

STATE OF NEVADA  
 DEPARTMENT OF BUSINESS AND INDUSTRY  
**DIVISION OF MINERALS**  
 400 W. King Street, Suite 106  
 Carson City, Nevada 89710  
 (702) 885-5050

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*Div. of Minerals*

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer CONSTELLATION OPERATING SERVICES Month of DECEMBER, 1997

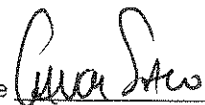
Address 5500 SODA LAKE ROAD FALLON, NEVADA 89407

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

Field and Lease Name	Well #	Geothermal Fluids Injected			Injection Pressure	Reservoir Depth & Formation
		Gallons Per Day	Gallons Per Month	Average Temp.		
SODA LAKE KGRA	45-28	1,725,600	53,493,600	158	47	
SODA LAKE KGRA	87-29	2,467,200	76,483,200	157	7	
SODA LAKE KGRA	64-33	1,116,000	34,596,000	159	151	
SODA LAKE KGRA	81-33	1,063,200	32,959,200	167	7	
SODA LAKE KGRA	77-29	0	0	-	-	

Remarks:

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

Signature 

Print Name Chuck Salo

Position Production Manager

Date January 7, 1998

JAN 05 1998

STATE OF NEVADA  
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REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer NEVADA OPERATIONS, INC. Month of NOVEMBER, 1997

Address 5500 SODA LAKE ROAD FALLON, NEVADA 89407

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

Field and Lease Name	Well #	Geothermal Fluids Injected			Injection Pressure	Reservoir Depth & Formation
		Gallons Per Day	Gallons Per Month	Average Temp.		
SODA LAKE KGRA	45-28	1,725,600	51,768,000	164	56	
SODA LAKE KGRA	87-29	2,508,000	75,240,000	164	8	
SODA LAKE KGRA	64-33	1,036,800	31,104,000	165	149	
SODA LAKE KGRA	81-33	1,113,600	33,408,000	169	4	
SODA LAKE KGRA	77-29	0	0	-	-	

Remarks:

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

Signature 

Print Name Monte C. Morrison

Position Plant Manager

Date December 30, 1997

STATE OF NEVADA  
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REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Div. of Minerals

Producer NEVADA OPERATIONS, INC. Month of OCTOBER, 1997

Address 5500 SODA LAKE ROAD FALLON, NEVADA 89407

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

Field and Lease Name	Well #	Geothermal Fluids Injected			Injection Pressure	Reservoir Depth & Formation
		Gallons Per Day	Gallons Per Month	Average Temp.		
SODA LAKE KGRA	45-28	1,714,900	53,162,900	173	65	
SODA LAKE KGRA	87-29	2,475,600	76,743,400	173	9	
SODA LAKE KGRA	64-33	861,300	26,699,600	175	143	
SODA LAKE KGRA	81-33	1,314,800	40,757,800	182	9	
SODA LAKE KGRA	77-29	0	0	-	-	

Remarks:

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

Signature 

Print Name Monte C. Morrison

Position Plant Manager

Date November 20, 1997

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OCT 27 1997

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**DIVISION OF MINERALS**  
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REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer NEVADA OPERATIONS, INC. Month of SEPTEMBER, 1997

Address 5500 SODA LAKE ROAD FALLON, NEVADA 89407

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

Field and Lease Name	Well #	Geothermal Fluids Injected			Injection Pressure	Reservoir Depth & Formation
		Gallons Per Day	Gallons Per Month	Average Temp.		
SODA LAKE KGRA	45-28	1,644,400	49,330,600	170	70	
SODA LAKE KGRA	87-29	2,360,000	70,800,100	170	16	
SODA LAKE KGRA	64-33	856,000	25,681,100	171	154	
SODA LAKE KGRA	81-33	1,446,300	43,387,600	177	10	
SODA LAKE KGRA	77-29	0	0	-	-	

Remarks:

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

Signature 

Print Name Monte C. Morrison

Position Plant Manager

Date October 26, 1997

STATE OF NEVADA  
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400 W. King Street, Suite 106  
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REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Div. of Minerals

Producer NEVADA OPERATIONS, INC. Month of AUGUST, 1997

Address 5500 SODA LAKE ROAD FALLON, NEVADA 89407

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

Field and Lease Name	Well #	Geothermal Fluids Injected			Injection Pressure	Reservoir Depth & Formation
		Gallons Per Day	Gallons Per Month	Average Temp.		
SODA LAKE KGRA	45-28	1,744,700	54,086,600	177	70	
SODA LAKE KGRA	87-29	2,805,400	86,968,800	177	16	
SODA LAKE KGRA	64-33	920,400	28,533,700	170	154	
SODA LAKE KGRA	81-33	561,000	17,390,300	174	10	
SODA LAKE KGRA	77-29	244,000	7,566,000	177	24	

Remarks:

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

Signature



Print Name Monte C. Morrison

Position Plant Manager

Date September 30, 1997

STATE OF NEVADA  
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**DIVISION OF MINERALS**

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**Div. of Minerals**

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer NEVADA OPERATIONS, INC. Month of JULY, 1997

Address 5500 SODA LAKE ROAD FALLON, NEVADA 89407

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

Field and Lease Name	Well #	Geothermal Fluids Injected			Injection Pressure	Reservoir Depth & Formation
		Gallons Per Day	Gallons Per Month	Average Temp.		
SODA LAKE KGRA	45-28	1,720,800	53,344,800	173	53	
SODA LAKE KGRA	87-29	2,510,400	77,822,400	173	8	
SODA LAKE KGRA	64-33	979,200	30,355,200	174	160	
SODA LAKE KGRA	81-33	1,524,000	47,244,000	172	11	
SODA LAKE KGRA	77-29	0	0	-	-	

Remarks:

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

Signature 

Print Name Monte C. Morrison

Position Plant Manager

Date August 29, 1997

STATE OF NEVADA  
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AUG 04 1997

**Div. of Minerals**

**REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS**

Producer NEVADA OPERATIONS, INC. Month of JUNE, 1997

Address 5500 SODA LAKE ROAD FALLON, NEVADA 89407

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

Field and Lease Name	Well #	Geothermal Fluids Injected			Injection Pressure	Reservoir Depth & Formation
		Gallons Per Day	Gallons Per Month	Average Temp.		
SODA LAKE KGRA	45-28	1,682,400	50,472,000	161	39	
SODA LAKE KGRA	87-29	1,872,300	56,169,800	160	4	
SODA LAKE KGRA	64-33	1,113,600	33,408,000	161	156	
SODA LAKE KGRA	81-33	1,399,200	41,976,000	162	6	
SODA LAKE KGRA	77-29	0	0	-	-	

Remarks:

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

Signature 

Print Name Monte C. Morrison

Position Plant Manager

Date July 20, 1997

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REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer NEVADA OPERATIONS, INC. Month of MAY, 1997

Address 5500 SODA LAKE ROAD FALLON, NEVADA 89407

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

Field and Lease Name	Well #	Geothermal Fluids Injected			Injection Pressure	Reservoir Depth & Formation
		Gallons Per Day	Gallons Per Month	Average Temp.		
SODA LAKE KGRA	45-28	1,728,000	53,568,000	166	54	
SODA LAKE KGRA	87-29	2,462,700	76,343,600	170	8	
SODA LAKE KGRA	64-33	1,017,600	31,545,600	170	158	
SODA LAKE KGRA	81-33	1,454,400	45,086,400	162	4	
SODA LAKE KGRA	77-29	0	0	-	-	

Remarks:

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

Signature 

Print Name Monte C. Morrison

Position Plant Manager

Date June 28, 1997



STATE OF NEVADA  
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REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer NEVADA OPERATIONS, INC. Month of APRIL, 1997

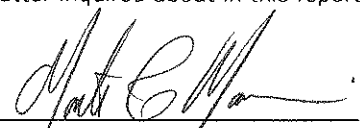
Address 5500 SODA LAKE ROAD FALLON, NEVADA 89407

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

Field and Lease Name	Well #	Geothermal Fluids Injected			Injection Pressure	Reservoir Depth & Formation
		Gallons Per Day	Gallons Per Month	Average Temp.		
SODA LAKE KGRA	45-28	1,707,200	51,214,900	164	45	
SODA LAKE KGRA	87-29	2,697,600	80,926,700	165	11	
SODA LAKE KGRA	64-33	1,031,500	30,944,200	165	150	
SODA LAKE KGRA	81-33	1,328,200	39,845,500	151	1	
SODA LAKE KGRA	77-29	0	0	-	-	

Remarks:

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

Signature 

Print Name Monte C. Morrison

Position Plant Manager

Date May 23, 1997

STATE OF NEVADA  
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**DIVISION OF MINERALS**  
400 W. King Street, Suite 106  
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MAY 05 1997

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS *Div. of Minerals*

Producer NEVADA OPERATIONS, INC. Month of MARCH, 1997

Address 5500 SODA LAKE ROAD FALLON, NEVADA 89407

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

Field and Lease Name	Well #	Geothermal Fluids Injected			Injection Pressure	Reservoir Depth & Formation
		Gallons Per Day	Gallons Per Month	Average Temp.		
SODA LAKE KGRA	45-28	1,780,600	53,419,200	165	42	
SODA LAKE KGRA	87-29	2,744,000	82,321,100	166	11	
SODA LAKE KGRA	64-33	1,145,800	34,372,800	166	161	
SODA LAKE KGRA	81-33	1,336,700	40,101,600	160	4	
SODA LAKE KGRA	77-29	0	0	-	-	

Remarks:

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

Signature *Monte C. Morrison*

Print Name Monte C. Morrison

Position Plant Manager

Date April 30, 1997

STATE OF NEVADA  
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400 W. King Street, Suite 106  
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REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Div. of Minerals

Producer NEVADA OPERATIONS, INC. Month of FEBRUARY, 1997

Address 5500 SODA LAKE ROAD FALLON, NEVADA 89407

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

Field and Lease Name	Well #	Geothermal Fluids Injected			Injection Pressure	Reservoir Depth & Formation
		Gallons Per Day	Gallons Per Month	Average Temp.		
SODA LAKE KGRA	45-28	1,723,200	48,249,600	150	41	
SODA LAKE KGRA	87-29	2,174,800	58,720,200	151	12	
SODA LAKE KGRA	64-33	1,060,800	29,702,400	150	159	
SODA LAKE KGRA	81-33	1,099,000	30,770,600	158	6	
SODA LAKE KGRA	77-29	328,500	657,000	130	4	

Remarks:

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

Signature *Monte C. Morrison*

Print Name Monte C. Morrison

Position Plant Manager

Date March 31, 1997

STATE OF NEVADA  
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400 W. King Street, Suite 106  
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MAR 03 1997

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

**Div. of Minerals**

Producer NEVADA OPERATIONS, INC. Month of JANUARY, 1997

Address 5500 SODA LAKE ROAD FALLON, NEVADA 89407

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

Field and Lease Name	Well #	Geothermal Fluids Injected			Injection Pressure	Reservoir Depth & Formation
		Gallons Per Day	Gallons Per Month	Average Temp.		
SODA LAKE KGRA	45-28	1,685,400	52,246,500	157	36	
SODA LAKE KGRA	87-29	2,265,300	70,225,300	159	7	
SODA LAKE KGRA	64-33	1,069,100	33,142,000	158	162	
SODA LAKE KGRA	81-33	1,254,400	38,887,200	174	9	
SODA LAKE KGRA	77-29	439,400	531,000	140	3	

Remarks:

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

Signature 

Print Name Monte C. Morrison

Position Plant Manager

Date January 20, 1997