

STATE OF NEVADA  
 DEPARTMENT OF MINERALS  
 400 W. King Street, Suite 106  
 Carson City, Nevada 89710  
 (702) 687-5050

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Div. of Minerals

GEOHERMAL PRODUCER'S MONTHLY REPORT

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

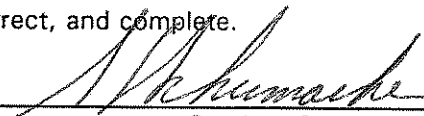
Company Oxbow Geothermal Corp. Address 5250 S. Virginia St., Suite 304, Reno, NV 89502

Lease Dixie Valley Unit County Churchill Month of December 1993

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec.	Twp.	Rge.	Prod. Sales	Gallons Per Month	Ave. Temp.	Production Sales	Gallons Per Mo/Consumed	Ave. Temp.
27-33	46951	33	25N	37E					33.32 Mgal	340 Deg F.
28-33	41243	33	25N	37E					73.84 Mgal	332 Deg F.
45-33	47142	33	25N	37E					33.73 Mgal	335 Deg F.
63-7	47214	7	24N	37E					68.11 Mgal	334 Deg F.
73-7	47274	7	24N	37E					52.29 Mgal	329 Deg F.
74-7	47265	7	24N	37E					46.60 Mgal	335 Deg F.
76-7	47278	7	24N	37E					67.79 Mgal	337 Deg F.
82-7	47288	7	24N	37E					68.77 Mgal	331 Deg F.
84-7	41929	7	24N	37E					32.72 Mgal	337 Deg F.
<b>Totals</b>								39665.4 MWH	477.18 Mgal	

Method of determining production: Flow Metering

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

Name   
 Stephen Schumacher

Telephone (702) 825-4345

Date 1/28/94



## **DIXIE VALLEY GEOTHERMAL UNIT QUARTERLY PROGRESS REPORT FOURTH QUARTER 1993**

Oxbow's Dixie Valley geothermal power plant completed this quarter with only minor curtailments, and unscheduled trips.

### **POWER PLANT**

The plant operated through the months of October, November and December at capacity factors of 110%, 112% and 107%, respectively. The annual capacity factor is 110% and the availability factor for the year is 99%.

### **TRANSMISSION LINE**

One floating overhead wire was found during a routine inspection and was repaired in October. The transmission line went out of service in early December due to dirty insulators in the switchyard arcing over. The insulators were cleaned and the line placed back in service.

### **INJECTION SYSTEM**

All eight injection wells were in-service this quarter.

### **PRODUCTION WELLS**

All other production wells were in-service this quarter. The production wells are throttled back to maintain a net 56 MW at Bishop.

### **PARTICIPATING AREA**

There were no changes in the P.A. during this quarter.

### **UNIT DEVELOPMENT**

Oxbow is in the process of drilling a production well on the Caithness leases in Section 23. Two dry legs have been completed, a second drilling site is being discussed.

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**GEOHERMAL PRODUCER'S MONTHLY REPORT**

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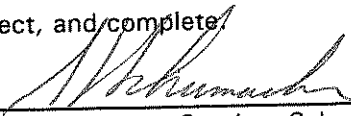
Company Oxbow Geothermal Corp. Address 5250 S. Virginia St., Suite 304, Reno, NV 89502

Lease Dixie Valley Unit County Churchill Month of November 1993

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec.	Twp.	Rge.	Prod. Sales	Gallons Per Month	Ave. Temp.	Production Sales	Gallons Per Mo/Consumed	Ave. Temp.
27-33	46951	33	25N	37E					31.85 Mgal	340 Deg F.
28-33	41243	33	25N	37E					71.97 Mgal	333 Deg F.
45-33	47142	33	25N	37E					31.54 Mgal	336 Deg F.
63-7	47214	7	24N	37E					66.30 Mgal	334 Deg F.
73-7	47274	7	24N	37E					49.75 Mgal	330 Deg F.
74-7	47265	7	24N	37E					47.08 Mgal	335 Deg F.
76-7	47278	7	24N	37E					58.20 Mgal	326 Deg F.
82-7	47288	7	24N	37E					71.42 Mgal	333 Deg F.
84-7	41929	7	24N	37E					31.65 Mgal	337 Deg F.
<b>Totals</b>								40195.8 MWH	459.76 Mgal	

Method of determining production: Flow Metering

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

Name   
 Stephen Schumacher

Telephone (702) 825-4345

Date 12/29/93

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DEC 03 1993

GEOHERMAL PRODUCER'S MONTHLY REPORT

Div. of Minerals

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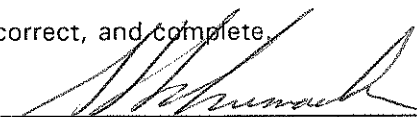
Company Oxbow Geothermal Corp. Address 5250 S. Virginia St., Suite 304, Reno, NV 89502

Lease Dixie Valley Unit County Churchill Month of October 1993

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec.	Twp.	Rge.	Prod. Sales	Gallons Per Month	Ave. Temp.	Production Sales	Gallons Per Mo/Consumed	Ave. Temp.
27-33	46951	33	25N	37E					32.21 Mgal	336 Deg F.
28-33	41243	33	25N	37E					65.92 Mgal	267 Deg F.
45-33	47142	33	25N	37E					31.41 Mgal	332 Deg F.
63-7	47214	7	24N	37E					69.02 Mgal	333 Deg F.
73-7	47274	7	24N	37E					49.01 Mgal	328 Deg F.
74-7	47265	7	24N	37E					50.81 Mgal	333 Deg F.
76-7	47278	7	24N	37E					75.65 Mgal	325 Deg F.
82-7	47288	7	24N	37E					76.75 Mgal	330 Deg F.
84-7	41929	7	24N	37E					32.76 Mgal	335 Deg F.
Totals								40906.0 MWH	483.53 Mgal	

Method of determining production: Flow Metering

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

Name   
 Stephen Schumacher

Telephone (702) 825-4345

Date 12/1/93

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Company Oxbow Geothermal Corp. Address 5250 S. Virginia St., Suite 304, Reno, NV 89502

Lease Dixie Valley Unit County Churchill Month of September 1993

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec.	Twp.	Rge.	Prod. Sales	Gallons Per Month	Ave. Temp.	Production Sales	Gallons Per Mo/Consumed	Ave. Temp.
27-33	46951	33	25N	37E					22.16 Mgal	333 Deg F.
28-33	41243	33	25N	37E					50.96 Mgal	327 Deg F.
45-33	47142	33	25N	37E					21.49 Mgal	329 Deg F.
63-7	47214	7	24N	37E					68.60 Mgal	332 Deg F.
73-7	47274	7	24N	37E					51.29 Mgal	327 Deg F.
74-7	47265	7	24N	37E					50.50 Mgal	331 Deg F.
76-7	47278	7	24N	37E					78.32 Mgal	334 Deg F.
82-7	47288	7	24N	37E					80.32 Mgal	329 Deg F.
84-7	41929	7	24N	37E					32.56 Mgal	333 Deg F.
<b>Totals</b>								39413.1 MWH	456.19 Mgal	

Method of determining production: Flow Metering

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

Name   
 Stephen Schumacher

Telephone (702) 825-4345

Date 10/28/93

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OCT 21 1993  
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## **DIXIE VALLEY GEOTHERMAL UNIT QUARTERLY PROGRESS REPORT THIRD QUARTER 1993**

Oxbow's Dixie Valley geothermal power plant completed this quarter with only minor curtailments, and unscheduled trips.

### **POWER PLANT**

The plant operated through the months of July, August and September at capacity factors of 110%, 112% and 110%, respectively. The annual capacity factor to date is 110% and the availability factor for the year is 99.8%.

### **TRANSMISSION LINE**

There have been various curtailments by SCE while performing line maintenance. One floating overhead wire was found during a routine inspection and will be repaired in October.

### **INJECTION SYSTEM**

All eight injection wells were in-service this quarter. Injection pipeline cleaning was performed this quarter. The brine injection pump cans were cleaned out this quarter.

### **PRODUCTION WELLS**

Production Well 76-7 is back in service. Production wells 27-33, 84-7, and 28-33 have been reworked and placed back in service.

All other production wells were in-service this quarter. The production wells are throttled back to maintain a net 56 MW at Bishop.

### **PARTICIPATING AREA**

There were no changes in the P.A. during this quarter.

### **UNIT DEVELOPMENT**

Oxbow is in the process of drilling a production well on the Caithness leases in Section 23. One dry leg has been completed, a second leg from the same hole is in the process of being drilled.

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GEOTHERMAL PRODUCER'S MONTHLY REPORT

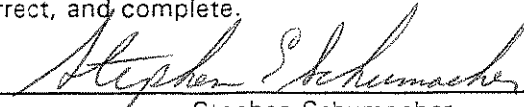
This report to be filed by the end of the month following the month herein reported

Company Oxbow Geothermal Corp. Address 5250 S. Virginia St., Suite 304, Reno, NV 89502  
Lease Dixie Valley Unit County Churchill Month of August 1993

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec.	Twp.	Rge.	Prod. Sales	Gallons Per Month	Ave. Temp.	Production Sales	Gallons Per Mo/Consumed	Ave. Temp.
27-33	46951	33	25N	37E					15.50 Mgal	334 Deg F.
28-33	41243	33	25N	37E					69.40 Mgal	331 Deg F.
45-33	47142	33	25N	37E					29.50 Mgal	331 Deg F.
63-7	47214	7	24N	37E					71.03 Mgal	334 Deg F.
73-7	47274	7	24N	37E					52.89 Mgal	329 Deg F.
74-7	47265	7	24N	37E					52.08 Mgal	332 Deg F.
76-7	47278	7	24N	37E					103.53 Mgal	335 Deg F.
82-7	47288	7	24N	37E					82.83 Mgal	331 Deg F.
84-7	41929	7	24N	37E					25.68 Mgal	335 Deg F.
<b>Totals</b>								41475.4 MWH	502.44 Mgal	

Method of determining production: Flow Metering

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

Name   
Stephen Schumacher  
Telephone (702) 825-4345  
Date 9/29/93

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Company Oxbow Geothermal Corp. Address 5250 S. Virginia St., Suite 304, Reno, NV 89502

Lease Dixie Valley Unit County Churchill Month of July 1993

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec.	Twp.	Rge.	Prod. Sales	Gallons Per Month	Ave. Temp.	Production Sales	Gallons Per Mo/Consumed	Ave. Temp.
27-33	46951	33	25N	37E					41.46 Mgal	336 Deg F.
28-33	41243	33	25N	37E					95.35 Mgal	333 Deg F.
45-33	47142	33	25N	37E					40.22 Mgal	334 Deg F.
63-7	47214	7	24N	37E					73.12 Mgal	333 Deg F.
73-7	47274	7	24N	37E					57.73 Mgal	328 Deg F.
74-7	47265	7	24N	37E					53.82 Mgal	331 Deg F.
76-7	47278	7	24N	37E					139.29 Mgal	336 Deg F.
82-7	47288	7	24N	37E					90.41 Mgal	329 Deg F.
84-7	41929	7	24N	37E					34.70 Mgal	332 Deg F.
<b>Totals</b>								<b>40801.8 MWH</b>	<b>626.09 Mgal</b>	

Method of determining production: Flow Metering

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

Name   
Stephen Schumacher

Telephone (702) 825-4345

Date 8/27/93



STATE OF NEVADA  
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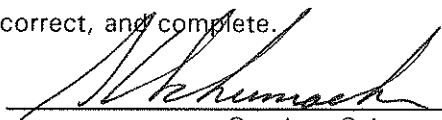
Company Oxbow Geothermal Corp. Address 5250 S. Virginia St., Suite 304, Reno, NV 89502

Lease Dixie Valley Unit County Churchill Month of June 1993

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec.	Twp.	Rge.	Prod. Sales	Gallons Per Month	Ave. Temp.	Production Sales	Gallons Per Mo/Consumed	Ave. Temp.
27-33	46951	33	25N	37E					36.00 Mgal	337 Deg F.
28-33	41243	33	25N	37E					82.80 Mgal	334 Deg F.
45-33	47142	33	25N	37E					34.93 Mgal	334 Deg F.
63-7	47214	7	24N	37E					73.19 Mgal	333 Deg F.
73-7	47274	7	24N	37E					57.13 Mgal	328 Deg F.
74-7	47265	7	24N	37E					53.87 Mgal	331 Deg F.
76-7	47278	7	24N	37E					0.00 Mgal	0 Deg F.
82-7	47288	7	24N	37E					89.47 Mgal	329 Deg F.
84-7	41929	7	24N	37E					34.74 Mgal	333 Deg F.
<b>Totals</b>								39789.2 MWH	462.13 Mgal	

Method of determining production: Flow Metering

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

Name   
 Stephen Schumacher

Telephone (702) 825-4345

Date 7/27/93



## **DIXIE VALLEY GEOTHERMAL UNIT QUARTERLY PROGRESS REPORT SECOND QUARTER 1993**

Oxbow's Dixie Valley geothermal power plant completed this quarter with only minor curtailments, and unscheduled trips.

### **POWER PLANT**

The plant operated through the months of April, May and June at capacity factors of 109%, 106% and 111%, respectively. The annual capacity factor to date is 110% and the availability factor for the year is 99.8%.

### **TRANSMISSION LINE**

There have been various curtailments by SCE while performing line maintenance.

### **INJECTION SYSTEM**

All eight injection wells were in-service this quarter. Injection pipeline cleaning was performed this quarter. All brine is being injected.

### **PRODUCTION WELLS**

Production Well 76-7 is in the process of being redrilled. It is expected to be back in service in mid July.

All other production wells were in-service this quarter. The production wells are throttled back to maintain a net 56 MW at Bishop.

### **PARTICIPATING AREA**

There were no changes in the P.A. during this quarter.

### **UNIT DEVELOPMENT**

Oxbow is in the process of building a road and pad for drilling a well for Caithness in Section 23.



O X B O W   G E O T H E R M A L

July 1, 1993

Mr. Tom Gallagher  
Division of Water Resources  
123 West Nye Lane  
Carson City, Nevada 89710

Subject: Second Quarter, 1993, Dixie Valley water  
production, injection and consumption.

Dear Tom:

Enclosed is the second quarter report on the 1993 water  
production, injection and consumption for the Dixie Valley  
geothermal power plant. Also included are the yearly  
cumulative and the totals for all the quarters.

If you have any questions please call me or Dick Benoit.  
Thank you.

Sincerely,



William L. Desormier  
Geologist

*Distribution:* T. Diehl  
C.D. Wells  
R. Hoops, BLM  
K. Loomis, DOM

Division Of Water Resources  
 123 West Nye Lane  
 Carson City, Nevada 89710  
 (702) 687-4380

Oxbow Geothermal Corporation  
 5250 South Virginia Street, Suite 304  
 Reno, Nevada 89502  
 (702) 825-4345

**Dixie Valley Power Plant**

Well	Second Quarter 1993		Geothermal Water Produced	
	April	May	June	Total
27-33	109.47	113.94	110.11	333.52
28-33	251.75	262.03	253.22	767.00
45-33	106.20	110.53	106.82	323.55
63-7	225.35	228.67	223.85	677.87
73-7	176.34	182.15	174.73	533.22
74-7	165.88	168.32	164.77	498.96
76-7	0.00	0.00	0.00	0.00
82-7	276.16	285.25	273.64	835.06
84-7	106.95	108.52	106.23	321.70
<b>Total</b>	<b>1418.10</b>	<b>1459.41</b>	<b>1413.37</b>	<b>4290.87</b> acre-feet

Well	Second Quarter 1993		Potable Water Produced	
	April	May	June	Total
W62-7	0.2	0.31	0.23	0.74
W45-5	0.00	0.00	0.00	0.00
<b>Total</b>	<b>0.20</b>	<b>0.31</b>	<b>0.23</b>	<b>0.74</b> acre-feet

Well	Second Quarter 1993		Injected Water	
	April	May	June	Total
25-5	485.51	465.99	465.26	1416.76
45-5	135.54	142.15	147.00	424.69
32-18	96.77	98.03	102.78	297.58
41-18	103.10	99.99	99.97	303.06
52-18	53.66	48.33	49.22	151.21
65-18	103.90	101.04	100.19	305.13
SWL-1	41.10	36.61	39.88	117.60
SWL-3	118.31	114.93	116.64	349.88
<b>Total</b>	<b>1137.89</b>	<b>1107.07</b>	<b>1120.95</b>	<b>3365.91</b> acre-feet

Potable	Second Quarter		Totals	(acre-feet)	
	Geothermal	Production Total		Injection	Consumption
0.74	4290.87	4291.61		3365.91	925.70

Potable	1993		Totals	(acre-feet)	
	Geothermal	Cumulative Production Total		Injection	Consumption
1.16	8571.59	8572.75		6797.43	1775.32

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**GEOTHERMAL PRODUCER'S MONTHLY REPORT**

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Company Oxbow Geothermal Corp. Address 5250 S. Virginia St., Suite 304, Reno, NV 89502

Lease Dixie Valley Unit County Churchill Month of May 1993

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec.	Twp.	Rge.	Prod. Sales	Gallons Per Month	Ave. Temp.	Production Sales	Gallons Per Mo/Consumed	Ave. Temp.
27-33	46951	33	25N	37E					37.25 Mgal	338 Deg F.
28-33	41243	33	25N	37E					85.68 Mgal	334 Deg F.
45-33	47142	33	25N	37E					36.14 Mgal	335 Deg F.
63-7	47214	7	24N	37E					74.77 Mgal	333 Deg F.
73-7	47274	7	24N	37E					59.56 Mgal	328 Deg F.
74-7	47265	7	24N	37E					55.03 Mgal	332 Deg F.
76-7	47278	7	24N	37E					0.00 Mgal	0 Deg F.
82-7	47288	7	24N	37E					93.27 Mgal	329 Deg F.
84-7	41929	7	24N	37E					35.48 Mgal	334 Deg F.
<b>Totals</b>								<b>39553.5 MWH</b>	<b>477.18 Mgal</b>	

Method of determining production: Flow Metering

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

Name   
Stephen Schumacher

Telephone (702) 825-4345

Date 2/1/93

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Company Oxbow Geothermal Corp. Address 5250 S. Virginia St., Suite 304, Reno, NV 89502

Lease Dixie Valley Unit County Churchill Month of April 1993

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec.	Twp.	Rge.	Prod. Sales	Gallons Per Month	Ave. Temp.	Production Sales	Gallons Per Mo/Consumed	Ave. Temp.
27-33	46951	33	25N	37E					35.79 Mgal	338 Deg F.
28-33	41243	33	25N	37E					82.32 Mgal	334 Deg F.
45-33	47142	33	25N	37E					34.72 Mgal	338 Deg F.
63-7	47214	7	24N	37E					73.68 Mgal	334 Deg F.
73-7	47274	7	24N	37E					57.66 Mgal	328 Deg F.
74-7	47265	7	24N	37E					54.24 Mgal	333 Deg F.
76-7	47278	7	24N	37E					0.00 Mgal	0 Deg F.
82-7	47288	7	24N	37E					90.30 Mgal	330 Deg F.
84-7	41929	7	24N	37E					34.97 Mgal	335 Deg F.
<b>Totals</b>								39116.6 MWH	463.68 Mgal	

Method of determining production: Flow Metering

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

Name   
 Stephen Schumacher

Telephone (702) 825-4345

Date 5/26/93

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GEOHERMAL PRODUCER'S MONTHLY REPORT

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Company Oxbow Geothermal Corp. Address 5250 S. Virginia St., Suite 304, Reno, NV 89502

Lease Dixie Valley Unit County Churchill Month of March 1993

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec.	Twp.	Rge.	Prod. Sales	Gallons Per Month	Ave. Temp.	Production Sales	Gallons Per Mo/Consumed	Ave. Temp.
27-33	46951	33	25N	37E					36.86 Mgal	338 Deg F.
28-33	41243	33	25N	37E					84.77 Mgal	333 Deg F.
45-33	47142	33	25N	37E					35.76 Mgal	337 Deg F.
63-7	47214	7	24N	37E					75.07 Mgal	333 Deg F.
73-7	47274	7	24N	37E					60.33 Mgal	328 Deg F.
74-7	47265	7	24N	37E					55.26 Mgal	333 Deg F.
76-7	47278	7	24N	37E					0.00 Mgal	0-Deg F.
82-7	47288	7	24N	37E					94.49 Mgal	330 Deg F.
84-7	41929	7	24N	37E					35.63 Mgal	334 Deg F.
<b>Totals</b>								41495.5 MWH	478.18 Mgal	

Method of determining production: Flow Metering

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

Name   
 Stephen Schumacher

Telephone (702) 825-4345

Date 4/20/93



## **DIXIE VALLEY GEOTHERMAL UNIT QUARTERLY PROGRESS REPORT FIRST QUARTER 1993**

Oxbow's Dixie Valley geothermal power plant completed this quarter with only minor curtailments, and unscheduled trips.

### **POWER PLANT**

The plant operated through the months of January, February and March at capacity factors of 111%, 111% and 111%, respectively. The annual capacity factor to date is 111% and the availability factor for the year is 99.9%.

### **TRANSMISSION LINE**

There have been various curtailments by SCE while performing line maintenance.

### **INJECTION SYSTEM**

All eight injection wells were in-service this quarter. Injection pipeline cleaning was performed this quarter. All brine is being injected.

### **PRODUCTION WELLS**

Production Well 76-7 was closed in due to cooling and poor performance. Well 76-7 was briefly tested in February and taken back out of service.

All other production wells were in-service this quarter. The production wells are throttled back to maintain a net 56 MW at Bishop.

### **PARTICIPATING AREA**

There were no changes in the P.A. during this quarter.

### **SURFACE DISCHARGE**

There were a couple of incidences when there were brief surface discharges for various maintenance work. All surface discharges were within allowable permit requirements.





O X B O W   G E O T H E R M A L

RECEIVED

APR 02 1993

Dept. of Minerals

April 1, 1993

Mr. Tom Gallagher  
Division of Water Resources  
123 West Nye Lane  
Carson City, Nevada 89710

Subject: First Quarter, 1993, Dixie Valley water production,  
injection and consumption.

Dear Tom:

Enclosed is the first quarter report on the 1993 water  
production, injection and consumption for the Dixie Valley  
geothermal power plant.

If you have any questions please call me or Dick Benoit.  
Thank you.

Sincerely,

William L. Desormier  
Geologist

*Distribution:* T. Diehl  
C.D. Wells  
R. Hoops, BLM  
K. Loomis, DOM

Division Of Water Resources  
 123 West Nye Lane  
 Carson City, Nevada 89710  
 (702) 687-4380

Oxbow Geothermal Corporation  
 5250 South Virginia Street, Suite 304  
 Reno, Nevada 89502  
 (702) 825-4345

Dixie Valley Power Plant

Well	First Quarter	1993		Geothermal Water Produced	
	January	February	March	Total	
27-33	112.69	102.66	112.74	328.09	
28-33	259.16	236.09	259.27	754.52	
45-33	109.32	99.59	109.37	318.28	
63-7	230.56	206.63	229.60	666.79	
73-7	185.79	167.23	184.52	537.54	
74-7	169.71	152.09	169.01	490.81	
76-7	0.00	26.40	0.00	26.40	
82-7	290.96	261.90	288.97	841.83	
84-7	109.42	98.06	108.97	316.45	
<b>Total</b>	<b>1467.60</b>	<b>1350.67</b>	<b>1462.45</b>	<b>4280.72 acre-feet</b>	

Well	First Quarter	1993		Potable Water Produced	
	January	February	March	Total	
W62-7	0.18	0.12	0.12	0.42	
W45-5	0.00	0.00	0.00	0.00	
<b>Total</b>	<b>0.18</b>	<b>0.12</b>	<b>0.12</b>	<b>0.42 acre-feet</b>	

Well	First Quarter	1993		Injected Water	
	January	February	March	Total	
25-5	521.91	469.32	493.40	1484.63	
45-5	130.02	110.89	135.96	376.88	
32-18	111.24	100.23	108.56	320.03	
41-18	111.04	98.29	105.00	314.33	
52-18	51.01	43.06	46.86	140.93	
65-18	113.85	102.31	105.30	321.46	
SWL-1	53.64	45.19	44.25	143.08	
SWL-3	112.92	102.84	114.42	330.18	
<b>Total</b>	<b>1205.63</b>	<b>1072.14</b>	<b>1153.75</b>	<b>3431.52 acre-feet</b>	

Potable	First Quarter	Totals		(acre-feet)	
	Geothermal	Production	Total	Injection	Consumption
0.42	4280.72	4281.14		3431.52	849.62

Potable	1993	Cumulative		(acre-feet)	
	Geothermal	Production	Total	Injection	Consumption
0.42	4280.72	4281.14		3431.52	849.62

STATE OF NEVADA  
DEPARTMENT OF MINERALS  
400 W. King Street, Suite 106  
Carson City, Nevada 89710  
(702) 687-5050

GEOHERMAL PRODUCER'S MONTHLY REPORT

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

Company Oxbow Geothermal Corp. Address 5250 S. Virginia St., Suite 304, Reno, NV 89502

Lease Dixie Valley Unit County Churchill Month of February 1993

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec.	Twp.	Rge.	Prod. Sales	Gallons Per Month	Ave. Temp.	Production Sales	Gallons Per Mo/Consumed	Ave. Temp.
27-33	46951	33	25N	37E					33.57 Mgal	339 Deg F.
28-33	41243	33	25N	37E					77.19 Mgal	333 Deg F.
45-33	47142	33	25N	37E					32.56 Mgal	337 Deg F.
63-7	47214	7	24N	37E					67.56 Mgal	333 Deg F.
73-7	47274	7	24N	37E					54.68 Mgal	328 Deg F.
74-7	47265	7	24N	37E					49.73 Mgal	333 Deg F.
76-7	47278	7	24N	37E					8.63 Mgal	0 Deg F.
82-7	47288	7	24N	37E					85.63 Mgal	329 Deg F.
84-7	41929	7	24N	37E					32.06 Mgal	335 Deg F.
<b>Totals</b>								37217.2 MWH	441.63 Mgal	

Method of determining production: Flow Metering

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

Name   
Stephen Schumacher

Telephone (702) 825-4345

Date 3/29/93

STATE OF NEVADA  
 DEPARTMENT OF MINERALS  
 400 W. King Street, Suite 106  
 Carson City, Nevada 89710  
 (702) 687-5050

GEOHERMAL PRODUCER'S MONTHLY REPORT

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

Company Oxbow Geothermal Corp. Address 5250 S. Virginia St., Suite 304, Reno, NV 89502

Lease Dixie Valley Unit County Churchill Month of January 1993

LOCATION					COMMERCIAL CLASS			INDUSTRIAL CLASS		
Well No.	Permit No.	Sec.	Twp.	Rge.	Prod. Sales	Gallons Per Month	Ave. Temp.	Production Sales	Gallons Per Mo/Consumed	Ave. Temp.
27-33	46951	33	25N	37E					36.85 Mgal	339 Deg F.
28-33	41243	33	25N	37E					84.74 Mgal	331 Deg F.
45-33	47142	33	25N	37E					35.75 Mgal	337 Deg F.
63-7	47214	7	24N	37E					75.39 Mgal	332 Deg F.
73-7	47274	7	24N	37E					60.75 Mgal	329 Deg F.
74-7	47265	7	24N	37E					55.49 Mgal	333 Deg F.
76-7	47278	7	24N	37E					0.00 Mgal	0 Deg F.
82-7	47288	7	24N	37E					95.13 Mgal	329 Deg F.
84-7	41929	7	24N	37E					35.78 Mgal	335 Deg F.
<b>Totals</b>								<b>41353.5 MWH</b>	<b>479.86 Mgal</b>	

Method of determining production: Flow Metering

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

Name *Stephen Schumacher*  
 Stephen Schumacher

Telephone (702) 825-4345

Date 2/24/93