

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

Orig - NDOM
 Dup - NBM&G
 Trip - DWR
 Quad - DEP

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Peppermill Hotel and Casino Month of December, 19 90
 Address 2707 S. Virginia Street, Reno, Nevada 89502

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		Injection pressure	Reservoir formation	Reservoir depth
		Gallons per day x 1000	Gallons per month x 1000			
Commercial well on private property	4	239.14	9657.5	104	Alta (?)	2300-3000'

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 Norman W. Melvin
 Position Hydrogeologist
 Date February 15, 1991

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REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Peppermill Hotel and Casino **Month of** November, 19 90

Address 2707 S. Virginia Street, Reno, Nevada 89502

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		Injection pressure	Reservoir formation	Reservoir depth
		Gallons per day × 1000	Gallons per month × 1000			
Commercial well on private property	4	321.2	9636.0	110	Alta (?)	~2800-3000'

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 Norman W. Melvin
 Position Hydrogeologist
 Date December 6, 1990.

WILLIAM E. NORK, Inc.

1026 W. First Street • Reno, Nevada 89503

CONSULTING SERVICES IN HYDROLOGY AND GEOLOGY
Phone (702) 322-2604

RECEIVED

NOV 19 1990

Dept. of Minerals

November 16, 1990
90-422-01

Mr. Russell A. Fields, Executive Director
Department of Minerals
400 West King Street, Suite 106
Carson City, Nevada 89710

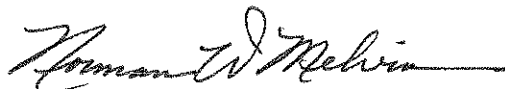
Dear Mr. Fields:

We are submitting copies of the geothermal fluid injection history at the Peppermill Hotel and Casino Injection Well #4 for the months of May to October, 1990.

The well has given the operators no trouble. There are no apparent leaks at any totalizing meter, and injection pressures remain relatively constant at about 110 pounds/square inch.

We will submit further data on a monthly basis as required by Nevada Department of Minerals.

Sincerely,
WILLIAM E. NORK, INC.



Norman W. Melvin
Hydrogeologist

Attachments



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Field and lease name	Well No.	Geothermal Fluids Injected		Injection pressure	Reservoir formation	Reservoir depth
		Gallons per day × 1000	Gallons per month × 1000			
Commercial well on private property	4	336.14	11764.9	112.4	Alta (?)	~2800-3000'

Remarks:

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Signature Norman W. Melvin
 Position Hydrogeologist
 Date November 16, 1990.

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REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Peppermill Hotel and Casino Month of September, 19 90

Address 2707 S. Virginia Street, Reno, Nevada 89502

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		Injection pressure	Reservoir formation	Reservoir depth
		Gallons per day × 1000	Gallons per month × 1000			
Commercial well on private property	4	304.47	9532.2	110.0	Alta (?)	~2800-3000'

Remarks:

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Signature Norman W. Melvin
 Position Hydrogeologist
 Date September 16, 1990

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Producer Peppermill Hotel and Casino Month of August, 19 90

Address 2707 S. Virginia Street, Reno, Nevada 89502

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		Injection pressure	Reservoir formation	Reservoir depth
		Gallons per day × 1000	Gallons per month × 1000			
Commercial well on private property	4	209.12	7319.3	11370	Alta (?)	~2800-3000'

Remarks:

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Signature Norman W. Melvin
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 Date November 16, 1990

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Producer Peppermill Hotel and Casino Month of July, 19 90
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Field and lease name	Well No.	Geothermal Fluids Injected		Injection pressure	Reservoir formation	Reservoir depth
		Gallons per day x 1000	Gallons per month x 1000			
Commercial well on private property	4	92.21	3227.4	111.2	Alta (?)	~2800-3000'

Remarks:

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Signature Norman W. Melvin
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 Date November 16, 1990

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Producer Peppermill Hotel and Casino Month of June, 1990

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Field and lease name	Well No.	Geothermal Fluids Injected		Injection pressure	Reservoir formation	Reservoir depth
		Gallons per day × 1000	Gallons per month × 1000			
Commercial well on private property	4	65.45	1832.5	110.5	Alta (?)	~2800-3000'

Remarks:

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Signature *Roman W. Melvin*
 Position *Hydrogeologist*
 Date *November 16, 1990*

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Producer Peppermill Hotel and Casino Month of May, 19 90

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Field and lease name	Well No.	Geothermal Fluids Injected		Injection pressure	Reservoir formation	Reservoir depth
		Gallons per day x 1000	Gallons per month x 1000			
Commercial well on private property	4	72.64	2542.4	110.6	Alta (?)	~2800-3000'

Remarks:

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Signature Norman W. Melvin
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Producer Peppermill Hotel and Casino Month of May, 19 90
 Address 2707 S. Virginia Street, Reno, Nevada 89502

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Field and lease name	Well No.	Geothermal Fluids Injected		Injection pressure psig	Reservoir formation	Reservoir depth
		Gallons per day x 1000	Gallons per month x 1000			
Commercial well on private property	4	1004.3	35152.00	102.2	Alta (?)	~2800-3000'

Remarks:

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Signature Norman W. Melvin
 Position Hydrogeologist
 Date July 25, 1990

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Producer Peppermill Hotel and Casino Month of April, 19 90
 Address 2707 S. Virginia Street, Reno, Nevada 89502

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Field and lease name	Well No.	Geothermal Fluids Injected		Injection pressure psig	Reservoir formation	Reservoir depth
		Gallons per day x 1000	Gallons per month x 1000			
Commercial well on private property	4	999.7	27992.00	111	Alta (?)	~2800-3000'

Remarks:

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REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Peppermill Hotel & Casino **Month of** March, 19 90
Address 2707 S. Virginia Street, Reno, Nevada 89502

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		Injection pressure psig	Reservoir formation	Reservoir depth
		Gallons per day × 1000	Gallons per month × 1000			
Commercial well on private property	4	1002.2	28063.00	90	Alta (?)	~2800-3000'

Remarks:

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REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Peppermill Hotel & Casino Month of February, 19 90

Address 2707 S. Virginia Street, Reno, Nevada 89502

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Field and lease name	Well No.	Geothermal Fluids Injected		Injection pressure psig	Reservoir formation	Reservoir depth
		Gallons per day × 1000	Gallons per month × 1000			
Commercial well on private property	4	1000.6	28016.00	86	Alta (?)	~2800-3000

Remarks:

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REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Peppermill Hotel and Casino Month of January, 19 90

Address 2707 S. Virginia Street, Reno, Nevada 89502

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Field and lease name	Well No.	Geothermal Fluids Injected		Injection pressure psig	Reservoir formation	Reservoir depth
		Gallons per day x 1000	Gallons per month x 1000			
Commercial well on private property.	4	992.3	34946.00	90	Alta (?)	~2800-3000

Remarks:

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Signature Roman W. Melvin

Position Hydrogeologist

Date July 25, 1990.