

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	Elm Ridge Exploration CO LLC	Contact	Amy Archuleta
Address	PO BOX 156 Bloomfield NM 87413	Telephone No.	505-632-3476
Facility Name	New Mexico State #1	Facility Type	Oil Well

Surface Owner State Of New Mexico	Mineral Owner State of New Mexico	API No.	30-045-23524
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	32	24N	08W	790	South	1750	EAST	SAN JUAN

Latitude 36.2657623 Longitude -107.7021332

NATURE OF RELEASE

Type of Release	Frac Fluid from WPX well fracturing.	Volume of Release	10 bbls	Volume Recovered	10 bbls
Source of Release		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?	Charlie Perrin / AZTEC OCD		
By Whom?	Terry Lindeman	Date and Hour	10-19-15 around 10 am.		
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.*

OIL CONS. DIV DIST. 3

NOV 06 2015

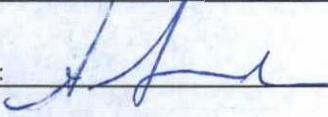
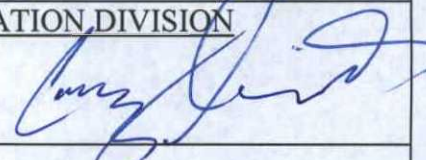
Describe Cause of Problem and Remedial Action Taken.*

This well was to be previously plugged by Elm Ridge Exploration Co LLC. We set the first cement plug from 6419' to 5890'. After further review of the lease contract with WPX we offered them the existing wellbore. We have been waiting for an answer from WPX and hadn't received one. WPX is currently fracturing the MC 5 COM 112H, 113H, 119H and 906H wells. When we were informed of the well leaking we immediately went to the location and hauled approximately 110 Cubic Yards of contaminated soil to Envirotech's landfarm. We also took a sample of the fluid and took it Halliburton Energy Services. The sample test for the water are attached.

Describe Area Affected and Cleanup Action Taken.*

The well leaked frac fluid on location. It was raining and the rain carried it slightly off location. (see attached map). NRE went to location and removed the contaminated soil.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 		OIL CONSERVATION DIVISION	
Printed Name: Amy Archuleta		Approved by Environmental Specialist: 	
Title: Sr. Regulatory Supervisor		Approval Date:	Expiration Date:
E-mail Address: aarchuleta@elmridge.net		Conditions of Approval: <u>Test Area</u>	
Date: 11-3-15 Phone: 505-632-3476 x 201		For <u>TPH (8015), BTEX (8021)</u>	
		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

#NCS 1533455576
AND Chlorides (300.0)

5

Google Maps 36°15'56.7"N 107°42'07.7"W



Imagery ©2015 DigitalGlobe, Map data ©2015 Google 50 ft

New Mexico State #1
36°15'56.7"N 107°42'07.7"W
50-045-23524

Amy Archuleta

From: Terry Lindeman
Sent: Thursday, October 29, 2015 12:27 PM
To: Amy Archuleta
Subject: FW: NMS - 1 - Water analysis

From: Lance Erdmann [<mailto:Lance.Erdmann@Halliburton.com>]
Sent: Wednesday, October 28, 2015 5:23 PM
To: Terry Lindeman
Subject: RE: NMS - 1 - Water analysis

Hi Terry,

The only real outlier I see from the testing is the bicarbs, which really isn't too terribly high. Based on this testing, and assuming they're running linear gel foamed system, it appears that it should work fine for a WPX frac.

Regards,

Lance Erdmann

District Technology Manager - Grand Junction

3199 D Rd
Grand Junction, CO 81504-6185
Email: lance.erdmann@halliburton.com
Office: +1 970-523-3829
Mobile: +1 505-360-9673

From: Terry Lindeman [<mailto:TLindeman@elmridge.net>]
Sent: Tuesday, October 27, 2015 11:47 AM
To: Lance Erdmann
Subject: [EXTERNAL] RE: NMS - 1 - Water analysis

Lance,
Could this be frac fluid you use for WPX.
Terry

From: Lance Erdmann [<mailto:Lance.Erdmann@Halliburton.com>]
Sent: Monday, October 26, 2015 4:48 PM
To: Terry Lindeman
Subject: NMS - 1 - Water analysis

Hi Terry,

It's come to my attention you're looking for a water analysis. Please find attached.

Call or email if you have any questions or concerns.

Thanks,

Lance Erdmann

District Technology Manager - Grand Junction

3199 D Rd

Grand Junction, CO 81504-6185

Email: lance.erdmann@halliburton.com

Office: +1 970-523-3829

Mobile: +1 505-360-9673

HALLIBURTON

Rockies, Farmington

Lab Results-PE

Job Information

Request ID	2018984/1	Rig Name		Date	20/OCT/2015
Submitted By	Natasha Yazzie	Job Type	Misc Pumping	Well	New Mexico State-1
Customer	Elm Ridge Resources Inc.	Location			

Well Information

Formation	Unknown	Depth MD	BHST
Pressure		Depth TVD	Cool Down Temperature

Fluid Results Request ID 2018984/ 1

Water Analysis, Request Test ID:30095119

Started By	Stopped By	Start Date	Start Time	Stop Date	Stop Time	Test Status	Attachment Count		
584952	584952	20/OCT/2015	2:17:15 PM	20/OCT/2015	2:19:11 PM	Finished	0		
Tank Number/Sour	Specific Gravity	pH	Chlorides (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Dissolved Iron (mg/L)	Potassium (mg/L)	Bicarbonates (mg/L)	Carbonates (mg/L)
ce 1	1.011	8.35	4377	170	10.8	2.45	400	364	40

Hydroxides (mg/L)	Sulfates (mg/L)	Sodium (mg/L)	TDS (mg/L)	Rw Resistivity (Ohms-Meter)	Temperature (°F)	% Water	% Oil	% Solids
0	65	2584	9590	0.748	64.6	100	0	0
Turbidity 1204FNU Conductivity 17.04mS/cm Color Grey								

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