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: TC 587110

County:

Churchill

Month of:

December, 1988

LOCATI	ОИ		COMMERCIAL CLASS ; INDUSTRIAL CL						L CLA	SS		
Well Permit		Twp.	Rge.	1		 				Gallons Mo/Prod		
84-33	33	T20N	R28E	N/A	N/A	N/A	1	1866	1	47,498,	765	36£
 		<u> </u>		y mete	red a	at 190	de	grees I	ř:	rs 43,362,0 ng coolin		
TOTALS:	1	1	1 1		. Meste acom pane anne que	! !	·	1866		47,498,	765 ;	

Method of determining production: Annubar metering brine exiting plant on way to injection well #1-29.

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

Name:

Von W. Maynard

Von W. Maynard Superintendent

Telephone:

(702) 423-2002

Date:

January 13, 1989

RECEIVED

DEC 211

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: TC 587110 Cour

County: Churchill

Month of:

November, 1988

LOCAT	ION				COMMERCIAL CLASS INDUSTRIAL CL						ASS	
Well Permi	•	ec	Twp.	Rge.			 				Gallons Per Mo/Produced	
84-33	; ; 33	3 :	T20N	R28E	N/A	 N/A	N/A	 	1656	1	41,583,301	365
 		\$ 6 1 1 1 1	* A	ctuall	y met	ered a	at 191	de,		`:	s 37,962,293 ng cooling.	i
TOTALS:	* ************************************	†	**************************************				!	1	1656	<u> </u>	41,583,301	! !

Method of determining production: Annubar metering brine exiting plant on way to injection well #1-29.

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

Name:

Fred L. Manuel

Operations Engineer

Telephone:

(702) 423-2002

Date:

December 20, 1988

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: TC 587110

County: Churchill

Month of:

October, 1988

LOCATIO	ON	and the city of the way the course over pay the many	COMMERCIAI	CLASS		INDUSTRIAL CLA	SS
Well Permit		Twp. Rge.		 		Gallons Per Mo/Produced	
84-33	33	T20N R28E	N/A N/A	A N/A	1816	42,429,570	365
 		* Actual		at 193	de gre es l	hrs F: 38,750,252 ring cooling.	
TOTALS:	1 1			ŧ	1816	4 2,429,570	- comp name under done come made

Method of determining production: Annubar metering brine exiting plant on way to injection well #1-29.

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

Name:

Von W. Maynard

Operations Superintendent

Telephone:

(702) 423-2002

Date:

November 22, 1988

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: TC 587110

County: Churchill

Month of:

September, 1988

LOCAT	ION		10	COMMERCIAL CLASS INDUSTRIAL					
Well Permi	•	o¦ Twp	. Rge.	† 	1	l F		Gallons Per Mo/Produced 	
84-33	1 33	 T20	N R28E	N/A N	/A N/A	A 1	162.1	41,750,217	365
1 1 1 2 2	\$ \$! ! ! ! *	Producir Actually				720) rees F	hrs : 38,267,999	
***************************************	1							ing cooling.	•
TOTALS:	f (<u> </u>	i i	!	1	1 7	162.1	41,750,217	

Method of determining production: Annubar metering brine exiting plant on way to injection well #1-29.

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

Name:

Von W. Maynard

Voy W. Mayum

Supervisor

Telephone:

(702) 423-2002

Date:

October 7, 1988

KECHVED

OCT 0 4 1988

Description of the section of the se

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: September, 1988

***	LOCATIO	ON	MANUEL MANUEL CANADA AND AND AND AND AND AND AND AND AN	1 1	COMMERCIAL CLASS						INDUSTRIAL CLASS		
	Permit No.	•	Twp.	Rge.	1			***	Prod. Sales (MWH)		Gallons Per Mo/Produced	1 1 1	Avg. Temp
67-21 86-21		21	T22N	R27E	N/A	N/A	N/A			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	50,235,624	1 1	327 327
 				Prod. h	rs thi	s mor	ith, ea	a.	well:		716.65	hı ¦	CS
TOTALS	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;				# 1	1 co- feet arts mad an	1	} 	5724.6	!	100,471,247	1	

Method of determining production: Plant steam and brine flowmeters

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

Name:

Fred J. Manuel for

Von W. Maynard Supervisor

Telephone:

(702) 423-2002

Date:

Oct. 1, 1988

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:

TC 587110

County: Churchill

Month of:

August, 1988

LOCAT	'ION		COMMERCIAL CLASS INDUSTRIAL CLA						
Well Permi No. No.	•	Twp.	Rge.	 	1 1 1	1		Gallons Per Mo/Produced	
84-33	33	TZON	R28E N	/A N/	A N/A	1	1568	43,382,705	365
; { } ;		1	roducing						
	 						-ar-	39,798,528 ng cooling.	; 1 6 6
TOTALS:	f which with some twee cash man	£	make white from adole fails given your wa	 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1568	43,382,705	1

Method of determining production: Annubar metering brine exiting plant on way to injection well #1-29.

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

Name:

In Il Manuel Poro

Von W. Maynard Supervisor

Telephone: (702) 423-2002

Date:

September 16, 1988

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. Bo

P. O. Box 2627 Sparks, NV 89432

Lease: TC 587110 County: Churchill Month of: July, 1988

LOCA	ATION		[C	OMMERCIA	L CLASS ;	TO THE SALE AND ADDRESS OF THE SALE AND SALES	INDUSTRIAL CLASS		
Well Perm	•	Twp.	Rge.	1			Gallons Per Mo/Produced 		
84-33	33	 T201	R28E	N/A N/.	A N/A	1664.4	42,505,806	365	
1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	 	* * *		metered	at 198 d	legrees l	hrs : 38,907,750 ; ring cooling. ;		
TOTALS:			1	<u> </u>	[[1664.4	42,505,806	Ame their aller call trip relie relie	

Method of determining production: Annubar metering brine exiting plant on way to injection well #1-29.

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

Telephone:

Name:

(702) 423-2002

Date:

August 19, 1988

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

Orig - DOM Dup - DON Trip - DWR Quad - NBM&G

GEOTHERMAL PRODUCER'S MONTHLY REPORT

:ompa	٠	tern	Resour States	- Geot	hermal Co.	Addres	s <u>p o</u>	Box 1620, Fa	allon, NV 894	06
ıeàse	\$.00	la Lak	<u>ce</u>		County(Churchill	Mon	th of	Dune .	_, 19 <u>88</u>
					COMP.	ERCIAL CLASS		TNI	OUSTRIAL CLASS	
	LU	CATIO	1.		CON	ERCIAL CLASS				[•
iell lo.	Permit No.	Sec.	Twp.	Rge.	1	Gallons Per Mo/Consumed	Avg. Temp	Production Sales	Gallons Per Ho/Consumed	Avg. Temp
34-33	•	33	T20N	R28E				883.6 MW Hrs	* 21,959,529	365F
		And the second s	•		·		•	at 185f. / this volume	tered 19,980, Bove volume w at 365F due ansion of wat	ould be to
•	Plant a pump li back in	nesha	ft fai	lure	ns were down in well #84-3	from June 6 to 3. The pump v	June 2 vas repa	O, 1988, due ired and plac	to a ed	
		•						· · ·		
			•							••
OTALS		.*	*	- d:: a t	ion: Duite		7 3	·		
ethod here	of det by cert	ermin ify t	ing pr hat th	e info	ormation give	meter on pipe en herewith i	s true,	correct, and	complete.	lett.
	Ŀ	•			•	Name 2		March		
	- :	•				Fre Telephon	d L. Maje (7)	nuel Operatio 02) 423-2002	ons Engineer	
					•	Date ^{Jul}	v 22. 1	988 -		

DEPARTMENT OF MINERALS

400 W. King Street, Suite 106 Carson City, Nevada 89710 (702) 885-5050 Orig - DOM Dup - DOM Trip - DWR Quad - NBM&G

					GEOTHERMAL P	RODUCER'S MON	THLY REI	PORT		
	This re	port '	to be	filed	by the end o	of the month f	ollowin	g the month h	nerein reporte	d
Compa	ny <u>West</u>	ern St	ates G	eother	mal Co.	Addres	s <u>P.O.</u>	Box 5049 San	Ramon Ca. 9458	3-0949
Lease						Churchill				
15	LO	CATIO	N		COM	MERCIAL CLASS		IN	DUSTRIAL CLASS	•
Well No. 4-33	Permit No.		Twp.	Rge.	Sales	Gallons Per Mo/Consumed	Avg. Temp	Production Sales	Gallons Per Mo/Consumed	Avg. Temp
4.33		J.	120N	RZOE				1697 MW	47,102,189	365
		W								
TOTAL	***************************************				*^*					
	d of det eby cert					en herewith i	s true,	correct, and	complete.	
						Name		1 Ontofunda	Σ.	
					•	Telephone		-842-5308 une 1988		<u>-</u>
						Date	200	unc 1/00		

DEPARTMENT OF MINERALS

400 W. King Street, Suite 106 Carson City, Nevada 89710 (702) 885-5050 Orig - DOM Dup - DOM Trip - DWR Quad - NBM&G

GEOTHERMAL PRODUCER'S MONTHLY REPORT

This	report	to	be	filed	bν	the	end	of	the	month	following	the	month	herein	repor	ted
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Compai	ny <u> </u>	Vester	n State	s Geot	hermal Co.	Addres	s <u>P.O.</u>	Box 5049, San	Ramon, Ca. 94	583-0949
Lease	1	-C 58	7110		County C	hurchill	Mon	th of April		, 19 <u>88</u>
	L0	CATION			COMP	MERCIAL CLASS		INI	DUSTRIAL CLASS)
Well No. 84-33	Permit No.	Sec.	Twp.		Production Sales	Gallons Per Mo/Consumed	Avg. Temp	Production Sales 1,441.26 MW Net	Gallons Per Mo/Consumed 39,489,173	Avg. Temp 365
										opposition of the state of the
			**************************************	With the control of t			Andrea de contra			
					¢				·	
TOTAL	S									
Metho I her	d of de	termin	ning pi that th	roduct ne int	tion: formation gi	ven herewith t		correct, and	d complete.	
								-842-5308		
					i	Date	6/6			
						-				

DEPARTMENT OF MINERALS

400 W. King Street, Suite 106 Carson City, Nevada 89710 (702) 885-5050 Orig - DOM Dup - DOM Trip - DWR Quad - NBM&G

GEOTHERMAL PRODUCER'S MONTHLY REPORT

This report to	be	filed	bу	the	end	of	the	month	following	the	month	herein	reported
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Lease	<u>T-C</u>	5871	0		County _C	Churchill	Mon	th of March	and the second s	_, 19_88	
LOCATION					COM	MERCIAL CLASS	-	INDUSTRIAL CLASS			
Well No. 84-33	Permit No.	Sec. 33	-Twp. T 20N	}		Gallons Per Mo/Consumed	Avg. Temp		Gallons Per Mo/Consumed 39,949,219	Avg. Temp 365	
·											
					•						
	d of det					en herewith i Namel Telephon	D. Wolfe	2-5308	complete.		



Chevron Resources Company

A Division of Chevron Industries, Inc. 6001 Bollinger Canyon Road, San Ramon, California Mail Address: P.O. Box 5049, San Ramon, CA 94583-0949



APR 0 8 1988

April 5, 1988PT OF MINERALS

Mr. Richard L. Reyburn, Director State of Nevada, Department of Minerals 400 West King St. Carson City NV 89710

SODA LAKE GEOTHERMAL UNIT

Dear Mr. Reyburn:

Chevron Resources Company, agent for Western States Geothermal Company and Chevron U.S.A. Inc. (Unit Operator) is pleased to announce the completion of construction and start of operations of the 3.6 MW (gross) binary power plant at the Soda Lake Geothermal Unit in Churchill County. Ormat Systems Inc. of Sparks, NV is the power plant operator and Chevron is the operator of the geothermal production and injection facilities.

Enclosed for your review and files are monthly production and injection reports for December, January and February. Operations in December were minimal as we were in the midst of testing and start-up operations. Should you have any questions regarding these reports please feel free to contact me at (415) 842-5322. Additional copies are enclosed for your inter-department distribution.

Thank you for your time and consideration regarding this matter.

Respectfully,

Mark Kehoe

cc. V. Maynard, Chevron, Desert Peak
M. Morrison, Ormat Systems, Sparks

DEPARTMENT OF MINERALS

400 W. King Street, Suite 106 Carson City, Nevada 89710 (702) 885-5050 Orig - DOM Dup - DOM Trip - DWR Quad - NBM&G

					GEOTHERMAL P	RODUCER'S MONT	THLY REF	PORT			
	This rep	oort 1	to be 1	filed	by the end c	of the month f	ollowin	g the month h	erein reporte	d	
Compa	ny Wes	stern S	States (Geothe	ermal Co.	Addres	s <u>P.O. F</u>	Sox 5049 San Ra	amon Ca. 94583	-0949	
Lease	:T-	C 587	110		County _C	hurchill	Mon	th of Feb		, 19 <u>88</u>	
*************************************	1 00	CATIO	V		сом	MERCIAL CLASS		INDUSTRIAL CLASS			
Well No:	Permit		Twp.	Rge.	Production	Gallons Per Mo/Consumed	Avg. Temp	Production Sales	Gallons Per Mo	Avg. Temp	
4-33	- 1	33	T 20N	1	j			1,304.28 MW	33,278,000	366 ⁰	
				<u>.</u>							
						- Agent - Agen					

									Average de la constitución de la		
						*Note[Total produ	tion w/no	consumption]			
TOTAL									, <u>, , , , , , , , , , , , , , , , , , </u>	<u></u>	
Metho	d of det	ermin	ing pr	oduct	ion:	en herewith i	s true.	correct, and	complete.		
1 ner	eby ceri	ту с	ilde ell	e III	Offilia Croft grv	Name	D.G. 8		auth		
						Telephon	e 415-8	42-25306			
					,	Date		lar 88			

DEPARTMENT OF MINERALS

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

Orig - DOM Dup - DOM Trip - DWR Quad - NBM&G

Company <u>We</u>	stern St			Addres					
Lease <u>T</u> -	C 58711	.0	 County	Churchill	Mon	th of _{January}	·	, 19 ₈₈	
L	OCATION		сом	MERCIAL CLASS	MAXABAMBA TITLE	INDUSTRIAL CLASS			
Well Permi No. No.	Sec. 33	- Twp. T 20N		Gallons Per Mo/Consumed	Avg. Temp	ProductionSales 1,276 MW	Gallons Per Mo 32,422,831	Avg. Temp 364°	
TOTALS Method of de				en herewith i	s true,		tion w/no conso complete.	mption]	