

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: Western States Geothermal Co. Month: December, 1988

Address: P. O. Box 2627, Sparks, NV 89432-2627

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		Inj. Press. (psig)	Res. Form.	Reservoir depth (feet)
		Gallons per day (operating)	Gallons per month			
Desert Peak	21-2	2,403,799	72,937,265	41.5	728.2	2030 - 3192
		Injecting hours this month (hrs):				
		Temperature metered at (F):				

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 : *Von W. Maynard*

Von W. Maynard

Position: Superintendent

Date: Jan. 9, 1989

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REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer: Western States Geothermal Co. Month: November, 1988

Address: P. O. Box 2627, Sparks, NV 89432-2627

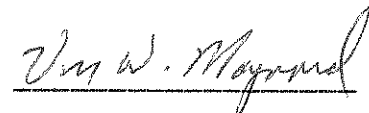
Show each injection well separately. File not later than the last day of the month for the preceding month.

Field and Lease Name	Well No.	Geothermal Fluids Injected		Inj. Press. (psig)	Res. Form.	Reservoir depth (feet)
		Gallons per day (operating)	Gallons per month			
Desert Peak	21-2	2,373,989	71,219,658	34		2030 - 3192
		Injecting hours this month (hrs):			720	
		Temperature metered at (F):			230	

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 :



Von W. Maynard

Position:

Superintendent

Date:

Dec. 1, 1988

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REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer: Western States Geothermal Co. Month: October, 1988

Address: P. O. Box 2627, Sparks, NV 89432-2627

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		Inj. Press. (psig)	Res. Form.	Reservoir depth (feet)
		Gallons per day (operating)	Gallons per month			
Desert Peak	21-2	2,632,364	76,438,377	76.2		2030 - 3192
		Injecting hours this month (hrs):			696.9	
		Temperature metered at (F):			237	

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 : Fred L. Manuel

Fred L. Manuel

Position: Operations Engineer

Date: Nov. 14, 1988

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REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Field and Lease Name	Well No.	Geothermal Fluids Injected		Inj. Press. (psig)	Res. Form.	Reservoir depth (feet)
		Gallons per day (operating)	Gallons per month			
Desert Peak	21-2	2,621,789	78,287,701	76.5		2030 - 3192
		Injecting hours this month (hrs):				
		Temperature metered at (F):			237	

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 : *Von W. Maynard*

Von W. Maynard

Position: Supervisor

Date: Oct. 1, 1988

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REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Field and Lease Name	Well No.	Geothermal Fluids Injected		Inj. Press. (psig)	Res. Form.	Reservoir depth (feet)
		Gallons per day (operating)	Gallons per month			
Desert Peak	21-2	2,725,387	82,215,854	88		2030 - 3192
		Injecting hours this month (hrs):				724
Temperature metered at (F):					238	

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 : Von W. Maynard

Von W. Maynard

Position: Supervisor

Date: Sept. 1, 1988

DEPARTMENT OF MINERALS

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Dup - NBRISG
 Trip - DWR
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REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Western States Geothermal Company Month of July, 19 88

Address P.O.Box 2627, Sparks, Nevada 89432-2627

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	Gallons per month			
Desert Peak	21-2	2,646,180	82,031,585 @240F	33-89 psig		2030-319; (Openhole)

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 Fred L. Manuel

Position Fred L. Manuel Operations Engineer

Date 8-10-88

DEPARTMENT OF MINERALS

400 W. King Street, Suite 106

Carson City, Nevada 89710

(702) 885-6050

Dup - NBI/LE

Trip - DWR

Quad - DEP

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Chevron Resources
Western States Geothermal Co. **Month of** June, 19 88

Address P. O. Box 1620, Fallon, NV 89406

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	Gallons per month			
Desert Peak, Nevada	B21-2	2,609,825	78,294,772	47-72 psig		2030-3192 (Openhole)

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 *Fred L. Manuel*
 Position Fred L. Manuel, Operations Engineer
 Date 7-15-88

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Chevron Resources/Western States Geo. Co. Month of May, 1988

Address P.O. Box 1620 Fallon, Nevada 89406

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	Gallons per month			
Desert Peak, Nevada	B21-2	2,082,680*	64,563,094*	25-70 psig		2030-3192 (openhole)
		2,614,935	81,062,970			

The above figures were reported by our injection brine flowmeter. However, on May 19, 1988, the flowmeter was serviced, and was found to be reading too low due to scale plugging. Following May 19, the meter averaged 2,673,140 gallons per 24 hour day. Therefore, our best estimate (using this average) for the entire month of May is as follows:

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 *Fred L. Manuel*
 Fred L. Manuel
 Position Operations Engineer
 Date 6/2/88

DEPARTMENT OF MINERALS

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Dup - NBF:SE
 Trip - DWR
 Quad - DEP

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Western States Geothermal Company Month of April, 1988

Address P.O.Box 1620, Fallon, Nevada 89406

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	Gallons per month			
Desert Peak, Nevada	B21-2	1,980,302	59,409,052	43-63psig	--	2030-3192 (openhole)

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 *F. L. Manuel*
 Fred L. Manuel
 Position Operations Engineer
 Date 5-12-88



Chevron Resources Company

A Division of Chevron Industries, Inc.
P.O. Box 1620, Fallon, NV 89406

May 12, 1988

RECEIVED
MAY 17 1988
DEPT OF MINERALS

State of Nevada
Department of Minerals
400 W. King Street, Suite 106
Carson City, NV 89710

Attn: Ms. Kathy Loomis

Ms. Loomis:

Enclosed are Western States Geothermal Company's "Geothermal Producer's Monthly Reports" for the months of March and April, 1988. Also enclosed are copies of our daily "Fluid Production Data" reports.

It has recently come to our attention that the State of Nevada has a form titled "Report of Geothermal Subsurface Injections". In the past, we have reported the injection volume for our injection well #B21-2 on the form titled "Geothermal Producer's Monthly Report". Beginning with these reports we are submitting the injection information on the injection form.

Should you have any questions, please contact me at 423-2002.

Sincerely,

Fred L. Manuel
Operations Engineer
Desert Peak Power Plant

DEPARTMENT OF MINERALS

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REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Western States Geothermal Company Month of March, 19 88

Address P.O.Box 1620, Fallon, Nevada 89406

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	Gallons per month			
Desert Peak, Nevada	B21-2	1,637,457	50,761,172	0-50PSIG	--	2030-3192 (open-hole)

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 *Fred L. Manuel*
 Fred L. Manuel
 Position Operations Engineer
 Date 5/12/88