

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

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

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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: Range Operating New Mexico, Inc.	Contact: Chris Garcia
Address: PO Box 1570, Eunice, NM 88231	Telephone No.: 575-394-1485
Facility Name: Grizzel No. 5 Recompletion	Facility Type: Oil & Gas

Surface Owner: Larry Slain/Range Resources, LLC	Mineral Owner	API No. 30-025-37163
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LOCATION OF RELEASE

Unit Letter J	Section 5	Township 22S	Range 37E	Feet from the 2310'	North/South Line FSL	Feet from the 1740'	East/West Line FEL	County Lea

Latitude _____ Longitude _____

WTR 70-75

NATURE OF RELEASE

Type of Release: Hydrocarbon and produced water.	Volume Released: Unknown Well hot oiled with 50 bbls.	Volume Recovered: 1 bbl.
Source of Release: Source of discharge was a stuffing box failure releasing it out across the pad and spraying onto surrounding off pad areas due to extremely high winds.	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 4/24/09 @ 1300 Hours
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Not Required	If YES, To Whom: Larry Johnson (NMOCD)	
By Whom? Cheryl Winkler (Kenny discovered spill.)	Date and Hour: 24 April 2009 Approx. 1400 Hours	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	
If a Watercourse was Impacted, Describe Fully.* N/A		


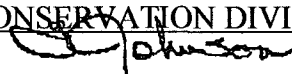
Describe Cause of Problem and Remedial Action Taken.*

The spill was caused by a stuffing box failure which caused discharged onto the pad and simultaneously projected a spray onto the surrounding terrain off the well pad. Accumulation of discharged fluids consisted of hydrocarbon and produced water. Only one barrel was recovered by Parker vacuum truck due to the saturation into the blow sand and the length of time it took to discover the spill. NMOCD was notified of the spill as soon as Cheryl Winkler was notified. Steve Almager called Parker Energy to bring in a backhoe and a dump truck to begin excavating the contaminated material and hauling it to disposal at Sundance.

Describe Area Affected and Cleanup Action Taken.*

The contaminated area is actively being excavated. Preliminary samples have been taken at 4' that are showing an infield value of 135,000 mg/k indicating that more material must be removed. Due to the size of the spill, the backhoe is not able to excavate efficiently as well as being limited to one haul truck and a single operator for both pieces of equipment. Range will call in more equipment to expedite the job and prevent further saturation. NMOCD is aware of the current conditions of the spill and monitoring it onsite.

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

Signature: 	OIL CONSERVATION DIVISION 	
Printed Name: Chris Garcia	Approved by District Supervisor ENVIRONMENTAL ENGINEER	
Title: Production Supervisor, NM	Approval Date: 5.1.09	Expiration Date: 7.1.09
E-mail Address: cgarcia@rangeresources.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 30 April 2009 Phone: 575-394-1485	IRP# 09.5.2171	

* Attach Additional Sheets If Necessary

FGRL 0912136129

Report Date: April 30, 2009
Grizzel #5

Work Order: 9042809
Grizzel #5 Spill

Page Number: 1 of 1

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MAY 01 2009

HOBBS

Summary Report

Chris Garcia
Range Operating-Eunice

Report Date: April 30, 2009

P. O. Box 1570
Eunice, NM 88231

Work Order: 9042809



Project Name: Grizzel #5 Spill
Project Number: Grizzel #5

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
194166	Spill Area Comp. NW End Excavation 4'	soil	2009-04-25	15:30	2009-04-28
194167	Spill Area Comp. S End Excavation 2'	soil	2009-04-25	15:45	2009-04-28
194168	Spill Area Comp. Middle Excavation 2'	soil	2009-04-25	16:00	2009-04-28

Sample - Field Code	BTEX				MTBE	TPH DRO	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
194166 - Spill Area Comp. NW End Excavation 4'	<0.0100	<0.0100	<0.0100	<0.0100		380	1.96
194167 - Spill Area Comp. S End Excavation 2'	<0.0200	<0.0200	<0.0200	0.132		5100	37.3
194168 - Spill Area Comp. Middle Excavation 2'	<0.0100	<0.0100	<0.0100	<0.0100		526	4.19

Sample: 194166 - Spill Area Comp. NW End Excavation 4'

Param	Flag	Result	Units	RL
Chloride		136000	mg/Kg	3.25

Sample: 194167 - Spill Area Comp. S End Excavation 2'

Param	Flag	Result	Units	RL
Chloride		136000	mg/Kg	3.25

Sample: 194168 - Spill Area Comp. Middle Excavation 2'

Param	Flag	Result	Units	RL
Chloride		136000	mg/Kg	3.25

Report Date: April 30, 2009
SCB #4

Work Order: 9042808
SCB #4 Cover Soil Stockpiles for Pad

Page Number: 2 of 2

Param	Flag	Result	Units	RL
Chloride		132000	mg/Kg	3.25

Sample: 194165 - Stockpile #4

Param	Flag	Result	Units	RL
Chloride		114000	mg/Kg	3.25

Mr. Chris Garcia
Area Production Supervisor, NM
Range Resources Corporation
PO Box 1570
Eunice, NM 88231

30 April 2009

Mr. Larry Johnson
OIL CONSERVATION DIVISION
1625 N. French Drive
Hobbs, NM 88240

Re: Grizzel No. 5 Recompletion Spill *Corrective Action Plan*
(API No.: 30-025-37163) U/L J S5 T22S R37E, 2310' FSL and 1740' FEL
NMOCD Spill Report No.:

Dear Mr. Johnson:

Range Operating Resources, Inc. (Range) herewith submits its (1) Initial C-141 and (2) *Corrective Action Plan* (CAP) for the hydrocarbon and produced water spill remediation at the Grizzel No. 5 located at the above cited area in Eunice, New Mexico. The time of the spill occurrence is unknown but estimated to be early on 24 April 2009 and was discovered by the pumper at 1300 Hrs. as reported by Steve Almager to Range.

The spill was allegedly caused by packing fatigue on the polishing rod (stuffing box) as a consequence of heat transferred from the polishing rod when the unit was left on the hand position following the process of hot oiling the well the day before. The spill produced basically a geyser effect in terms of its disposition on the ground. Most of the contaminated soil is located in the NNW quadrant and ran to the southern edge of the pad.

Parker Energy vacuum truck came to location and reported that only one barrel of liquid could be sucked up. It is estimated that the spill rapidly absorbed into the blow sand due to (1) the high anticipated volume and the fact that (2) the spill was not discovered early enough to prevent saturation. Preliminary infield estimates range from 40 to 70 barrels spilled. Surface calculations in this case do not provide an accurate picture due to the geological and spill conditions. Thus, the actual spill size shall be estimated following excavation.

Excavation of the contaminated material began immediately and all material was hauled to Sundance disposal facility. NMOCD will be notified as soon as possible regarding the total volumes and contamination conditions. Samples were taken at approximately 4 feet and sent to Trace Analysis, which reported 135,000 mg/k soil chlorides. No hydrocarbon values are available at this time but will be reported in the *Final Remediation Report*.

Range will continue excavate the contaminated soil from the spill site, reporting progress toward final remediation to the NMOCD on a daily basis. Once soil chloride and hydrocarbon levels for final sampling have been reached, Range will sample the site and report to NMOCD for closure. Should you have questions please call the office (575-394-1485).

Sincerely,

A handwritten signature in cursive script, appearing to read "Chris Garcia".

Chris Garcia
Production Supervisor for New Mexico

Enclosure: C-144 Initial