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

GEOTHERMAL PRODUCER'S MONTHLY REPORT

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

Company: Western States Geothermal Co. Address: P. O. Box 2627, Sparks, NV 89432

Lease: Desert Peak County: Churchill Month of: December, 1992

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec	Twp.	Rge.				Net Sales (MWH)	Gallons Per Mo/Produced	Avg. Temp.
67-21	45397	21	T22N	R27E	N/A	N/A	N/A	3400.8	56,356,554	327.
86-21	46070	21	T22N	R27E	N/A	N/A	N/A	3400.8	56,356,554	327.
			Prod. hrs this month, ea. well:						741.95 hrs	
TOTALS:								6801.6	112,713,107	

Method of determining production: Plant steam and brine flowmeters

I hereby certify that the information given herewith is true, correct, and complete.

Von W. Maynard

Von W. Maynard
Operations Superintendent

Telephone: (702) 423-2002

Date: January 9, 1993

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

GEOTHERMAL PRODUCER'S MONTHLY REPORT

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

Company: Western States Geothermal Co. Address: P. O. Box 2627 Sparks, NV 89432

Lease: Desert Peak County: Churchill Month of: November, 1992

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec	Twp.	Rge.				Net Sales (MWH)	Gallons Per Mo/Produced	Avg. Temp.
67-21	45397	21	T22N	R27E	N/A	N/A	N/A	3288	54,655,178	327.
86-21	46070	21	T22N	R27E	N/A	N/A	N/A	3288	54,655,178	327.
			Prod. hrs this month, ea. well:						720	hrs
TOTALS:								6576	109,310,356	

Method of determining production: Plant steam and brine flowmeters

I hereby certify that the information given herewith is true, correct, and complete.

Von W. Maynard

Von W. Maynard
Operations Superintendent

Telephone: (702) 423-2002

Date: December 8, 1992

BUREAU OF LAND MANAGEMENT
MONTHLY REPORT OF GEOTHERMAL OPERATIONS

OPERATOR: Western States Geothermal Co.
ADDRESS: P. O. Box 2627, Sparks, NV 89432-2627

LEASE:
FIELD: DESERT PEAK
COUNTY: Churchill
STATE: Nevada

PLANT OPERATIONS

Plant On-line:	30.00	days
Total Production:	824,079,840	total lbs steam and brine
Average Flowrate:	1,144,555	total lbs/hr steam and brine
Cool. Tower Blowdown:	5,099,000	gal
HP Steam Separated:	80,579,880	lbs steam
LP Steam Separated:	73,174,080	lbs steam

ELECTRICAL GENERATION

Gross elec. produced:	7,280,640	kwh
Net elec. produced:	6,576,000	kwh
Approximate revenue:	$470,836	
at a sales rate of:	$0.064670	per kwh

based on gross kwh sales.

WELL OPERATIONS

Production

Well#	Sec	Tsp	Rge	Type
67-21	21	22N	27E	Prod.

Wellhead Pressure:	86.67	psig	
Wellhead Temperature:	327.25	F	
Volume Produced:	54,655,178	gal at	327.25 F
Days produced:	30.00	days	

Well#	Sec	Tsp	Rge	Type
86-21	21	22N	27E	Prod.

Wellhead Pressure:	86.67	psig	
Wellhead Temperature:	327.25	F	
Volume Produced:	54,655,178	gal at	327.25 F
Days produced:	30.00	days	

Individual well production is not metered due to difficulty of accurately metering two-phase (steam and brine) flow. Above volumes are figured by individually metering HP and LP steam and brine from the separators.

BUREAU OF LAND MANAGEMENT
MONTHLY REPORT OF GEOTHERMAL OPERATIONS

OPERATOR: Western States Geothermal Co.
ADDRESS: P. O. Box 2627, Sparks, NV 89432-2627

LEASE:
FIELD: DESERT PEAK
COUNTY: Churchill

WELL OPERATIONS (Continued)

Injection

Well#	Sec	Tsp	Rge	Type
21-2	21	22N	27E	Inj.

Wellhead Pressure: 105.78 psig
Wellhead Temperature: 235.5 F
Volume Injected: 84,914,335 gal at 235.5 F
Days injected: 30.00 days

Brine flow is metered out of the low pressure separator.
at approximately the injection temperature of 235.5 F.

WELL AND PLANT WORK PERFORMED

Normal plant operations and maintenance.
0
0
0
0
0

Von W. Maynard

Von W. Maynard
Operations Superintendent

BUREAU OF LAND MANAGEMENT
MONTHLY REPORT OF GEOTHERMAL OPERATIONS

OPERATOR: Western States Geothermal Co.
ADDRESS: P. O. Box 2627, Sparks, NV 89432-2627

LEASE:
FIELD: DESERT PEAK
COUNTY: Churchill

WELL OPERATIONS (Continued)

Injection

Well#	Sec	Tsp	Rge	Type
21-2	21	22N	27E	Inj.

Wellhead Pressure: 105.78 psig
Wellhead Temperature: 235.5 F
Volume Injected: 84,914,335 gal at 235.5 F
Days injected: 30.00 days

Brine flow is metered out of the low pressure separator.
at approximately the injection temperature of 235.5 F.

WELL AND PLANT WORK PERFORMED

Normal plant operations and maintenance.
0
0
0
0
0

Von W. Maynard

Von W. Maynard
Operations Superintendent

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

Orig - NDOM
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GEOTHERMAL PRODUCER'S MONTHLY REPORT

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

Company: Western States Geothermal Co. Address: P. O. Box 2627, Sparks, NV 89432

Lease: Desert Peak County: Churchill Month of: October, 1992

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec	Twp.	Rge.				Net Sales (MWH)	Gallons Per Mo/Produced	Avg. Temp.
67-21	45397	21	T22N	R27E	N/A	N/A	N/A	3292.8	56,561,063	327.
86-21	46070	21	T22N	R27E	N/A	N/A	N/A	3292.8	56,561,063	327.
			Prod. hrs this month, ea. well:						744.5 hrs	
TOTALS:								6585.6	113,122,126	

Method of determining production: Plant steam and brine flowmeters

I hereby certify that the information given herewith is true, correct, and complete.

Von W. Maynard

Von W. Maynard
Operations Superintendent

Telephone: (702) 423-2002

Date: November 11, 1992

BUREAU OF LAND MANAGEMENT
MONTHLY REPORT OF GEOTHERMAL OPERATIONS

OPERATOR: Western States Geothermal Co.
ADDRESS: P. O. Box 2627, Sparks, NV 89432-2627

LEASE:
FIELD: DESERT PEAK
COUNTY: Churchill
STATE: Nevada

PLANT OPERATIONS

Plant On-line:	31.02	days
Total Production:	852,126,352	total lbs steam and brine
Average Flowrate:	1,144,562	total lbs/hr steam and brine
Cool. Tower Blowdown:	3,455,300	gal
HP Steam Separated:	83,112,477	lbs steam
LP Steam Separated:	75,501,779	lbs steam

ELECTRICAL GENERATION

Gross elec. produced:	7,318,560	kwh
Net elec. produced:	6,585,600	kwh
Approximate revenue:	$473,288	
at a sales rate of:	$0.064670	per kwh

based on gross kwh sales.

WELL OPERATIONS

Production

Well#	Sec	Tsp	Rge	Type
67-21	21	22N	27E	Prod.

Wellhead Pressure:	86.74	psig	
Wellhead Temperature:	327.5	F	
Volume Produced:	56,561,063	gal at	327.5 F
Days produced:	31.02	days	

Well#	Sec	Tsp	Rge	Type
86-21	21	22N	27E	Prod.

Wellhead Pressure:	86.74	psig	
Wellhead Temperature:	327.5	F	
Volume Produced:	56,561,063	gal at	327.5 F
Days produced:	31.02	days	

Individual well production is not metered due to difficulty of accurately metering two-phase (steam and brine) flow. Above volumes are figured by individually metering HP and LP steam and brine from the separators.

OPERATOR: Western States Geothermal Co.
ADDRESS: P. O. Box 2627, Sparks, NV 89432-2627

LEASE:
FIELD: DESERT PEAK
COUNTY: Churchill

WELL OPERATIONS (Continued)

Injection

Well#	Sec	Tsp	Rge	Type
21-2	21	22N	27E	Inj.

Wellhead Pressure: 103.97 psig
Wellhead Temperature: 236.19 F
Volume Injected: 87,635,472 gal at 236.19 F
Days injected: 31.02 days

Brine flow is metered out of the low pressure separator.
at approximately the injection temperature of 236.19 F.

WELL AND PLANT WORK PERFORMED

Normal plant operations and maintenance.
0
0
0
0
0

Von W. Maynard

Von W. Maynard
Operations Superintendent

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

Orig - NDOM
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GEOTHERMAL PRODUCER'S MONTHLY REPORT

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

Company: Western States Geothermal Co. Address: P. O. Box 2627, Sparks, NV 89432

Lease: Desert Peak County: Churchill Month of: September, 1992

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec	Twp.	Rge.				Net Sales (MWH)	Gallons Per Mo/Produced	Avg. Temp.
67-21	45397	21	T22N	R27E	N/A	N/A	N/A	2378.4	41,857,903	328.
86-21	46070	21	T22N	R27E	N/A	N/A	N/A	2378.4	41,857,903	328.
				Prod. hrs this month, ea. well:					537.42 hrs	
TOTALS:								4756.8	83,715,805	

Method of determining production: Plant steam and brine flowmeters

I hereby certify that the information given herewith is true, correct, and complete.

Von W. Maynard

Von W. Maynard
Operations Superintendent

Telephone: (702) 423-2002

Date: October 8, 1992

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

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Trip - DWR
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GEOTHERMAL PRODUCER'S MONTHLY REPORT

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

Company: Western States Geothermal Co. Address: P. O. Box 2627, Sparks, NV 89432

Lease: Desert Peak County: Churchill Month of: August, 1992

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec	Twp.	Rge.				Net Sales (MWH)	Gallons Per Mo/Produced	Avg. Temp.
67-21	45397	21	T22N	R27E	N/A	N/A	N/A	3158.4	57,296,312	327.
86-21	46070	21	T22N	R27E	N/A	N/A	N/A	3158.4	57,296,312	327.
			Prod. hrs this month, ea. well:						739.23 hrs	
TOTALS:								6316.8	114,592,625	

Method of determining production: Plant steam and brine flowmeters

I hereby certify that the information given herewith is true, correct, and complete.

Von W. Maynard

Von W. Maynard
Operations Superintendent

Telephone: (702) 423-2002

Date: September 3, 1992

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

Orig - NDOM
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Trip - DWR
Quad - DEP

GEOTHERMAL PRODUCER'S MONTHLY REPORT

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

Company: Western States Geothermal Co. Address: P. O. Box 2627, Sparks, NV 89432

Lease: Desert Peak County: Churchill Month of: July, 1992

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec	Twp.	Rge.				Net Sales (MWH)	Gallons Per Mo/Produced	Avg. Temp.
67-21	45397	21	T22N	R27E	N/A	N/A	N/A	3201.6	57,574,906	327.
86-21	46070	21	T22N	R27E	N/A	N/A	N/A	3201.6	57,574,906	327.
			Prod. hrs this month, ea. well:						740.33 hrs	
TOTALS:								6403.2	115,149,813	

Method of determining production: Plant steam and brine flowmeters

I hereby certify that the information given herewith is true, correct, and complete.

Von W. Maynard

Von W. Maynard
Operations Superintendent

Telephone: (702) 423-2002

Date: August 10, 1992

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

GEOTHERMAL PRODUCER'S MONTHLY REPORT

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

Company: Western States Geothermal Co. Address: P. O. Box 2627, Sparks, NV 89432

Lease: Desert Peak County: Churchill Month of: June, 1992

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec	Twp.	Rge.				Net Sales (MWH)	Gallons Per Mo/Produced	Avg. Temp.
67-21	45397	21	T22N	R27E	N/A	N/A	N/A	3170.4	55,918,171	327.
86-21	46070	21	T22N	R27E	N/A	N/A	N/A	3170.4	55,918,171	327.
				Prod. hrs this month, ea. well:					720 hrs	
TOTALS:								6340.8	111,836,342	

Method of determining production: Plant steam and brine flowmeters

I hereby certify that the information given herewith is true, correct, and complete.

Von W. Maynard

Von W. Maynard
Operations Superintendent

Telephone: (702) 423-2002

Date: July 8, 1992

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

GEOTHERMAL PRODUCER'S MONTHLY REPORT

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

Company: Western States Geothermal Co. Address: P. O. Box 2627, Sparks, NV 89432

Lease: Desert Peak County: Churchill Month of: May, 1992

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec	Twp.	Rge.				Net Sales (MWH)	Gallons Per Mo/Produced	Avg. Temp.
67-21	45397	21	T22N	R27E	N/A	N/A	N/A	3247.2	57,114,907	327.
86-21	46070	21	T22N	R27E	N/A	N/A	N/A	3247.2	57,114,907	327.
			Prod. hrs this month, ea. well:						742.38 hrs	
TOTALS:								6494.4	114,229,814	

Method of determining production: Plant steam and brine flowmeters

I hereby certify that the information given herewith is true, correct, and complete.

Von W. Maynard

Von W. Maynard
Operations Superintendent

Telephone: (702) 423-2002

Date: June 9, 1992

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

GEOTHERMAL PRODUCER'S MONTHLY REPORT

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

Company: Western States Geothermal Co. Address: P. O. Box 2627, Sparks, NV 89432

Lease: Desert Peak County: Churchill Month of: April, 1992

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec	Twp.	Rge.				Net Sales (MWH)	Gallons Per Mo/Produced	Avg. Temp.
67-21	45397	21	T22N	R27E	N/A	N/A	N/A	3225.6	55,888,241	327.
86-21	46070	21	T22N	R27E	N/A	N/A	N/A	3225.6	55,888,241	327.
			Prod. hrs this month, ea. well:						710.92 hrs	
TOTALS:								6451.2	111,776,482	

Method of determining production: Plant steam and brine flowmeters

I hereby certify that the information given herewith is true, correct, and complete.

Von W. Maynard

Von W. Maynard
Operations Superintendent

Telephone: (702) 423-2002

Date: May 12, 1992

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

GEOTHERMAL PRODUCER'S MONTHLY REPORT

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

Company: Western States Geothermal Co. Address: P. O. Box 2627, Sparks, NV 89432

Lease: Desert Peak County: Churchill Month of: March, 1992

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec	Twp.	Rge.				Net Sales (MWH)	Gallons Per Mo/Produced	Avg. Temp.
67-21	45397	21	T22N	R27E	N/A	N/A	N/A	3386.4	58,299,378	327.
86-21	46070	21	T22N	R27E	N/A	N/A	N/A	3386.4	58,299,378	327.
			Prod. hrs this month, ea. well:						741 hrs	
TOTALS:								6772.8	116,598,757	

Method of determining production: Plant steam and brine flowmeters

I hereby certify that the information given herewith is true, correct, and complete.

Von W. Maynard

Von W. Maynard
Operations Superintendent

Telephone: (702) 423-2002

Date: April 8, 1992

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

GEOTHERMAL PRODUCER'S MONTHLY REPORT

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

Company: Western States Geothermal Co. Address: P. O. Box 2627, Sparks, NV 89432

Lease: Desert Peak County: Churchill Month of: February, 1992

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec	Twp.	Rge.				Net Sales (MWH)	Gallons Per Mo/Produced	Avg. Temp.
67-21	45397	21	T22N	R27E	N/A	N/A	N/A	3216	54,822,776	327.
86-21	46070	21	T22N	R27E	N/A	N/A	N/A	3216	54,822,776	327.
				Prod. hrs this month, ea. well:					696 hrs	
TOTALS:								6432	109,645,551	

Method of determining production: Plant steam and brine flowmeters

I hereby certify that the information given herewith is true, correct, and complete.

Von W. Maynard

Von W. Maynard
Operations Superintendent

Telephone: (702) 423-2002

Date: March 6, 1992

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

GEOTHERMAL PRODUCER'S MONTHLY REPORT

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

Company: Western States Geothermal Co. Address: P. O. Box 2627, Sparks, NV 89432

Lease: Desert Peak County: Churchill Month of: January, 1992

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec	Twp.	Rge.				Net Sales (MWH)	Gallons Per Mo/Produced	Avg. Temp.
67-21	45397	21	T22N	R27E	N/A	N/A	N/A	3487.2	58,814,416	328
86-21	46070	21	T22N	R27E	N/A	N/A	N/A	3487.2	58,814,416	328
			Prod. hrs this month, ea. well:						741.34 hrs	
TOTALS:								6974.4	117,628,832	

Method of determining production: Plant steam and brine flowmeters

I hereby certify that the information given herewith is true, correct, and complete.

Von W. Maynard

Von W. Maynard
Operations Superintendent

Telephone: (702) 423-2002

Date: February 10, 1992