State of New Mexico Energy Minerals and Natural Resources

> Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

## RECEIVED

JUN 12 2009 Revis

Form C-141 Revised October 10, 2003

HOBBSOC District Office in accordance with Rule 116 on back side of form

						OPER	RATOR		X In	itial Report X Final Repo
Name of Co	ompany: R	ange Operat	ting New	Mexico, Inc.	(	Contact: Ch	nris Garcia			
		0, Eunice, N	M 88231				No.: 575-394-14	85		
Facility Nat	me: Grizz	ell B No. 3			]	Facility Typ	e: Oil & Gas			
Surface Owner: Mineral Own Larry Slain/Range Resources, LLC			)wner			(	API N	0. 30-025-26457		
				LO	CATI	ON OF R	ELEASE			
Unit Letter H	Section 8	Township 22S	Range 37E	Feet from the 1830'		South Line	Feet from the 510'		Vest Line EL	County Lea
			Lat	titude		_ Longitud		l		
					URE	OF REL	· · · · · · · · · · · · · · · · · · ·			
Type of Rele	ease: Hydro	carbon and pr	oduced wa	ater.		Volume Re 10 to 15 bt	eleased: Est.		Volume H	Recovered: 8 bbl.
	ut across th	e pad and spra		uffing box failure surrounding off p		1	Iour of Occurrenc Inknown	æ:		Hour of Discovery: @ 0915 Hours
Was Immedi		Given?	🗌 No	Not Required		If YES, To Whom: Larry Johnson (NMOCD)				
					Date and Hour: 1 June 2009 Approx. 1100 Hours					
By Whom?	Chervl Wir	ukler (Kenr	v Angel d	liscovered snill)		Date and F	Iour: 1 June 2009	Annro	x 1100 H	ours
By Whom? Was a Water			ny Angel d	liscovered spill.)						ours
If a Waterco	course Read urse was Im	ched? Ves pacted, Descr	X N ibe Fully. <sup>4</sup>	io * N	1/A		Iour: 1 June 2009 Solume Impacting 1 N/A			ours
Was a Water If a Waterco Describe Cau The spill w The polishi to the disch truck to beg Describe Ard As excavation than initially material had	course Read urse was Im use of Probl as caused t ng rod had arge. NM gin excavat ea Affected on proceeded estimated c been remov	ched? Ched? Pacted, Descr em and Reme by a stuffing accumulated OCD was no ting the conta and Cleanup / d, the contamin tue to saturation yed to elevate	X N ibe Fully. <sup>4</sup> dial Action box failu d scale or otified of aminated Action Tak nated area on into the NMOCD <sup>3</sup>	n Taken.* re which caused n it which due to the spill as soon material and ha ten.* was sampled and sand. Removal of s concerns with or	I dischat its pun as Che uling it NMOC of the ma	If YES, Vo rged onto th nping motio ryl Winkler to disposal D called into aterial occurro ce. Again, the	ne pad which the ne pad which the n caused contin was notified. S at Sundance. e evaluate the requert ed quickly and sa e problem was that	en rolle en rolle uous re teve Al uest for c mpling c at this ar	d along th moval of mager cal	e lease road off the pad area. the packing material leading led a backhoe and a dump he spill since it was much larger wed that the contaminated ner spills associated with it and
Was a Water If a Waterco Describe Cau The spill w The polishi to the disch truck to beg Describe Ard As excavation than initially material had cleanup mea history. Lard	course Read urse was Im use of Probl as caused t ng rod had arge. NM gin excavat ea Affected on proceeded estimated of been remov sures had to ry Johnson g ify that the	ched? Ched? pacted, Descr em and Reme by a stuffing accumulated OCD was no ting the conta and Cleanup / d, the contamin tue to saturation yed to elevate b e approved li gave authoriza information gi	X N ibe Fully. <sup>4</sup> dial Action box failu d scale or otified of aminated action Tak nated area on into the NMOCD <sup>3</sup> by the NM tion for cl	n Taken.* re which caused n it which due to the spill as soon material and ha cen.* was sampled and sand. Removal of s concerns with of IOCD since comp osure.	d discha o its pun o as Che uling it I NMOC of the ma ompliance for liance for lete to the	If YES, Vo rged onto the nping motio ryl Winkler to disposal D called into aterial occurrence. Again, the or the current	blume Impacting t N/A ne pad which the on caused contin was notified. S at Sundance. e evaluate the reque ed quickly and sa e problem was that spill had to be ap knowledge and u	en rolle euous re teve Al uest for c mpling c at this ar oproved	d along the moval of mager cal closure of t efforts show ea had forr by them or	e lease road off the pad area. the packing material leading led a backhoe and a dump he spill since it was much larger wed that the contaminated ner spills associated with it and asite due to the complexity of th
Was a Water If a Waterco Describe Cau The spill w The polishi to the disch truck to beg Describe Arr As excavation than initially material had cleanup mea history. Larr I hereby cert regulations a	course Read urse was Im use of Probl as caused t ng rod had arge. NM gin excavat ea Affected on proceeded estimated of been remov sures had to ry Johnson g ify that the ill operators	ched? Yes pacted, Descr em and Remee by a stuffing accumulated OCD was no ting the conta and Cleanup / d, the contamin tue to saturation yed to elevate be approved ligave authoriza information gi are required to	X N ibe Fully. <sup>4</sup> dial Action box failu d scale or otified of aminated action Tak nated area on into the NMOCD <sup>3</sup> by the NM tion for cl	n Taken.* re which caused n it which due to the spill as soon material and ha cen.* was sampled and sand. Removal of s concerns with of IOCD since comp osure.	d discha o its pun o as Che uling it I NMOC of the ma ompliance for liance for lete to the	If YES, Vo rged onto the nping motio ryl Winkler to disposal D called into aterial occurrence. Again, the or the current	blume Impacting t N/A ne pad which the on caused contin was notified. S at Sundance. evaluate the requed quickly and sa e problem was that spill had to be ap knowledge and u nd perform correct	en rolle euous re teve Al est for c mpling c at this ar oproved inderstar	d along the moval of mager cal closure of t efforts show ea had forr by them or id that purs- ions for rel	e lease road off the pad area. the packing material leading led a backhoe and a dump he spill since it was much larger wed that the contaminated ner spills associated with it and site due to the complexity of th suant to NMOCD rules and eases which may endanger
Was a Water If a Waterco Describe Cau The spill w The polishi to the disch truck to beg Describe Arc As excavation than initially material had cleanup mea history. Larr I hereby cert regulations a public health	course Read urse was Im use of Probl as caused I ng rod had arge. NM gin excavat ca Affected on proceeded estimated of been remov sures had to ry Johnson g ify that the all operators or the envi	ched? Yes pacted, Descr em and Remee by a stuffing accumulated OCD was no ting the conta and Cleanup / d, the contamin tue to saturation yed to elevate be approved ligave authoriza information gi are required to	X N ibe Fully. <sup>4</sup> dial Action box failu d scale or otified of aminated action Tak nated area on into the NMOCD <sup>3</sup> by the NM tion for cl	n Taken.* re which caused n it which due to the spill as soon material and ha cen.* was sampled and sand. Removal of s concerns with of IOCD since comp osure.	d discha o its pun o as Che uling it I NMOC of the ma ompliance for lete to the elease no	If YES, Vo rged onto the nping motio ryl Winkler to disposal D called into aterial occurre ce. Again, the or the current ne best of my otifications a	Plume Impacting to N/A ne pad which the on caused conting was notified. S at Sundance. e evaluate the reque ed quickly and sa e problem was that spill had to be ap knowledge and u nd perform correct OIL CON	en rolle en rolle teve Al test for c mpling of at this ar oproved understar ctive act	d along th moval of mager cal closure of t efforts show ea had forr by them or ions for rel ATION	e lease road off the pad area. the packing material leading led a backhoe and a dump he spill since it was much larger wed that the contaminated ner spills associated with it and asite due to the complexity of th suant to NMOCD rules and eases which may endanger DIVISION
Was a Water If a Waterco Describe Car The spill w The polishi to the disch truck to beg Describe Arc As excavatic than initially material had cleanup mea history. Lar I hereby cert regulations a public health Signature:	course Read urse was Im use of Probl as caused t ng rod had arge. NM gin excavat ea Affected on proceeded estimated of been remov sures had to ry Johnson g ify that the ill operators	ched? Pacted, Descr em and Reme by a stuffing accumulated OCD was no ting the conta and Cleanup / d, the contamin the to saturation red to elevate in be approved in gave authorization gives are required to ronment.	X N ibe Fully. <sup>4</sup> dial Action box failu d scale or otified of aminated action Tak nated area on into the NMOCD <sup>3</sup> by the NM tion for cl	n Taken.* re which caused n it which due to the spill as soon material and ha cen.* was sampled and sand. Removal of s concerns with of IOCD since comp osure.	d discha o its pun o as Che uling it I NMOC of the ma ompliance for lete to the elease no	If YES, Vo rged onto the nping motio ryl Winkler to disposal D called into aterial occurre ce. Again, the or the current ne best of my otifications a	Plume Impacting to N/A ne pad which the on caused conting was notified. S at Sundance. e evaluate the reque ed quickly and sa e problem was that spill had to be ap knowledge and u nd perform correct OIL CON	en rolle en rolle teve Al test for c mpling of at this ar oproved understar ctive act	d along th moval of mager cal closure of t efforts show ea had forr by them or ions for rel ATION	e lease road off the pad area. the packing material leading led a backhoe and a dump he spill since it was much larger wed that the contaminated ner spills associated with it and asite due to the complexity of th suant to NMOCD rules and eases which may endanger DIVISION
Was a Water If a Waterco Describe Car The spill w The polishi to the disch truck to beg Describe Ard As excavation than initially material had cleanup mea history. Larr I hereby cert regulations a public health Signature: Printed Na	course Read urse was Im use of Probl as caused the arge. NM gin excavate ea Affected on proceeded estimated of been removision and to ry Johnson and ify that the all operators or the envi	ched? Pacted, Descr em and Reme by a stuffing accumulated OCD was no ting the conta and Cleanup / d, the contamin the to saturation red to elevate in be approved in gave authorization gives are required to ronment.	X N ibe Fully. <sup>4</sup> dial Action box failu d scale or otified of t aminated Action Tak nated area on into the NMOCD' by the NM tion for cl iven above o report ar	n Taken.* re which caused n it which due to the spill as soon material and ha cen.* was sampled and sand. Removal of s concerns with of IOCD since comp osure.	I discha its pun as Che uling it I NMOC of the ma ompliance for lete to the elease no	If YES, Vo rged onto the nping motio ryl Winkler to disposal D called into aterial occurrent or the current ne best of my otifications and Approved by	blume Impacting t N/A ne pad which the on caused contin was notified. S at Sundance. evaluate the requed quickly and sa e problem was that spill had to be ap knowledge and u nd perform correct	en rolle uous re teve Al lest for c mpling c at this ar oproved mderstar ctive act SERV	d along th moval of mager cal closure of t efforts show ea had forr by them or ions for rel ATION	e lease road off the pad area. the packing material leading led a backhoe and a dump he spill since it was much larger wed that the contaminated ner spills associated with it and asite due to the complexity of the suant to NMOCD rules and eases which may endanger <u>DIVISION</u>
Was a Water If a Waterco Describe Car The spill w The polishi to the disch truck to beg Describe Ar As excavation than initially material had cleanup mea history. Lar I hereby cert regulations a public health Signature: Printed Na	urse was Im use of Probl as caused the ag rod had arge. NM gin excavate ea Affected on proceeded estimated of been removes sures had to ry Johnson g ify that the all operators or the envi	ched? Yes pacted, Descr em and Remee by a stuffing accumulated OCD was no ting the conta and Cleanup / d, the contamin tue to saturation yed to elevate 1 be approved to gave authorization information gives a study are required to ronment.	X N ibe Fully. <sup>4</sup> dial Action box failu d scale or otified of f aminated action Tak nated area on into the NMOCD <sup>2</sup> by the NM tion for cl iven above o report ar	n Taken.* re which caused it which due to the spill as soon material and ha cen.* was sampled and sand. Removal of s concerns with ca IOCD since comp osure. e is true and comp nd/or file certain r	I discha its pun as Che uling it I NMOC of the ma ompliance for lete to the elease not plate to the lete as a not lete as	If YES, Vo rged onto the nping motio ryl Winkler to disposal D called into aterial occurrent or the current ne best of my otifications and Approved by	blume Impacting to N/A he pad which the on caused conting was notified. S at Sundance. b evaluate the requence of quickly and sa e problem was that spill had to be approved knowledge and und nd perform correct OIL CON District Enterprise te: 6.12.0	en rolle uous re teve Al lest for c mpling c at this ar oproved mderstar ctive act SERV	d along the moval of mager cal closure of t closure closure of closure closure c	e lease road off the pad area. the packing material leading led a backhoe and a dump he spill since it was much larger wed that the contaminated ner spills associated with it and asite due to the complexity of the suant to NMOCD rules and eases which may endanger <u>DIVISION</u>

RECEIVED

JUN 1 2 2009 HOBBSOCD

JUN 1 2 2009

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

10 June 2009

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

Re: Grizzel B No. 3 Spill Corrective Action Plan / Final Remediation Report (API No.: 30-025-26457) U/L H S8 T22S R37E, 18300' FNL and 510' FEL NMOCD Spill Report No.: OQ.6.2207

Dear Mr. Johnson:

Range Operating Resources, Inc. (Range) herewith submits its (1) Initial / Final C-141 and (2) *Corrective Action Plan* (CAP) / *Final Remediation Report* (FRR) for the hydrocarbon and produced water spill remediation at the Grizzel B No. 3 located at the above cited area in Eunice, New Mexico. The time of the spill occurrence is unknown but was discovered by the pumper at 0915 Hrs. as reported by Steve Almager to Range.

The spill was caused by a stuffing box failure, which caused discharged onto the pad which then rolled along the lease road off the pad area. The polishing rod had accumulated a ring of scale on it, which due to its pumping motion caused continuous removal of the packing material leading to the discharge. NMOCD was notified of the spill as soon as Cheryl Winkler was notified. Steve Almager called a backhoe and a dump truck to begin excavating the contaminated material and hauling it to disposal at Sundance.

As excavation proceeded, the contaminated area was sampled and NMOCD was called into evaluate the request for closure of the spill since it was much larger than initially estimated due to saturation into the sand. Removal of the material occurred quickly and sampling efforts showed that the contaminated material had been removed in compliance with NMOCD's regulations. Again, the problem was that this area had former spills associated with it and cleanup measures had to be approved by the NMOCD since compliance for the current spill was associated with the complexity of the history.

Range therefore herewith notifies NMOCD that the location is again in operation. Sample analyticals are attached for your files.

Should you have questions please call the office (575-394-1485).

Sincerely,

-

.

Υ.

Chini Desar

.

Chris Garcia Production Supervisor for New Mexico

Enclosure: C-144 Initial

Report Date: June 8, 2009 Grizzel #3 Spill Work Order: 9060837 Spill Cleanup @ 1' Composite

### **Summary Report**

Cheryl Winkler Range Operating-Eunice

P. O. Box 1570

Eunice, NM 88231

Report Date: June 8, 2009

COPY

Page Number: 1 of 1

Work Order: 9060837

Project Name: Spill Cleanup @ 1' Composite Project Number: Grizzel #3 Spill

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
198208	Cleanup @ 1' N Side	soil	2009-06-03	18:20	2009-06-08
198209	Cleanup @ 1' S Side	soil	2009-06-03	18:45	2009-06-08
198210	Cleanup @ 1' W Side	soil	2009-06-03	19:00	2009-06-08

### Sample: 198208 - Cleanup @ 1' N Side

Param	Flag	Result	Units	RL
Chloride		96.4	mg/Kg	3.25

### Sample: 198209 - Cleanup @ 1' S Side

Param	$\mathbf{Flag}$	Result	Units	$\mathbf{RL}$
Chloride		39.3	mg/Kg	$3.\overline{25}$

#### Sample: 198210 - Cleanup @ 1' W Side

Param	Flag	Result	Units	$\operatorname{RL}$
Chloride		2380	mg/Kg	$3.\overline{25}$

Report Date: June 9, 2009 Grizzel #3 Spill

:7

Work Order: 9060838 Spill Final Cleanup @ 2'-3' Composites

### **Summary Report**

Chris Garcia Range Operating-Eunice

P. O. Box 1570 Eunice, NM 88231

Project Name: Spill Final Cleanup @ 2'-3' Composites Project Number: Grizzel #3 Spill

			Date	$\mathbf{Time}$	Date
Sample	Description	Matrix	Taken	Taken	Received
198211	Final Clean-Up @ 2'-3' E Side	soil	2009-06-04	15:00	2009-06-08
198212	Final Clean-Up @ 2'-3' W Side	soil	2009-06-04	15:15	2009-06-08
198213	Final Clean-Up @ 2'-3' N Side	soil	2009-06-04	15:30	2009-06-08
198214	Final Clean-Up @ 2'-3' S Side	soil	2009-06-04	15:45	2009-06-08

		BTEX			MTBE	TPH DRO	TPH GRO
	Benzene	Toluene	Ethylbenzene	Xylene	MTBE	DRO	GRO
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
198211 - Final Clean-Up @ 2'-3' E Side	< 0.0200	< 0.0200	<0.0200	< 0.0200		<50.0	<2.00
198212 - Final Clean-Up @ 2'-3' W Side	<0.0200	< 0.0200	< 0.0200	< 0.0200		$<\!50.0$	$<\!2.00$
198213 - Final Clean-Up @ 2'-3' N Side	< 0.0200	< 0.0200	< 0.0200	< 0.0200		<50.0	$<\!2.00$
198214 - Final Clean-Up @ 2'-3' S Side	< 0.0200	< 0.0200	< 0.0200	< 0.0200		<50.0	<2.00

### Sample: 198211 - Final Clean-Up @ 2'-3' E Side

Param	Flag	Result	Units	$\mathbf{RL}$
Chloride		<32.5	mg/Kg	3.25

### Sample: 198212 - Final Clean-Up @ 2'-3' W Side

Param	Flag	Result	Units	$\operatorname{RL}$
Chloride		<32.5	mg/Kg	3.25

### Sample: 198213 - Final Clean-Up @ 2'-3' N Side

TraceAnalysis, Inc. • 6701 Aberdeen Ave., Suite 9 • Lubbock, TX 79424-1515 • (806) 794-1296 This is only a summary. Please, refer to the complete report package for quality control data.

Report Date: June 9, 2009

# Work Order: 9060838

Report Date: June 9, 2009 Grizzel #3 Spill		Work Order: 9060838 ill Final Cleanup @ 2'-3' Com	Page Number: 2 of 2	
Param	Flag	Result	Units	$\mathbf{RL}$
Chloride		<32.5	mg/Kg	3.25
Sample: 198214 - Fina	-		<b>.</b>	
Param	$\operatorname{Flag}$	Result	Units	RL
Chloride		<32.5	mg/Kg	3.25

...