

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

3 February 2010

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

Re: Elliott B Federal No.14 *Final Remediation Report*  
Plugged and Abandoned Well Location Closure  
(API No.: 30-025-37867) U/L A S7 T22S R37E, 330' FNL 660' FEL

Dear Mr. Johnson:

Range Operating New Mexico, Inc. (Range) herewith notifies the New Mexico Oil Conservation Division (NMOCD) and the Bureau of Land Management (BLM) that remediation of the Elliott B Federal No.14 well location has been completed.

Prior to infield implementation of closure operations, Range sampled the drilling pad to ensure all contaminated areas were identified for disposal. Consequently, a total of 1,194 yards (300 yds. wellhead area, 894 yds. pad) were identified as contaminated and hauled to disposal at Sundance Disposal facility. Attached are the analytical results from Trace Analysis showing the contaminated areas, which were removed, followed by samples verifying the area is now compliant with NMOCD regulations.

Seeding shall be in compliance with the BLM seed mixture for this area, which is Seed Mixture No. 2 and the BLM notified should they choose to witness infield application of the seed. However, current plans are to begin seeding as soon as possible after inclement weather has passed in order to take advantage of the remaining seasonal rainfall.


Please call (575-394-1485) should you have questions.

Sincerely,

Chris Garcia  
Area Production Supervisor, NM



Enclosures: Laboratory Analyticals  
Cc: Trisha Bad Bear (BLM)

  
ENVIRONMENTAL ENGINEER  
2.4.10  
APPROVED

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Report Date: December 23, 2009

Work Order: 9121821

Page Number: 1 of 2

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FEB 04 2010

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## Summary Report

Chris Garcia  
Range Operating-Eunice

Report Date: December 23, 2009

P. O. Box 1570  
Eunice, NM 88231

Work Order: 9121821

Project Name: Location Closure  
Project Number: Elliott B #14

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
217726	Sample SW Corner of Pad	soil	2009-12-15	17:00	2009-12-18
217727	Sample S Middle Pad	soil	2009-12-15	17:15	2009-12-18
217728	Sample NW Corner Pad	soil	2009-12-15	17:25	2009-12-18
217729	Sample 15' from WH - W side @ 1'	soil	2009-12-16	16:30	2009-12-18
217730	Sample 15' From WH - N side @ 1'	soil	2009-12-16	16:40	2009-12-18
217731	Sample 10' from WH - NW Center @ 1'	soil	2009-12-16	16:50	2009-12-18
217732	Sample 15' from WH - SW Side @ 1'	soil	2009-12-16	17:00	2009-12-18

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)
217726 - Sample SW Corner of Pad	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
217727 - Sample S Middle Pad	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
217728 - Sample NW Corner Pad	<0.0200	<0.0200	<0.0200	<0.0200		170	<2.00
217729 - Sample 15' from WH - W side @ 1'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
217730 - Sample 15' From WH - N side @ 1'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
217731 - Sample 10' from WH - NW Center @ 1'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
217732 - Sample 15' from WH - SW Side @ 1'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00

**Sample: 217726 - Sample SW Corner of Pad**

Param	Flag	Result	Units	RL
Chloride		141	mg/Kg	3.25

**Sample: 217727 - Sample S Middle Pad**

Param	Flag	Result	Units	RL
Chloride		9190	mg/Kg	3.25

\* REMOVED

**Sample: 217728 - Sample NW Corner Pad**

Param	Flag	Result	Units	RL
Chloride		1580	mg/Kg	3.25

\*

**Sample: 217729 - Sample 15' from WH - W side @ 1'**

Param	Flag	Result	Units	RL
Chloride		83.3	mg/Kg	3.25

**Sample: 217730 - Sample 15' From WH - N side @ 1'**

Param	Flag	Result	Units	RL
Chloride		83.3	mg/Kg	3.25

**Sample: 217731 - Sample 10' from WH - NW Center @ 1'**

Param	Flag	Result	Units	RL
Chloride		616	mg/Kg	3.25

**Sample: 217732 - Sample 15' from WH - SW Side @ 1'**

Param	Flag	Result	Units	RL
Chloride		901	mg/Kg	3.25

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Report Date: January 26, 2010

Work Order: 10012511

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## Summary Report

Chris Garcia  
Range Operating-Eunice

Report Date: January 26, 2010

P. O. Box 1570  
Eunice, NM 88231

Work Order: 10012511



Project Location: Elliott B #14  
Project Name: Drilling Pad Closure

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
220607	S Mid. N Side @ 2.5'	soil	2010-01-22	11:00	2010-01-25
220608	S Mid. S Side @ 2.5'	soil	2010-01-22	11:10	2010-01-25
220609	S Mid. E Side @ 2.5'	soil	2010-01-22	11:20	2010-01-25
220610	S Mid. W Side @ 2.5'	soil	2010-01-22	11:30	2010-01-25
220611	S Mid. N & W Comp. @ 4'	soil	2010-01-22	11:40	2010-01-25
220612	S Mid. S & E Comp. @ 4'	soil	2010-01-22	11:50	2010-01-25
220613	NW Corner N Side @ 2.5'	soil	2010-01-22	12:10	2010-01-25
220614	NW Corner S Side @ 2.5'	soil	2010-01-22	12:20	2010-01-25
220615	NW Corner N Side @ 4'	soil	2010-01-22	12:30	2010-01-25
220616	NW Corner S Side @ 4'	soil	2010-01-22	12:40	2010-01-25

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)
220607 - S Mid. N Side @ 2.5'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
220608 - S Mid. S Side @ 2.5'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
220609 - S Mid. E Side @ 2.5'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
220610 - S Mid. W Side @ 2.5'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
220611 - S Mid. N & W Comp. @ 4'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
220612 - S Mid. S & E Comp. @ 4'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
220613 - NW Corner N Side @ 2.5'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
220614 - NW Corner S Side @ 2.5'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
220615 - NW Corner N Side @ 4'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00
220616 - NW Corner S Side @ 4'	<0.0200	<0.0200	<0.0200	<0.0200		<50.0	<2.00

Sample: 220607 - S Mid. N Side @ 2.5'

*continued ...*

*sample 220607 continued ...*

Param	Flag	Result	Units	RL
Param	Flag	Result	Units	RL
Chloride		1940	mg/Kg	3.25

*\* REMOVED  
TO 4'*

**Sample: 220608 - S Mid. S Side @ 2.5'**

Param	Flag	Result	Units	RL
Chloride		2610	mg/Kg	3.25

*\**

**Sample: 220609 - S Mid. E Side @ 2.5'**

Param	Flag	Result	Units	RL
Chloride		2220	mg/Kg	3.25

*\**

**Sample: 220610 - S Mid. W Side @ 2.5'**

Param	Flag	Result	Units	RL
Chloride		2080	mg/Kg	3.25

*\**

**Sample: 220611 - S Mid. N & W Comp. @ 4'**

Param	Flag	Result	Units	RL
Chloride		109	mg/Kg	3.25

**Sample: 220612 - S Mid. S & E Comp. @ 4'**

Param	Flag	Result	Units	RL
Chloride		196	mg/Kg	3.25

**Sample: 220613 - NW Corner N Side @ 2.5'**

Param	Flag	Result	Units	RL
Chloride		109	mg/Kg	3.25

**Sample: 220614 - NW Corner S Side @ 2.5'**

Report Date: January 26, 2010

Work Order: 10012511

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Param	Flag	Result	Units	RL
Chloride		<b>138</b>	mg/Kg	3.25

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**Sample: 220615 - NW Corner N Side @ 4'**

Param	Flag	Result	Units	RL
Chloride		<b>71.0</b>	mg/Kg	3.25

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**Sample: 220616 - NW Corner S Side @ 4'**

Param	Flag	Result	Units	RL
Chloride		<b>80.5</b>	mg/Kg	3.25

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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.*