

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

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FEB 04 2010  
HOBBSOCD

*L. Johnson*  
ENVIRONMENTAL ENGINEER  
2-4-10  
APPROVED - Final

20 January 2010

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

Re: Etcheverry No. 1 Plugged and Abandoned Well Location Closure  
(API No.: 30-025-04209) U/L G S10 T20S R36E, 2310' FNL 1650' FEL

Dear Mr. Johnson:

Range Operating New Mexico, Inc. (Range) herewith notifies the New Mexico Oil Conservation Division (NMOCD) that final closure of the Etcheverry No. 1 location has been completed with the exception of reseeding which shall occur in early spring 2010. Seeding shall be in compliance with the BLM seed mixture, even though it isn't a federal location because these seed mixtures are well established and appropriate for the area.

Approximately 60 yards of contaminated material was removed from the location and hauled to Sundance Disposal facility predicated on the infield analyticals resulting from sampling prior to actual infield operations. Once this contaminated material was removed, samples were again taken and sent to Trace Analysis for laboratory analyses. It was found that the area north of the P&A marker needed further excavation showing 1060 mg/Kg of soil chlorides. Also, the areas of hydrocarbon concern, while minimal, given the depth to groundwater in this area ranging from 75' to 80' were removed and also hauled to disposal. These analytical results are attached for your information.

Please notify us (575-394-1485) should you have questions regarding the above information.

Sincerely,

*Chris Garcia*

Chris Garcia  
Area Production Supervisor, NM

# Summary Report

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Cheryl Winkler  
Range Operating-Eunice

Report Date: January 18, 2010

P. O. Box 1570  
Eunice, NM 88231

Work Order: 10011514



Project Name: Drilling Pad Closure  
Project Number: Etcheverry

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
219603	N @ 1'	soil	2010-01-13	08:00	2010-01-15
219604	S @ 1'	soil	2010-01-13	08:15	2010-01-15
219605	E @ 1'	soil	2010-01-13	08:30	2010-01-15
219606	W @ 1'	soil	2010-01-13	08:45	2010-01-15
219607	Far N @ 1'	soil	2010-01-13	09:00	2010-01-15
219608	N @ 3'	soil	2010-01-13	09:25	2010-01-15
219609	S @ 3'	soil	2010-01-13	09:40	2010-01-15
219610	E @ 3'	soil	2010-01-13	09:55	2010-01-15
219611	W @ 3'	soil	2010-01-13	10:10	2010-01-15
219612	Far N @ 3'	soil	2010-01-13	10:25	2010-01-15
219613	Stockpile Caliche (Comp.)	soil	2010-01-13	10:40	2010-01-15

Sample - Field Code	BTEX				MTBE	TPH DRO - NEW	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
219603 - N @ 1'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
219604 - S @ 1'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
219605 - E @ 1'	<0.100	<0.100	<0.100	<0.100		168	<10.0
219606 - W @ 1'	<0.100	<0.100	<0.100	<0.100		76.7	<10.0
219607 - Far N @ 1'	<0.100	<0.100	<0.100	<0.100		<50.0	<10.0
219608 - N @ 3'	<0.100	<0.100	<0.100	<0.100		50.5	<10.0
219609 - S @ 3'						<50.0	
219610 - E @ 3'	<0.200	<0.200	<0.200	<0.200		59.8	<20.0
219611 - W @ 3'	<0.100	<0.100	<0.100	<0.100		164	<10.0
219612 - Far N @ 3'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
219613 - Stockpile Caliche (Comp.)	<0.100	<0.100	<0.100	<0.100		134	<10.0

Sample: 219603 - N @ 1'

Param	Flag	Result	Units	RL
Chloride		<32.5	mg/Kg	3.25

**Sample: 219604 - S @ 1'**

Param	Flag	Result	Units	RL
Chloride		40.0	mg/Kg	3.25

**Sample: 219605 - E @ 1'**

Param	Flag	Result	Units	RL
Chloride		<65.0	mg/Kg	3.25

**Sample: 219606 - W @ 1'**

Param	Flag	Result	Units	RL
Chloride		54.2	mg/Kg	3.25

**Sample: 219607 - Far N @ 1'**

Param	Flag	Result	Units	RL
Chloride		<32.5	mg/Kg	3.25

**Sample: 219608 - N @ 3'**

Param	Flag	Result	Units	RL
Chloride		1060	mg/Kg	3.25

*REMOVED***Sample: 219609 - S @ 3'**

Param	Flag	Result	Units	RL
Chloride		178	mg/Kg	3.25

**Sample: 219610 - E @ 3'**

Param	Flag	Result	Units	RL
Chloride		82.8	mg/Kg	3.25

**Sample: 219611 - W @ 3'**

Param	Flag	Result	Units	RL
Chloride		<b>97.0</b>	mg/Kg	3.25

**Sample: 219612 - Far N @ 3'**

Param	Flag	Result	Units	RL
Chloride		<32.5	mg/Kg	3.25

**Sample: 219613 - Stockpile Caliche (Comp.)**

Param	Flag	Result	Units	RL
Chloride		<b>51.6</b>	mg/Kg	3.25

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## Summary Report

Chris Garcia  
Range Operating-Eunice

Report Date: January 22, 2010

P. O. Box 1570  
Eunice, NM 88231

Work Order: 10012108



Project Location: Etcheverry No. 1  
Project Name: Pad Closure Final Samples

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
220193	Comp. N & E	soil	2010-01-20	09:00	2010-01-21
220194	Comp. S & W	soil	2010-01-20	09:15	2010-01-21
220195	Comp. Background	soil	2010-01-20	09:30	2010-01-21

Sample - Field Code	BTEX				MTBE	TPH DRO - NEW	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
220193 - Comp. N & E	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
220194 - Comp. S & W	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
220195 - Comp. Background	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00

## Sample: 220193 - Comp. N &amp; E

Param	Flag	Result	Units	RL
Chloride		45.3	mg/Kg	3.25

## Sample: 220194 - Comp. S &amp; W

Param	Flag	Result	Units	RL
Chloride		55.0	mg/Kg	3.25

## Sample: 220195 - Comp. Background

Param	Flag	Result	Units	RL
Chloride		45.3	mg/Kg	3.25