#### STATE OF NEVADA Orig-NDOM DEPARTMENT OF BUSINESS AND INDUSTRY Dup-NBM&G **DIVISION OF MINERALS** Trip-DWR

400 W. King Street, Suite 106 Carson City, Nevada 89710 (775) 885-5050

Quad-DEP JAN 29 2010

, Month of: December, 2009

## **Division of Minerals**

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer: **AMOR IX** 

5500 SODA LAKE ROAD FALLON, NEVADA 89406

Show each injection well separately. File not later than the last day of the month for the preceding month.

	<b>*</b>	Geor	thermal Fluids Inj	ected		
Field and Lease Name	Well #	Gallons Per Day	Gallons Per Month	Average Temp.	Injection Pressure	Reservoir Depth & Formation
SODA LAKE KGRA	45-28	0	0	0	0	
SODA LAKE KGRA	87-29	3,542,400	105,578,300	136	0	
SODA LAKE KGRA	64-33	0	0	0	0	
SODA LAKE KGRA	81-33	1,454,400	43,116,900	151	0	
SODA LAKE KGRA	77-29	1,360,800	40,336,400	138	19	
Total Gallons Injected		. ,	194,333,900			
			, , , -			

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Submitted for: AMOR IX, by Magma Energy, Operator

Signature:

Print Name: Greg Champneys

Position:\_\_\_

Plant Manager

Date: <u>January 27, 2010</u>

Address:

### **DIVISION OF MINERALS**

400 W. King Street, Suite 106 Carson City, Nevada 89710 (775) 885-5050

Orig-NDOM Dup-NBM&G

DEC 3 0 2009

#### REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Division of Minerals

Producer:

AMOR IX

, Month of: November, 2009

Address:

5500 SODA LAKE ROAD FALLON, NEVADA 89406

Show each injection well separately. File not later than the last day of the month for the preceding month.

		Geot	thermal Fluids Inj	ected		
Field and Lease Name	Well #	Gallons Per Day	Gallons Per Month	Average Temp.	Injection Pressure	Reservoir Depth & Formation
SODA LAKE KGRA	45-28	895,200	3,293,600	129	4	
SODA LAKE KGRA	87-29	3,672,000	96,328,800	137	26	
SODA LAKE KGRA	64-33	0	0	0	0	
SODA LAKE KGRA	81-33	1,656,000	49,348,800	161	0	
SODA LAKE KGRA	77-29	1,521,600	45,362,700	138	23	
Total Gallons Injected		·	194,333,900			

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Submitted for: AMOR IX by Magma Energy, Operator

Signature:

Print Name: Greg Champneys

Position:

Plant Manager

Date: December 29, 2009

# STATE OF NEVADA DEPARTMENT OF BUSINESS AND INDUSTRY DIVISION OF MINERALS

400 W. King Street, Suite 106 Carson City, Nevada 89710 (775) 885-5050 Orig-NDOM

Dup-NBM&G

Trip-DWR

Quad-DEP

Quad

Division of Minerals

#### REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer:	AMOR IX	Month	of:	October,	2009

Address: 5500 SODA LAKE ROAD FALLON, NEVADA 89406

Show each injection well separately. File not later than the last day of the month for the preceding month.

		Geor	thermal Fluids Inj	ected		
Field and Lease Name	Well #	Gallons Per Day	Gallons Per Month	Average Temp.	Injection Pressure	Reservoir Depth & Formation
SODA LAKE KGRA	45-28	835,200	15,277,200	154	49	
SODA LAKE KGRA	87-29	4,111,200	31,810,400	166	11	
SODA LAKE KGRA	64-33	0	0	0	0	
SODA LAKE KGRA	81-33	1,749,600	40,692,800	168	0	
SODA LAKE KGRA	77-29	1,699,200	32,858,300	160	37	
Total Gallons Injected		, ,	120,638,700			
			, ,			

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Submitted for: AMORAX by Magma Energy, Operator

Signature:

Print Name: Greg Champneys

Position: Plant Manager

Date: November 24, 2009

## **DIVISION OF MINERALS**

400 W. King Street, Suite 106 Carson City, Nevada 89710 (775) 885-5050

Orig-NDOM Dup-NBM&G

Trip-DWR Quad-DEP

#### REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Division of Minerals

Producer:

AMOR IX

Month of: September, 2009

Address:

5500 SODA LAKE ROAD FALLON, NEVADA 89406

Show each injection well separately. File not later than the last day of the month for the preceding month.

		Geo	thermal Fluids Inj	ected		
Field and Lease Name	Well #	Gallons Per Day	Gallons Per Month	Average Temp.	Injection Pressure	Reservoir Depth & Formation
SODA LAKE KGRA	45-28	722,400	9,415,300	176	63	
SODA LAKE KGRA	87-29	3,319,200	92,508,900	165	5	
SODA LAKE KGRA	64-33	0	0	0	0	
SODA LAKE KGRA	81-33	1,672,800	23,767,700	174	0	
SODA LAKE KGRA	77-29	1,588,800	44,671,800	167	38	
Total Gallons Injected			170,363,700			
			,			

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Submitted for: AMOR IX by Magma Energy, Operator

Signature:

Print Name: Greg Champneys

Position: Plant Manager

Date: October 27, 2009

# STATE OF NEVADA DEPARTMENT OF BUSINESS AND INDUSTRY DIVISION OF MINERALS

400 W. King Street, Suite 106 Carson City, Nevada 89710

(775) 885-5050

Orig-NDOM Dup-NDAGC INVEL Trip-DWR Quad-DBCT 0 6 2009

Division of Minerals

### REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer:	AMOR IX	, Month of:	August,	2009

Address: 5500 SODA LAKE ROAD FALLON, NEVADA 89406

Show each injection well separately. File not later than the last day of the month for the preceding month.

	r	Geor	thermal Fluids Inj	ected		
Field and Lease Name	Well #	Gallons Per Day	Gallons Per Month	Average Temp.	Injection Pressure	Reservoir Depth & Formation
					Translation Parameters	
SODA LAKE KGRA	45-28	1,023,400	1,023,400	144	o	
SODA LAKE KGRA	87-29	2,947,200	89,914,200	156	1	
SODA LAKE KGRA	64-33	0	0	0	0	: :
SODA LAKE KGRA	81-33	1,672,800	51,835,900	173	0	
SODA LAKE KGRA	77-29	1,696,800	52,501,800	156	37	
Total Gallons Injected			195,275,300			

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Submitted for: AMOR IX by Magma Energy, Operator

Signature:

Print Name: Greg Champneys

Position: Plant Manager

Date: September 30, 2009

## **DIVISION OF MINERALS**

400 W. King Street, Suite 106 Carson City, Nevada 89710 (775) 885-5050 Orig-NDOM
Dup-NBM&G
Trip-DWR

Quad-DEP

#### REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer: AMOR IX , Month of: July, 2009

**PECEIVE** 

Address: 5500 SODA LAKE ROAD FALLON, NEVADA 89406

AUG 3 1 2009

Show each injection well separately. File not later than the last day of the month for the preceding month.

Division of Minerals

		Geot	hermal Fluids Inj	ected		
Field and Lease Name	Well #	Gallons Per Day	Gallons Per Month	Average Temp.	Injection Pressure	Reservoir Depth & Formation
SODA LAKE KGRA	45-28	549,600	4,886,900	160	3	
SODA LAKE KGRA	87-29	3,444,000	86,975,400	167	4	
SODA LAKE KGRA	64-33	0	0	0	0	
SODA LAKE KGRA	81-33	1,596,000	49,476,000	166	0	
SODA LAKE KGRA	77-29	1,617,600	49,673,800	165	33	
Total Gallons Injected			191,012,100			

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Submitted for: AMORAX by Magma Energy, Operator

Signature:

Print Name: Greg Champneys

Position: Plant Manager

Date: August 28, 2009

## DIVISION OF MINERALS

400 W. King Street, Suite 106 Carson City, Nevada 89710 (775) 885-5050 Orig-NDOM
Dup-NBM&G

Trip-DWR Quad-DEPRECEIVE

AUG 1 1 2009

#### REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Division of Minerals

Producer: AMOR IX , Month of: June, 2009

Address: 5500 SODA LAKE ROAD FALLON, NEVADA 89406

Show each injection well separately. File not later than the last day of the month for the preceding month.

		Geo	thermal Fluids Inj	ected		
Field and Lease Name	Well #	Gallons Per Day	Gallons Per Month	Average Temp.	Injection Pressure	Reservoir Depth & Formation
	entaria de la constanta de la			The state of the s	earthment of the control of the cont	
SODA LAKE KGRA	45-28	1,624,800	10,619,000	150	0	
SODA LAKE KGRA	87-29	2,676,000	67,178,800	150	0	
SODA LAKE KGRA	64-33	0	0	0	0	
SODA LAKE KGRA	81-33	1,411,200	42,000,800	155	0	
SODA LAKE KGRA	77-29	1,728,000	43,898,400	154	28	
Total Gallons Injected	y 5		163,734,000			
		- Graph constant of the consta				

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Submitted for: AMORAX by Magma Energy, Operator

Signature:

Print Name: Greg Champneys

Position: Plant Manager

Date: July 31, 2009

#### **DIVISION OF MINERALS**

400 W. King Street, Suite 106 Carson City, Nevada 89710 (775) 885-5050

Orig-NDOM Dup-NBM&G

Trip-DWI C C C Quad-DEP

#### REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Division of Minerals

Producer:

AMOR IX

, Month of:\_\_\_

May, 2009

Address:

5500 SODA LAKE ROAD FALLON, NEVADA 89406

Show each injection well separately. File not later than the last day of the month for the preceding month.

		Geor	hermal Fluids Inj	ected		
Field and Lease Name	Well #	Gallons Per Day	Gallons Per Month	Average Temp.	Injection Pressure	Reservoir Depth & Formation
SODA LAKE KGRA	45-28	415,200	12,738,000	155	5	
SODA LAKE KGRA	87-29	2,700,000	82,406,300	156	3	
SODA LAKE KGRA	64-33	0	0	0	0	
SODA LAKE KGRA	81-33	1,536,000	47,616,000	160	0	
SODA LAKE KGRA	77-29	1,672,800	51,320,100	154	34	
Total Gallons Injected			194,080,400			
			y			

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Submitted for: AMOR IX by Magma Energy, Operator

Print Name: Greg Champneys

Position:\_\_\_\_

Plant Manager

Date: June 29, 2009

## DIVISION OF MINERALS

400 W. King Street, Suite 106 Carson City, Nevada 89710 (775) 885-5050 Orig-NDOM
Dup-NBM&G

Trip-DVP E CEIVED

MAY 2 1 2009

#### REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Division of Minerals

Producer: AMOR IX , Month of: April, 2009

Address: 5500 SODA LAKE ROAD FALLON, NEVADA 89406

Show each injection well separately. File not later than the last day of the month for the preceding month.

		Geor	thermal Fluids Inj	ected		
Field and Lease Name	Well #	Gallons Per Day	Gallons Per Month	Average Temp.	Injection Pressure	Reservoir Depth & Formation
SODA LAKE KGRA	45-28	681,600	20,448,000	151	21	
SODA LAKE KGRA	87-29	2,481,600	74,448,000	151	0	
SODA LAKE KGRA	64-33	0	0	0	0	
SODA LAKE KGRA	81-33	1,480,800	44,424,000	153	0	
SODA LAKE KGRA	77-29	1,651,200	49,536,000	151	30	
Total Gallons Injected		, ,	188,856,000			
			,			

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Submitted for: AMOR We by Magma Energy, Operator

Signature:

Print Name: Greg Champneys

Position: Plant Manager

Date: May 20, 2009



## STATE OF NEVADA

Division of Minerals<sub>Orig-NDOM</sub>

### DEPARTMENT OF BUSINESS AND INDUSTRY

Dup-NBM&G

## **DIVISION OF MINERALS**

Trip-DWR Quad-DEP

400 W. King Street, Suite 106 Carson City, Nevada 89710 (775) 885-5050

### REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer: AMOR IX , Month of: March, 2009

Address: 5500 SODA LAKE ROAD FALLON, NEVADA 89406

> Show each injection well separately. File not later than the last day of the month for the preceding month.

		Geo	thermal Fluids Inj	ected		
Field and Lease Name	Well #	Gallons Per Day	Gallons Per Month	Average Temp.	Injection Pressure	Reservoir Depth & Formation
SODA LAKE KGRA	45-28	523,200	15,879,100	149	6	
SODA LAKE KGRA	87-29	3,499,200	105,573,800	149	3	
SODA LAKE KGRA	64-33	0	0	0	0	
SODA LAKE KGRA	81-33	1,075,200	33,331,200	163	1	
SODA LAKE KGRA	77-29	1,668,000	51,047,800	149	31	
Total Gallons Injected			205,831,900			

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Submitted for: AMOR IX by Magma Energy, Operator

Signature:

Print Name: Greg Champneys

Position:\_\_\_ Plant Manager

Date:\_\_\_\_ April 10, 2009



MAR 3 0 2009

#### STATE OF NEVADA Qrig-NDOM DEPARTMENT OF BUSINESS AND INDUSTRIVISION OF Minerals

#### **DIVISION OF MINERALS**

400 W. King Street, Suite 106 Carson City, Nevada 89710 (775) 885-5050

Trip-DWR Quad-DEP

#### REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer:	AMOR IX	, Month of:	February,	2009
			***************************************	

Address: 5500 SODA LAKE ROAD FALLON, NEVADA 89406

> Show each injection well separately. File not later than the last day of the month for the preceding month.

		Geothermal Fluids Injected				
Field and Lease Name	Well #	Gallons Per Day	Gallons Per Month	Average Temp.	Injection Pressure	Reservoir Depth & Formation
SODA LAKE KGRA	45-28	453,600	10,416,000	138.	1	
SODA LAKE KGRA	87-29	2,846,400	77,156,800	138	1	
SODA LAKE KGRA	64-33	0	0	0	0	
SODA LAKE KGRA	81-33	1,418,400	31,248,000	152	1	
SODA LAKE KGRA	77-29	1,984,800	46,905,600	138	25	
Total Gallons Injected		, ,,,,,,,	165,726,400			
-			_ ,, ,			

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Submitted for: AMOR IX by Magma Energy, Operator

Signature:

Print Name: Greg Champneys

Position:\_\_\_\_

Plant Manager

Date: March 27, 2009

## DIVISION OF MINERALS

400 W. King Street, Suite 106 Carson City, Nevada 89710 (775) 885-5050 FEB 1 9 2009 Quad-DEP

Orig-NDOM

Dup-NBM&G

Division of Minerals

#### REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer:	AMOR IX	, Month of:	January,	2009
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Address: 5500 SODA LAKE ROAD FALLON, NEVADA 89406

Show each injection well separately. File not later than the last day of the month for the preceding month.

		Geothermal Fluids Injected				
Field and Lease Name	Well #	Gallons Per Day	Gallons Per Month	Average Temp.	Injection Pressure	Reservoir Depth & Formation
SODA LAKE KGRA	45-28	453,600	8,155,400	137	20	
SODA LAKE KGRA	87-29	2,846,400	86,103,600	134	3	
SODA LAKE KGRA	64-33	0	0	0	0	
SODA LAKE KGRA	81-33	1,418,400	43,970,400	151	0	
SODA LAKE KGRA	77-29	1,984,800	60,552,900	135	29	
Total Gallons Injected			198,782,300			
			, , , , ,			

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Submitted for: AMOR, IX by Magma Energy, Operator

Signature:

Print Name:\_\_\_

Greg Champneys

Position:\_

Plant Manager

Date:\_\_\_\_

February 13, 2009