
BURGUNDY OIL & GAS OF NEW MEXICO, INC.



Ben Taylor

Childress Lease Road

REMEDIATION PLAN

API No. 30-025-04176-00-00

1RP-3212

Release Date: 07/22/2014

Section 3 Township 20 South, Range 36

East

August 05, 2014

Prepared by:

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



Diversified Field Service, Inc.

Environmental Department

206 W Snyder

Hobbs, NM 88240

Phone: (575)964-8394

Fax: (575)964-8396

Tuesday August 5, 2014

Tomas Oberding, PhD
Environmental Specialist
1625 N. French Dr.
Hobbs, NM 88240

RE: **Burgundy Flowline- Remediation Plan**
Childress Road
Section 3, T20S-
R36E API
30-025-04176-00-00

Mr. Oberding,
Burgundy Oil and Gas of New Mexico has retained Diversified Field Services, Inc. (DFSi) to address environmental issues for the site detailed herein.

This site is located in Lea County. The incident occurred as a result of a flowline that runs adjacent to the Childress Lease Road. Sometime before July 22, 2014 a 2" flowline ruptured and fluid traversed at a downward slope, pooling at the bottom of a hill then north approximately 200 ft. Impact was more significant in and around the pooled area. The impacted area totaled 2,657 sq. ft. of primarily pasture area. DFSi has attached the corresponding C-141 to the NMOCD for this incident.

DFSi has conducted a groundwater study of the area and has determined that according to the New Mexico Office of the State Engineer there is no verifiable record of groundwater in the immediate vicinity. Therefore, no eminent danger of groundwater impact or threat to life is anticipated.

Site Delineation

On July 22, 2014 DFSi personnel visited the site to assess and delineate the site. Soil samples were taken from six points at 1ft. intervals by hand, and were field tested for Chlorides and Hydrocarbons. SP1 and SP2 were field tested at 1 ft. intervals to a depth of 3ft. respectively, and the chloride levels were determined to be acceptable at 2ft for SP1 at 774 mg/kg. A representative sample was taken of SP1 at 3ft. bgs and sent to a commercial laboratory for confirmation. The chloride analyses at this depth was 480 mg/kg. SP2 at 2ft. returned chloride levels of <16. mg/kg

The greatest areas of impact were for SP3 thru SP6 and the results from the commercial laboratory are as follows:

SP3 at 7 ft. bgs. for chloride was <16. However, field analysis revealed acceptable levels at 1ft. bgs.

SP4 at 9 ft. bgs. for chloride was <16.

SP5 at 7 ft. bgs. for chloride was <16.

SP6 at 9 ft. bgs. for chloride was <16.

(Please see attached field and laboratory analyses)



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Conclusion

DFS is proposing to excavate SP1 to 2 ft. bgs. SP2 and SP3 are to be excavated to 1ft. bgs., and backfilled. SP4 thru SP6 would be excavated to a depth of 4ft. bgs., lined with a 20 mil. liner, and backfilled. All contaminants are to be removed to an NMOCD approved facility. The entire site excavation would then be contoured and seeded with a native seed mixture per BLM guidelines.

Thank you for allowing DFSI to assist you in this matter. Please call me with any questions and/or comments.

Sincerely,

Natalie Gladden
Environmental Director
Diversified Field Service, Inc.
315 S. Leech
Hobbs, NM 88240
Office: (575)964-8394
Mobile: (575)602.1786
Fax: (575)964-8396

Attachments:

- C-141
- Site Photographs
- Site Diagram
- Labs

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. 30-025-04176-00-00(nearest facility)
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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.

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>	
	Approved by Environmental Specialist:	
Printed Name: Ben Taylor	Approval Date:	Expiration Date:
Title: Field Foreman	Conditions of Approval:	
E-mail Address: btaylor.bogi@att.net	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



Impacted area facing west 07/22/14



Impacted area facing north 07/22/14

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

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



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:	CHILDRESS ROAD LEAK		

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

Chloride, SM4500Cl-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, 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: SP3 @ 7' (H402253-03)

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 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	

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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

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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> <u>Burgundy</u> Project Manager: <u>Ben Taylor</u> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: _____ Project Location: <u>Fluorine Leak childrens rd ket</u> Sampler Name: <u>Michael Alvar</u> <small>FOR LAB USE ONLY</small>		BILL TO	
P.O. #: _____ Company: <u>D E S I</u> Attn: <u>Native Gladden</u> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		ANALYSIS REQUEST	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
<u>H407253</u>	<u>SP. 103'</u>		<u>1</u>	<input checked="" type="checkbox"/>						<u>7/24/14</u>	<u>7:30</u>	<input checked="" type="checkbox"/>
<u>1</u>	<u>SP. 202'</u>		<u>1</u>	<input checked="" type="checkbox"/>						<u>7/22/14</u>	<u>8:00</u>	<input checked="" type="checkbox"/>
<u>2</u>	<u>SP. 307'</u>		<u>1</u>	<input checked="" type="checkbox"/>						<u>7/22/14</u>	<u>8:15</u>	<input checked="" type="checkbox"/>
<u>3</u>	<u>SP. 409'</u>		<u>1</u>	<input checked="" type="checkbox"/>						<u>7/22/14</u>	<u>8:25</u>	<input checked="" type="checkbox"/>
<u>4</u>	<u>SP. 507'</u>		<u>1</u>	<input checked="" type="checkbox"/>						<u>7/22/14</u>	<u>8:50</u>	<input checked="" type="checkbox"/>
<u>5</u>	<u>SP. 609'</u>		<u>1</u>	<input checked="" type="checkbox"/>						<u>7/22/14</u>	<u>9:30</u>	<input checked="" type="checkbox"/>

Relinquished By: <u>[Signature]</u> Date: <u>7/23/14</u> Time: <u>2:40</u> Received By: <u>[Signature]</u>		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: <u>[Signature]</u> <small>(Initials)</small>
Relinquished By: _____ Date: _____ Time: _____ Received By: _____		Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: _____ <small>(Initials)</small>

Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____	REMARKS: E-mail Results To: Ngladden@diversifiedfsi.com Rpons@diversifiedfsi.com Tjennings@diversifiedfsi.com
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