

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

28 December 2007

Mr. Chris Williams  
OIL CONSERVATION DIVISION  
1625 N. French Drive  
Hobbs, NM 88240

Re: Grizzell B No. 5 Battery *Final Remediation Report*  
(API No.: 30-025-36228 U/L H S8 T22S R37E)

**RECEIVED**

JAN - 7 2008

**HOBBS OCD**

Dear Mr. Williams:

Pursuant to our *Corrective Action Work Plan* submitted to and approved by you on 19 December 2007, Range Operating New Mexico, Inc. herewith submits our *Final Remediation Report* for the hydrocarbon fluid release discovered on 11 December 2007 along with the final C-141 report form for your files.

Please be advised that Range has engaged in the onsite remediation of this minor amount (10 bbls) of remaining hydrocarbon fluid, most of which was contained within the berms of the battery and removed. The localized overspray area just east of the berms and across the roadbed was found to be simple to remediate onsite due to the fact that the penetration depth of the hydrocarbon fluid remained consistent with estimates of a few inches (2" – 4" average). The road area was only a dusting.

All contaminated materials were mixed in with the natural soil (sandy clay) and with the exception of one area, remediated down to less than 250 ppm which was determined by infield sampling at this point. Following this action, site samples were obtained to legally verify the mix and shipped to Trace Analysis, Inc.. The laboratory analyticals were reported as less than 50 ppm, 52.8 ppm, 97.8 ppm and in one case, 293 ppm. Once the remediation had been completed, the disturbed terrain was returned to match the contour of the adjacent lands and seeded with a local mix suggested by BLM.

For report compliance purposes, the above presented laboratory data from Trace Analysis, Inc. will be available on your email not later than 7 January. Currently only verbal communication has been received from the laboratory regarding these results due to holiday overloads.

Thank you for your consideration of our cleanup process. Should you have questions, please call 575-394-1485 (office).

Sincerely,



Chris Garcia  
Area Production Supervisor

Enclosure: Final Form C-1

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 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	Contact: Chris Garcia
Address: PO Box 1570, Eunice, NM 88231	Telephone No.: 575-394-1485
Facility Name: Grizzell B No. 5 Battery	Facility Type: Oil
Surface Owner: Range Operating New Mexico	Mineral Owner: API No.: 30-025-36228

**LOCATION OF RELEASE**

Unit Letter H	Section 8	Township 22S	Range 37E	Feet from the 1980	North/South Line FNL	Feet from the 810	East/West Line FEL	County Lea
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Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

**NATURE OF RELEASE**

Type of Release: Oil with < 2% Produced Water	Volume of Release: 40 bbls	Volume Recovered: 30 bbls
Source of Release: Well Test Heater Treater gas line froze pressuring up HT, causing hammer union to leak.	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 12-11-2007
Was Immediate Notice Given? X Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Larry Johnson NMOCD	
By Whom? Chris Garcia	Date and Hour: 12-11-2007 at 1700 Hours	
Was a Watercourse Reached? <input type="checkbox"/> Yes X 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.\*

See Initial C-141 Report filed on 12-12-2007.

Describe Area Affected and Cleanup Action Taken.\*

See *Corrective Action Work Plan* and *Final Remediation Report* filed with NMOCD.

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>Chris Garcia</i>	OIL CONSERVATION DIVISION	
Printed Name: Chris Garcia	Approved by District Supervisor <i>Larry Johnson</i> ENVIRONMENTAL ENGINEER	
Title: Area Production Supervisor for Eunice/Loving, NM	Approval Date: 1-7-08	Expiration Date: —
E-mail Address: cgarcia@rangeresources.com	Conditions of Approval: —	Attached <input type="checkbox"/> —
Date: 12-28-2007	Phone: 575-394-1485	

\* Attach Additional Sheets If Necessary

RP# 1708

## Summary Report

Range Operating-Eunice  
P. O. Box 1570  
Eunice, NM, 88231

Report Date: January 7, 2008

Work Order: 8010301



Project Name: Grizelle B Battery Spill

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
146774	N 1/4 Eastside area	soil	2007-12-28	16:00	2008-01-03
146775	S 1/4 Eastside area	soil	2007-12-28	13:20	2008-01-03
146776	E 1/4 Eastside area	soil	2007-12-28	13:50	2008-01-03
146777	W 1/4 Eastside area	soil	2007-12-28	14:20	2008-01-03
146778	Roadside Composite #1	soil	2007-12-28	14:50	2008-01-03
146779	Roadside Composite #2	soil	2007-12-28	15:20	2008-01-03

Sample - Field Code	TPH DRO DRO (mg/Kg)	TPH GRO GRO (mg/Kg)
146774 - N 1/4 Eastside area	<50.0	<1.00
146775 - S 1/4 Eastside area	<50.0	<1.00
146776 - E 1/4 Eastside area	<50.0	<1.00
146777 - W 1/4 Eastside area	<50.0	<1.00
146778 - Roadside Composite #1	<50.0	<1.00
146779 - Roadside Composite #2	<50.0	<1.00

### Sample: 146774 - N 1/4 Eastside area

Param	Flag	Result	Units	RL
Chloride		52.8	mg/Kg	5.00

### Sample: 146775 - S 1/4 Eastside area

Param	Flag	Result	Units	RL
Chloride		<50.0	mg/Kg	5.00

### Sample: 146776 - E 1/4 Eastside area

Param	Flag	Result	Units	RL
Chloride		<50.0	mg/Kg	5.00

**Sample: 146777 - W 1/4 Eastside area**

Param	Flag	Result	Units	RL
Chloride		<50.0	mg/Kg	5.00

**Sample: 146778 - Roadside Composite #1**

Param	Flag	Result	Units	RL
Chloride		97.8	mg/Kg	5.00

**Sample: 146779 - Roadside Composite #2**

Param	Flag	Result	Units	RL
Chloride		293	mg/Kg	5.00