.5	2.00	3.12		
Total Xylenes*	<0.150	0.150	08/27/2014	ND	5.95	99.2	6.00	3.35		
Total BTX	<0.300	0.300	08/27/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	736	16.0	08/26/2014	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	<20.0	20.0	08/27/2014	ND	185	92.6	200	2.15	
DRO >C10-C28	<20.0	20.0	08/27/2014	ND	203	101	200	2.87	

Surrogate: 1-Chlorooctane 123 % 65.2-140

Surrogate: 1-Chlorooctadecane 147 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DIVERSIFIED FIELD SERVICES, INC.
NATALIE GLADDEN
P. O. BOX 5966
HOBBS NM, 88241
Fax To: (575) 393-2981

Received:	08/22/2014	Sampling Date:	08/22/2014
Reported:	08/28/2014	Sampling Type:	Soil
Project Name:	BURGUNDY OIL & GAS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CHILDRRESS ROAD LEAK		

Sample ID: SW 3 SOUTH (H402594-03)

BTEx 8021B		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2014	ND	1.89	94.6	2.00	2.67	
Toluene*	<0.050	0.050	08/27/2014	ND	1.74	87.0	2.00	2.01	
Ethylbenzene*	<0.050	0.050	08/27/2014	ND	1.99	99.5	2.00	3.12	
Total Xylenes*	<0.150	0.150	08/27/2014	ND	5.95	99.2	6.00	3.35	
Total BTEx	<0.300	0.300	08/27/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 89.4-126

Chloride, SM4500CI-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	08/26/2014	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	08/27/2014	ND	200	100	200	3.05	
DRO >C10-C28	10.4	10.0	08/27/2014	ND	215	108	200	5.60	

Surrogate: 1-Chlorooctane 128 % 65.2-140

Surrogate: 1-Chlorooctadecane 146 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

DIVERSIFIED FIELD SERVICES, INC.
NATALIE GLADDEN
P. O. BOX 5966
HOBBS NM, 88241
Fax To: (575) 393-2981

Received:	08/22/2014	Sampling Date:	08/22/2014
Reported:	08/28/2014	Sampling Type:	Soil
Project Name:	BURGUNDY OIL & GAS	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	CHILDRRESS ROAD LEAK		

Sample ID: SW 4 WEST (H402594-04)

BTX 8021B		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2014	ND	1.89	94.6	2.00	2.67	
Toluene*	<0.050	0.050	08/27/2014	ND	1.74	87.0	2.00	2.01	
Ethylbenzene*	<0.050	0.050	08/27/2014	ND	1.99	99.5	2.00	3.12	
Total Xylenes*	<0.150	0.150	08/27/2014	ND	5.95	99.2	6.00	3.35	
Total BTX	<0.300	0.300	08/27/2014	ND					

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

Chloride, SM4500CI-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	08/26/2014	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/27/2014	ND	200	100	200	3.05	
DRO >C10-C28	<10.0	10.0	08/27/2014	ND	215	108	200	5.60	

Surrogate: 1-Chlorooctane 138 % 65.2-140

Surrogate: 1-Chlorooctadecane 156 % 63.6-154

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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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Celey D. Keene, Lab Director/Quality Manager



ANALYSIS REQUEST

#54

DIVERSIFIED FIELD SERVICES, INC.

Project: Chicness Road Lk.

Date Started: 8-25-14

Seed and lbs used: 2 pc 50#

Date Completed: 8-25-14

Supervisor Mik [Signature]

Bamert Seed Company Inc.

1897 CR 1018 Muleshoe, TX 79347

(800) 262-9892

Permit # TX00905

LPC Sand Shinery W/Fourwing & Ragweed 650#

INV53965

Description	Pure Seed	Germ	Dormant	Hard Seed	Origin
Bluestem, Big "Kaw" (Andropogon gerardii)	16.62%	95.00%	0.00%	0.00%	TX
Bluestem, Little "Cimarron" (Schizachyrium scoparium)	8.00%	90.00%	0.00%	0.00%	TX
Bluestem, Sand "Woodward" (Andropogon hallii)	13.80%	95.00%	0.00%	0.00%	TX
Bristlegrass, Plains, "VNS" (Setaria vulpiseta)	14.48%	90.00%	0.00%	0.00%	TX
Coreopsis Plains (Coreopsis tinctoria)	5.39%	97.00%	0.00%	0.00%	TX
Dropseed, Sand, "VNS" (Sporobolus cryptandrus)	2.68%	95.00%	3.00%	0.00%	TX
Fourwing saltbush, "VNS" (Atriplex canescens)	15.59%	52.00%	15.00%	0.00%	NM
Ragweed, Western (Ambrosia L.)	6.79%	80%	68.00%	0.00%	KY
Purity: 83.35%	Inert Matter: 10.31%	Other Crop Seed: 6.32%	Weed Seed: 0.02%		

Noxious Weeds: None

Test Date: 02/2014

Net Wt: 25.00 lbs

Bamert Seed Company Inc.

1897 CR 1018 Muleshoe, TX 79347

(800) 262-9892

Permit # TX00905

LPC Sand Shinery with Ragweed and Saltbush 800

INV53471

Bulk #

Description	Pure Seed	Germ	Dormant	Origin
Bluestem, Big "Kaw" (Andropogon gerardii)	16.49%	95.00%	0.00%	TX
Bluestem, Little "Cimarron" (Schizachyrium scoparium)	7.92%	90.00%	8.00%	TX
Bluestem, Sand "Woodward" (Andropogon hallii)	13.68%	95.00%	0.00%	TX
Bristlegrass, Plains, "VNS" (Setaria vulpiseta)	14.93%	83.00%	4.00%	TX
Coreopsis Plains (Coreopsis tinctoria)	5.46%	97.00%	0.00%	TX
Dropseed, Sand, "VNS" (Sporobolus cryptandrus)	2.74%	95.00%	3.00%	TX
Fourwing saltbush, "VNS" (Atriplex canescens)	15.48%	52.00%	15.00%	NM
Ragweed, "Western" (Ambrosia L.)	6.71%	9.00%	68.00%	KY
Purity: 83.41%	Inert Matter: 10.19%	Other Crop Seed: 6.37%	Weed Seed: 0.03%	

Noxious Weeds: None

Test Date: 01/2014

Net Wt: 25.00 lbs

From: [Oberding, Tomas, EMNRD](#)
To: [Rebecca Pons](#)
Subject: RE: Burgundy -Childress Road Leak
Date: Thursday, August 07, 2014 2:51:05 PM

Aloha Ms. Pons,

Thank you again for updating the work proposal for this event.

NMOCD approved the current proposal as written and discussed.

Please keep me informed of any updates to the situation.

Mahalo
-Doc

Tomáš 'Doc' Oberding, PhD
Environmental Specialist – New Mexico Oil Conservation Division
Energy, Minerals and Natural Resources Department
1625 N. French Dr.
Hobbs, NM 88240
(O): (575) 393-6161 ext 111
(C): 575-370-3180
(F): (575) 393-0720
E-Mail: tomas.oberding@state.nm.us
Website: <http://www.emnrd.state.nm.us/ocd/>

From: Rebecca Pons [mailto:rpons@diversifiedfsi.com]
Sent: Thursday, August 07, 2014 2:27 PM
To: Oberding, Tomas, EMNRD; Robertson, Jeffery
Cc: Michael Burton
Subject: Burgundy -Childress Road Leak

Good Afternoon,
After further review by our Senior Project Manager and conferring with the BLM; I have made a few revisions to our POA. I have also attached the Field soil analyses for your convenience. This additional information will assist you in observation, and in how we arrived at our plan. Hopefully this will be in the best interest of all concerned parties. Please advise me if you concur or if there any additional concerns.
Have a great afternoon!

Rebecca Pons
Project Scientist
DFSI Environmental Division
Phone (575)964-8394

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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-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: Burgundy Oil and Gas of New Mexico	Contact: Ben Taylor	
Address: 401 W Texas Suite 1003 Midland, TX 79701	Telephone No. 432-684-4033	
Facility Name: Childress Road Leak	Facility Type: Gas Production	
Surface Owner Federal	Mineral Owner Federal	API No. 30-025-64319 (nearest facility)

LOCATION OF RELEASE

Unit Letter	Section 3	Township 20S	Range 36E	Feet from the	North/South Line	Feet from	East/West Line	County Lea
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Latitude: 32.60033 Longitude -103.34065

NATURE OF RELEASE

Type of Release: Produced water/crude	Volume of Release unknown	Volume Recovered unknown
Source of Release: Flowline	Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? DFSI Mike Burton SR Project Manager	
By Whom? Ben Taylor	Date and Hour: 07/23/14 3:29	
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.* NA		
Describe Cause of Problem and Remedial Action Taken.* A rupture occurred in a Flow line located off of the Childress lease road.		
Describe Area Affected and Cleanup Action Taken. This created an impact to pasture area measuring 2,657 sq. ft. DFSI was retained to remediate the site. Remediation efforts have been completed, and the pasture area restored to its natural state per BLM requirements.		
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: Ben Taylor	OIL CONSERVATION DIVISION	
Printed Name: Ben Taylor		
Title: Field Foreman	Approval Date:	Expiration Date:
E-mail Address: btaylor.bogi@att.net	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 08/05/14 Phone: 432-557-2684		

* Attach Additional Sheets If Necessary