



O X B O W   P O W E R   S E R V I C E S ,   I N C .

January 4, 1993

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JAN 06 1993

Dept. of Minerals

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

Subject: Fourth Quarter, 1992, Brady water production,  
injection and consumption.

Dear Tom:

Enclosed is the fourth quarter report on the 1992 water  
production, injection and consumption for the Brady  
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  
A. Herrick  
R. Hoops, BLM  
K. Loomis, DOM

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

Oxbow Power Services, Inc.  
 P.O. Box 649  
 Fernley, NV 89408  
 (702) 423-5800

**Brady Power Plant**

Well	1992 Geothermal Water Produced			Total
	Fourth Quarter	October	November	
55-1	50.00	38.44	0.00	88.45
56A-1	0.00	0.00	191.45	191.45
46-1	280.40	269.54	287.29	837.23
56B-1*	63.11	0.00	17.95	81.06
56-1	57.28	7.12	92.86	157.26
46A-1**	230.44	266.69	284.17	781.30
47A-1	142.47	0.00	249.81	392.28
47C-1	285.31	277.78	289.36	852.45
<b>Total</b>	<b>1109.02</b>	<b>859.57</b>	<b>1412.88</b>	<b>3381.46</b> acre-feet

\*Well 56B-1 formerly had the designation of 57A-1.

\*\*Well 46A-1 formerly had the designation of 47-1.

Well	1992 Injected Water			Total
	Fourth Quarter	October	November	
81B-1	392.45	194.52	421.12	1008.08
81A-1	0.00	0.00	0.00	0.00
18D-31	0.00	0.00	0.00	0.00
18B-31	418.00	441.81	394.33	1254.14
MGI-2	73.21	64.20	361.47	498.88
<b>Total</b>	<b>883.66</b>	<b>700.53</b>	<b>1176.92</b>	<b>2761.11</b> acre-feet

Potable	Fourth Quarter		Totals (acre-feet)	
	Geothermal	Production Total	Injection	Consumption
0.00	3381.46	3381.46	2761.11	620.35

Potable	1992 Cumulative		(acre-feet)	
	Geothermal	Production Total	Injection	Consumption
0.00	7715.54	7715.54	5822.66	1892.88

1992		Cumulative		(acre-feet)	
Potable	Geothermal	Production	Total	Injection	Consumption
0.00	7715.54	7715.54		5822.66	1892.88

First		Quarter		Totals (acre-feet)	
Potable	Geothermal	Production	Total	Injection	Consumption
0.00	4.00	4.00		0.00	4.00

Second		Quarter		Totals (acre-feet)	
Potable	Geothermal	Production	Total	Injection	Consumption
0.00	830.20	830.20		465.21	364.99

Third		Quarter		Totals (acre-feet)	
Potable	Geothermal	Production	Total	Injection	Consumption
0.00	3499.88	3499.88		2596.35	903.53

Fourth		Quarter		Totals (acre-feet)	
Potable	Geothermal	Production	Total	Injection	Consumption
0.00	3381.46	3381.46		2761.11	620.35

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

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Dept. of Minerals

GEOTHERMAL PRODUCER'S MONTHLY REPORT

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

Company Oxbow Power Services, Inc. Address P.O. Box 649, Fernley, NV 89408  
 Lease Brady SPL-6282 County Churchill Month of December 1992

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.
55-1	320	1	22N	26E					0.00 Mgal	0 Deg F.
56A-1	321	1	22N	26E					62.60 Mgal	338 Deg F.
46-1	318	1	22N	26E					93.94 Mgal	351 Deg F.
56B-1 *	282	1	22N	26E					5.87 Mgal	341 Deg F.
56-1	277	1	22N	26E					30.36 Mgal	339 Deg F.
46A-1 *	319	1	22N	26E					92.91 Mgal	351 Deg F.
47A-1	315	1	22N	26E					81.68 Mgal	343 Deg F.
47C-1	317	1	22N	26E					94.61 Mgal	355 Deg F.
<b>Totals</b>								12123.0 MWH	461.97 Mgal	

Method of determining production: Flow Metering

\*Well 56B-1 formerly had the designation of 57A-1.

\*Well 46A-1 formerly had the designation of 47-1.

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

Name William L. Desormier  
 William L. Desormier

Telephone (702) 825-4345

Date 1-4-93

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

GEOTHERMAL PRODUCER'S MONTHLY REPORT

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

Company Oxbow Power Services, Inc. Address P.O. Box 649, Fernley, NV 89408  
 Lease Brady SPL-6282 County Churchill Month of November 1992

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.
55-1	320	1	22N	26E					12.57 Mgal	331 Deg F.
56A-1	321	1	22N	26E					0.00 Mgal	0 Deg F.
46-1	318	1	22N	26E					88.13 Mgal	351 Deg F.
56B-1*	282	1	22N	26E					0.00 Mgal	0 Deg F.
56-1	277	1	22N	26E					2.33 Mgal	344 Deg F.
46A-1*	319	1	22N	26E					87.20 Mgal	351 Deg F.
47A-1	315	1	22N	26E					0.00 Mgal	0 Deg F.
47C-1	317	1	22N	26E					90.83 Mgal	355 Deg F.
<b>Totals</b>								5112.0 MWH	281.05 Mgal	

Method of determining production: Flow Metering

\*Well 56B-1 formerly had the designation of 57A-1.

\*Well 46A-1 formerly had the designation of 47-1.

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

Name William L. Desormier

Telephone (702) 825-4345

Date 12-1-92

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

**GEOTHERMAL PRODUCER'S MONTHLY REPORT**

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

Company Oxbow Power Services, Inc. Address P.O. Box 649, Fernley, NV 89408

Lease Brady SPL-6282 County Churchill Month of October 1992

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.
55-1	320	1	22N	26E					16.35 Mgal	329 Deg F.
56A-1	321	1	22N	26E					0.00 Mgal	0 Deg F.
46-1	318	1	22N	26E					91.68 Mgal	352 Deg F.
56B-1*	282	1	22N	26E					20.64 Mgal	343 Deg F.
56-1	277	1	22N	26E					18.73 Mgal	345 Deg F.
46A-1*	319	1	22N	26E					75.35 Mgal	352 Deg F.
47A-1	315	1	22N	26E					46.58 Mgal	346 Deg F.
47C-1	317	1	22N	26E					93.29 Mgal	354 Deg F.
<b>Totals</b>								8653.0 MWH	362.62 Mgal	

Method of determining production: Flow Metering

\*Well 56B-1 formerly had the designation of 57A-1.

\*Well 46A-1 formerly had the designation of 47-1.

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

Name William L. Desormier  
 William L. Desormier

Telephone (702) 825-4345

Date 11-2-92

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Dept. of Minerals

OXBOW POWER SERVICES, INC.

October 1, 1992

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

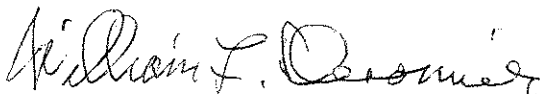
Subject: Third Quarter, 1992, Brady water production,  
injection and consumption.

Dear Tom:

Enclosed is the third quarter report on the 1992 water  
production, injection and consumption for the Brady  
geothermal power plant. Also included are the yearly  
cumulative and the totals for the first two quarters.

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

Sincerely,



William L. Desormier  
Geologist

*Distribution:* T. Diehl  
A. Herrick  
R. Hoops, BLM  
K. Loomis, DOM

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

Oxbow Power Services, Inc.  
 P.O. Box 649  
 Fernley, NV 89408  
 (702) 423-5800

Brady Power Plant

Well	Third Quarter	1992 Geothermal Water Produced			Total
	July	August	September	acre-feet	
55-1	134.12	8.44	59.58	202.13	
56A-1	4.61	12.29	35.45	52.35	
46-1	260.61	237.34	250.61	748.57	
56B-1*	57.94	96.44	54.27	208.66	
56-1	155.97	54.56	21.46	232.00	
46A-1**	240.86	263.72	252.01	756.58	
47A-1	262.18	265.01	143.58	670.76	
47C-1	153.19	220.49	255.15	628.83	
<b>Total</b>	<b>1269.48</b>	<b>1158.29</b>	<b>1072.11</b>	<b>3499.88</b> acre-feet	

\*Well 56B-1 formerly had the designation of 57A-1.

\*\*Well 46A-1 formerly had the designation of 47-1.

Well	Third Quarter	1992 Injected Water			Total
	July	August	September	acre-feet	
81B-1	269.70	196.38	209.71	675.79	
81A-1	8.66	0.00	0.00	8.66	
18D-31	158.12	111.94	0.00	270.06	
18B-31	414.10	503.60	501.77	1419.47	
MGI-2	46.25	20.67	155.45	222.37	
<b>Total</b>	<b>896.82</b>	<b>832.59</b>	<b>866.94</b>	<b>2596.35</b> acre-feet	

Potable	Third Quarter	Totals (acre-feet)		Injection	Consumption
	Geothermal	Production Total	acre-feet		
0.00	3499.88	3499.88		2596.35	903.53

Potable	1992	Cumulative (acre-feet)		Injection	Consumption
	Geothermal	Production Total	acre-feet		
0.00	4334.08	4334.08		3061.56	1272.52



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 Power Services, Inc. Address P.O. Box 649, Fernley, NV 89408  
 Lease Brady SPL-6282 County Churchill Month of September 1992

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.
55-1	320	1	22N	26E					19.48 Mgal	337 Deg F.
56A-1	321	1	22N	26E					11.59 Mgal	340 Deg F.
46-1	318	1	22N	26E					81.94 Mgal	354 Deg F.
56B-1*	282	1	22N	26E					17.75 Mgal	345 Deg F.
56-1	277	1	22N	26E					7.02 Mgal	346 Deg F.
46A-1*	319	1	22N	26E					82.40 Mgal	353 Deg F.
47A-1	315	1	22N	26E					46.95 Mgal	348 Deg F.
47C-1	317	1	22N	26E					83.43 Mgal	355 Deg F.
<b>Totals</b>								9576.0 MWH	350.55 Mgal	

Method of determining production: Flow Metering

\*Well 56B-1 formerly had the designation of 57A-1.

\*Well 46A-1 formerly had the designation of 47-1.

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

Name William L. Desormier  
 William L. Desormier

Telephone (702) 825-4345

Date 10-1-92

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 Power Services, Inc. Address P.O. Box 649, Fernley, NV 89408

Lease Brady SPL-6282 County Churchill Month of August 1992

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.
55-1	320	1	22N	26E					2.76 Mgal	338 Deg F.
56A-1	321	1	22N	26E					4.02 Mgal	341 Deg F.
46-1	318	1	22N	26E					77.60 Mgal	355 Deg F.
56B-1*	282	1	22N	26E					31.53 Mgal	346 Deg F.
56-1	277	1	22N	26E					17.84 Mgal	349 Deg F.
46A-1*	319	1	22N	26E					86.23 Mgal	355 Deg F.
47A-1	315	1	22N	26E					86.65 Mgal	350 Deg F.
47C-1	317	1	22N	26E					72.09 Mgal	355 Deg F.
<b>Totals</b>								8588.0 MWH	378.73 Mgal	

Method of determining production: Flow Metering

\*Well 56B-1 formerly had the designation of 57A-1.

\*Well 46A-1 formerly had the designation of 47-1.

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

Name William L. Desormier  
 William L. Desormier

Telephone (702) 825-4345

Date 9/4/92



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O X B O W P O W E R S E R V I C E S , I N C. JUL 20 1992

Dept. of Minerals

July 13, 1992

Ms. Kathy Loomis  
Nevada Department of Minerals  
400 West King Street, Suite 106  
Carson City, NV 89710

Dear Kathy,

Enclosed are the Monthly Report of Subsurface Injections and the Monthly Producer's Report for the Brady Power Partners Geothermal Project for the month of June 1992. These are the first reports to be submitted for this project. We have followed the same methodology and format as on the other OPSI projects. I hope you find this acceptable.

If you have any questions, please call me.

Thank you for your assistance.

Sincerely,

Austin Herrick  
Plant Manager

Enclosures (2)

cc: Rich Hoops, BLM  
Tom Gallagher, NDWR  
Stephen E. Scuhmacher, Oxbow-Reno  
Bill Desormier, Oxbow-Reno  
T. Diehl, Oxbow-WPB  
Brady Power Partners

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 Power Services, Inc. Address P.O. Box 649, Fernley, NV 89408  
 Lease Brady SPL-6282 County Churchill Month of June 1992

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.
55-1	320	1	22N	26E					0.00 Mgal	Not Flowed
56A-1	321	1	22N	26E					18.70 Mgal	341 Deg F.
46-1	318	1	22N	26E					7.84 Mgal	357 Deg F.
56B-1*	282	1	22N	26E					15.25 Mgal	348 Deg F.
56-1	277	1	22N	26E					6.47 Mgal	350 Deg F.
46A-1*	319	1	22N	26E					10.36 Mgal	357 Deg F.
47A-1	315	1	22N	26E					14.25 Mgal	357 Deg F.
47C-1	317	1	22N	26E					0.00 Mgal	Not Flowed
<b>Totals</b>								<b>989.0 MWH</b>	<b>72.87 Mgal</b>	

Method of determining production: Flow Metering

\*Well 56B-1 formerly had the designation of 57A-1.

\*Well 46A-1 formerly had the designation of 47-1.

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

Name *Austin Herrick*  
 Austin Herrick

Telephone (702) 423-5800

Date 7-9-92



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O X B O W P O W E R S E R V I C E S, I N C. <sup>JUL 20</sup> 1992

Dept. of Minerals

July 13, 1992

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

Subject: Second Quarter, 1992, Brady Power Plant water production, injection and consumption.

Dear Tom:

Enclosed is the second quarter report on the 1992 water production, injection and consumption for the Brady Power Plant.

If you have any questions please call me or Bill Desormier at Oxbow's Reno office.

Sincerely,

Austin Herrick  
Plant Manager

Distribution: T. Diehl  
R. Hoops, BLM  
K. Loomis, DOM  
Bruce McCulloch  
Randy Goldenhersh  
File #4.7

*Oxbow Power Services, Inc.  
Brady Power Project  
P.O. Box 649, Fernley, Nevada 89408  
Telephone 702/423-5800, Telecopier 702/423-5050  
(Alternate Reno Telephone 702/825-4345)*

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

Oxbow Power Services, Inc.  
 P.O. Box 649  
 Fernley, NV 89408  
 (702) 423-5800

**Brady Power Plant**

Well	Second Quarter	1992 Geothermal Water Produced		
	April	May	June	Total
55-1	0.00	4.18	0.00	4.18
56A-1	0.00	0.39	57.19	57.58
46-1	0.00	8.82	23.99	32.81
56B-1*	101.54	98.44	46.63	246.61
56-1	0.00	9.84	19.78	29.62
46A-1**	104.49	69.27	31.68	205.44
47A-1	35.30	87.67	43.59	166.56
47C-1	4.56	82.84	0.00	87.40
<b>Total</b>	<b>245.89</b>	<b>361.45</b>	<b>222.86</b>	<b>830.20</b> acre-feet

\*Well 56B-1 formerly had the designation of 57A-1.

\*\*Well 46A-1 formerly had the designation of 47-1.

Well	Second Quarter	1992 Injected Water		
	April	May	June	Total
81B-1	0.00	0.00	26.08	26.08
81A-1	0.00	29.25	43.33	72.58
18D-31	0.00	0.00	4.40	4.40
18B-31	0.00	47.06	90.20	137.26
<b>Total</b>	<b>0.00</b>	<b>76.31</b>	<b>164.02</b>	<b>240.33</b> acre-feet

Potable	Second Quarter	Totals (acre-feet)		Injection	Consumption
	Geothermal	Production	Total		
0.00	830.20	830.20		240.33	589.87

Potable	1992	Cumulative (acre-feet)		Injection	Consumption
	Geothermal	Production	Total		
0.00	834.20	834.20		240.33	593.87