

STATE OF NEVADA
DEPARTMENT OF BUSINESS AND INDUSTRY
DIVISION OF MINERALS
400 W. King Street, Suite 106
Carson City, Nevada 89710
(702) 687-5050 • Fax (702) 687-3957

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JAN 04 2002

**COMMERCIAL AND INDUSTRIAL CLASS
GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

Division of Minerals

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

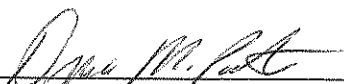
Plant/Project Empire County Washoe Month of December, 2001

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

Field and lease name	Well No.	GEOTHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	1,496,160	46,380,960	208°F	24 psi	
Empire KGRA	43-21	1,704,960	52,853,760	208°F	7 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	1,167,840	36,203,040	217°F	42 psi	surface discharge
Empire KGRA	53-21	1,951,200	60,487,200	208°F	2.0 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature 

Position Environmental Coordinator

Date 1/2/02

(REV 9/13/96 LV)

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DEC 05 2001

COMMERCIAL AND INDUSTRIAL CLASS
GEOHERMAL SUBSURFACE INJECTION MONTHLY REPORT

Division of Minerals

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405


Plant/Project Empire County Washoe Month of November, 2001

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

Field and lease name	Well No.	GEOHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	1,490,400	43,221,600	211°F	25 psi	
Empire KGRA	43-21	1,730,880	50,195,520	211°F	7 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	1,824,480	52,909,920	212°F	54 psi	surface discharge
Empire KGRA	53-21	1,913,760	55,499,040	211°F	2.0 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature 

Position Environmental Coordinator

Date 12/3/01

(REV 9/13/96 LV)

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 GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

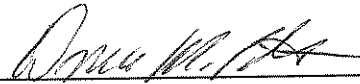
Plant/Project Empire County Washoe Month of October, 2001

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

Field and lease name	Well No.	GEOTHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	1,709,280	46,150,560	207°F	24 psi	
Empire KGRA	43-21	1,823,040	54,691,200	205°F	6 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	1,607,040	49,818,240	208°F	50 psi	surface discharge
Empire KGRA	53-21	2,160,000	66,960,000	204°F	2.0 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature 

Position Environmental Coordinator

Date 11/12/01

(REV 9/13/96 LV)

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**COMMERCIAL AND INDUSTRIAL CLASS
GEOHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

Div. of Minerals

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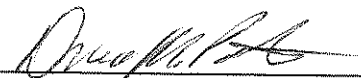
Plant/Project Empire County Washoe Month of September, 2001

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

Field and lease name	Well No.	GEOHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	1,909,440	57,283,200	208°F	23 psi	
Empire KGRA	43-21	1,802,880	54,086,400	208°F	7 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	1,323,360	39,700,800	205°F	47 psi	surface discharge
Empire KGRA	53-21	2,160,000	64,800,000	208°F	2.0 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature 

Position Environmental Coordinator

Date 10/5/01

(REV 9/13/96 LV)

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**COMMERCIAL AND INDUSTRIAL CLASS
GEOHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

Div. of Minerals

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405


Plant/Project Empire County Washoe Month of August, 2001

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

Field and lease name	Well No.	GEOHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	1,634,400	50,666,400	201°F	26 psi	
Empire KGRA	43-21	1,784,160	46,388,160	206°F	7 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	1,251,360	38,792,160	206°F	40 psi	surface discharge
Empire KGRA	53-21	2,072,160	64,236,960	201°F	2.0 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature 

Position Environmental Coordinator

Date 9/6/01

(REV 9/13/96 LV)

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**COMMERCIAL AND INDUSTRIAL CLASS
GEOHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

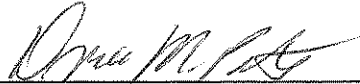
Plant/Project Empire County Washoe Month of July, 2001

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

Field and lease name	Well No.	GEOHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	1,746,720	54,148,320	208°F	20 psi	
Empire KGRA	43-21	1,542,240	47,809,440	208°F	8 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	1,080,000	22,680,000	216°F	45 psi	surface discharge
Empire KGRA	53-21	2,053,440	63,656,640	208°F	2.0 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature 

Position Environmental Coordinator

Date 8/3/01

DIVISION OF MINERALS

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Div. of Minerals

**COMMERCIAL AND INDUSTRIAL CLASS
GEOHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405

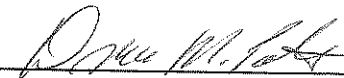
Plant/Project Empire County Washoe Month of June, 2001

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

Field and lease name	Well No.	GEOHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	1,552,320	46,569,600	207°F	31 psi	
Empire KGRA	43-21	1,712,160	51,364,800	207°F	7 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	757,440	22,723,200	218°F	47 psi	surface discharge
Empire KGRA	53-21	1,771,200	53,136,000	207°F	2.0 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature 

Position Environmental Coordinator

Date 7/2/01

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GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

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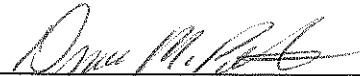
Plant/Project Empire County Washoe Month of May, 2001

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

Field and lease name	Well No.	GEOTHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	1,674,720	51,916,320	207°F	26 psi	
Empire KGRA	43-21	1,637,280	50,755,680	207°F	6 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	341,280	4,436,640	219°F	42 psi	surface discharge
Empire KGRA	53-21	1,992,960	61,781,760	207°F	2.0 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature 

Position Environmental Coordinator

Date 6/4/01

(REV 9/13/96 LV)

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**COMMERCIAL AND INDUSTRIAL CLASS
GEOHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

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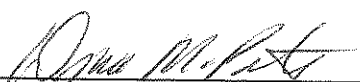
Plant/Project Empire County Washoe Month of April, 2001

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

Field and lease name	Well No.	GEOHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	1,847,520	55,425,600	210°F	27 psi	
Empire KGRA	43-21	1,612,800	48,384,000	210°F	7 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	161,280	4,838,400	166°F	5 psi	surface discharge
Empire KGRA	53-21	2,160,000	64,800,000	210°F	2.0 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature 

Position Environmental Coordinator

Date 5/1/01

(REV 9/13/96 LV)

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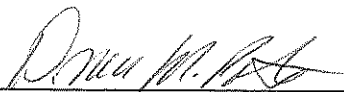
Plant/Project Empire County Washoe Month of March, 2001

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

Field and lease name	Well No.	GEOHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	1,388,160	43,032,960	206°F	19 psi	
Empire KGRA	43-21	1,501,920	46,559,520	206°F	6 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	1,062,720	32,944,320	212°F	22 psi	surface discharge
Empire KGRA	53-21	2,160,000	66,960,000	206°F	2.0 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature 

Position Environmental Coordinator

Date 4/3/01

(REV 9/13/96 LV)

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GEOHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

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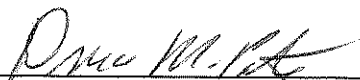
Plant/Project Empire County Washoe Month of February, 2001

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

Field and lease name	Well No.	GEOHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	1,526,400	42,739,200	210°F	23 psi	
Empire KGRA	43-21	1,782,720	49,916,160	202°F	6 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	1,690,560	47,335,680	219°F	37 psi	surface discharge
Empire KGRA	53-21	2,122,560	59,431,680	206°F	2.0 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature 

Position Environmental Coordinator

Date 3/9/01

(REV 9/13/96 LV)

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Div. of Minerals

**COMMERCIAL AND INDUSTRIAL CLASS
 GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT**

Company Empire Energy, LLC Address P.O. Box 40, Empire, NV 89405


Plant/Project Empire County Washoe Month of January, 2001

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

Field and lease name	Well No.	GEOTHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Empire KGRA	45-21	0	0			
Empire KGRA	42-21	2,353,680	72,964,080	205.3°F	25.9 psi	
Empire KGRA	43-21	1,851,696	57,402,576	205.8°F	5.6 psi	
Empire KGRA	35-21	0	0			
Empire KGRA	51-16	1,963,584	60,871,104	219.1°F	40.4 psi	surface discharge
Empire KGRA	53-21	2,160,000	6,696,000	205.8°F	2.0 psi	

This report to be filed by the end of the month following the month herein reported.

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature 

Position Environmental Coordinator

Date 2/13/01

(REV 9/13/96 LV)