



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

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Div. of Minerals

January 3, 1994

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

Subject: Fourth Quarter, 1993, Brady water production,  
injection and consumption.

Dear Tom:

Enclosed is the fourth quarter report on the 1993 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

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JAN 04 1994

Div. of Minerals

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	Fourth Quarter 1993 Geothermal Water Produced			Total
	October	November	December	
55-1	0.00	0.00	30.84	30.84
56A-1	97.59	0.40	54.35	152.34
46-1	167.53	278.71	285.38	731.62
56B-1*	143.88	235.06	242.49	621.42
56-1	102.72	237.63	267.00	607.36
46A-1**	215.16	271.07	208.14	694.37
47A-1	113.50	268.71	278.51	660.72
47C-1	218.58	279.29	291.83	789.70
<b>Total</b>	<b>1058.96</b>	<b>1570.87</b>	<b>1658.55</b>	<b>4288.38</b> acre-feet

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

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

Well	Fourth Quarter 1993 Low Temperature Geothermal (cool Brine)			Total
	October	November	December	
CWW #1	0.00	0.00	0.00	0.00
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b> acre-feet

Well	Fourth Quarter 1993 Injected Water			Total
	October	November	December	
81B-1	0.00	0.00	0.00	0.00
81A-1	0.00	0.00	0.00	0.00
18D-31	190.36	16.75	0.00	207.11
18B-31	141.83	376.47	357.20	875.50
MGI-2	0.00	199.71	185.16	384.87
18-1	163.62	229.68	330.77	724.08
18A-1	326.99	434.28	545.98	1307.25
<b>Total</b>	<b>822.80</b>	<b>1256.89</b>	<b>1419.12</b>	<b>2191.56</b> acre-feet

Cool Brine	Fourth Quarter 1993 Totals (acre-feet)		Injection	Consumption
	Geothermal	Production Total		
0.00	4288.38	4288.38	2191.56	2096.82

Cool Brine	1993 Cumulative (acre-feet)		Injection	Consumption
	Geothermal	Production Total		
18.12	19155.61	19173.73	13356.79	5816.95

		1993		Cumulative (acre-feet)	
Cool Brine	Geothermal	Production	Total	Injection	Consumption
18.12	19155.61	19173.73		13356.79	5816.95

		First Quarter		Totals (acre-feet)	
Cool Brine	Geothermal	Production	Total	Injection	Consumption
7.55	4963.80	4971.35		4164.13	807.22

		Second Quarter		Totals (acre-feet)	
Cool Brine	Geothermal	Production	Total	Injection	Consumption
10.57	4774.46	4785.03		3936.51	848.52

		Third Quarter		Totals (acre-feet)	
Cool Brine	Geothermal	Production	Total	Injection	Consumption
0.00	5128.97	5128.97		3064.58	2064.39

		Fourth Quarter		Totals (acre-feet)	
Cool Brine	Geothermal	Production	Total	Injection	Consumption
0.00	4288.38	4288.38		2191.56	2096.82

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

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REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Power Services, Inc. Month of December 1993  
 Address P.O. Box 649, Fernley, NV 89408

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

Field and lease name Brady	Well No.	Geothermal Fluids Injected			Reservoir formation	Reservoir Depth
		Gallons per day	Gallons per month	Injection Pressure (wellhead)		
SPL-6282	81B-1	0.00 Mgal	0.00 Mgal	No Injection	Cenozoic volcanic rocks with minor sedimentary units	424-678'
SPL-6282	81A-1	0.00 Mgal	0.00 Mgal	No Injection		485-704'
SPL-6282	18D-31	0.00 Mgal	0.00 Mgal	No Injection		340-454'
SPL-6282	18B-31	3.77 Mgal	116.79 Mgal	21 psig.		550-580'
SPL-6282	MGI-2	1.95 Mgal	60.54 Mgal	9 psig.		550-580'
SPL-6282	18-1	3.49 Mgal	108.15 Mgal	180 psig.		4560-5753'
SPL-6282	18A-1	5.76 Mgal	178.52 Mgal	174 psig.		4077'
<b>Totals</b>			464.01 Mgal			

Remarks:

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Name William L. Desormier  
 William L. Desormier  
 Position Project Geologist  
 Date 1-3-94

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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Power Services, Inc. Month of November 1993

Address P.O. Box 649, Fernley, NV 89408

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

Field and lease name Brady	Well No.	Geothermal Fluids Injected			Reservoir formation	Reservoir Depth
		Gallons per day	Gallons per month	Injection Pressure (wellhead)		
SPL-6282	81B-1	0.00 Mgal	0.00 Mgal	No Injection	Cenozoic volcanic rocks with minor sedimentary units	424-678'
SPL-6282	81A-1	0.00 Mgal	0.00 Mgal	No Injection		485-704'
SPL-6282	18D-31	0.18 Mgal	5.48 Mgal	9 psig.		340-454'
SPL-6282	18B-31	4.10 Mgal	123.09 Mgal	38 psig.		550-580'
SPL-6282	MGI-2	2.18 Mgal	65.30 Mgal	18 psig.		550-580'
SPL-6282	18-1	2.50 Mgal	75.10 Mgal	99 psig.		4560-5753'
SPL-6282	18A-1	4.73 Mgal	142.00 Mgal	94 psig.		4077'
<b>Totals</b>		410.97 Mgal				

Remarks:

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Name William L. Desormier

Position Project Geologist

Date \_\_\_\_\_

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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Power Services, Inc. Month of October 1993  
Address P.O. Box 649, Fernley, NV 89408

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

Field and lease name Brady	Well No.	Geothermal Fluids Injected			Reservoir formation	Reservoir Depth
		Gallons per day	Gallons per month	Injection Pressure (wellhead)		
SPL-6282	81B-1	0.00 Mgal	0.00 Mgal	No Injection	Cenozoic volcanic rocks with minor sedimentary units	424-678'
SPL-6282	81A-1	0.00 Mgal	0.00 Mgal	No Injection		485-704'
SPL-6282	18D-31	2.01 Mgal	62.24 Mgal	43 psig.		340-454'
SPL-6282	18B-31	1.50 Mgal	46.38 Mgal	51 psig.		550-580'
SPL-6282	MGI-2	0.00 Mgal	0.00 Mgal	No Injection		550-580'
SPL-6282	18-1	1.73 Mgal	53.50 Mgal	73 psig.		4560-5753'
SPL-6282	18A-1	3.45 Mgal	106.92 Mgal	81 psig.		4077'
<b>Totals</b>		269.03 Mgal				

Remarks:

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Name William L. Desormier  
William L. Desormier

Position Project Geologist

Date 11-3-93



OXBOW POWER SERVICES, INC.

October 1, 1993

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OCT 04 1993  
Dept. of Minerals

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

Subject: Third Quarter, 1993, Brady water production,  
injection and consumption.

Dear Tom:

Enclosed is the third quarter report on the 1993 water  
production, injection and consumption for the Brady  
geothermal power plant. Also included are the yearly  
cumulative.

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  
Ms. Missy Payne  
Geothermal Development Associates  
251 Ralston St.  
Reno, NV 89503

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	1993 Geothermal Water Produced		
	July	August	September	Total
55-1	0.60	94.41	198.92	293.92
56A-1	0.15	130.63	214.63	345.41
46-1	286.89	287.82	270.19	844.90
56B-1*	241.84	162.76	218.00	622.61
56-1	278.19	262.33	89.39	629.92
46A-1**	281.33	277.00	264.86	823.19
47A-1	280.74	278.87	151.83	711.45
47C-1	290.19	290.42	276.96	857.57
<b>Total</b>	<b>1659.95</b>	<b>1784.24</b>	<b>1684.78</b>	<b>5128.97</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	1993 Low Temperature Geothermal (cool Brine)		
	July	August	September	Total
CWW #1	0.00	0.00	0.00	0.00
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b> acre-feet

Well	Third Quarter	1993 Injected Water		
	July	August	September	Total
81B-1	0.00	48.27	0.00	48.27
81A-1	0.00	65.80	12.25	78.05
18D-31	106.55	377.85	354.08	838.49
18B-31	483.82	344.08	362.07	1189.96
MGI-2	248.50	0.00	0.00	248.50
18-1	229.77	215.58	215.96	661.31
18A-1	283.19	390.01	401.75	1074.95
<b>Total</b>	<b>1351.83</b>	<b>1441.59</b>	<b>1346.11</b>	<b>3064.58</b> acre-feet

Cool Brine	Third Quarter	Totals (acre-feet)	
	Geothermal Production	Total	Injection
0.00	5128.97	5128.97	3064.58
			2064.39

Cool Brine	1993	Cumulative (acre-feet)	
	Geothermal Production	Total	Injection
18.12	14867.23	14885.35	11165.23
			3720.12



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DEPARTMENT OF MINERALS  
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Carson City, Nevada 89710  
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REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Power Services, Inc. Month of September 1993  
Address P.O. Box 649, Fernley, NV 89408

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

Field and lease name Brady	Well No.	Geothermal Fluids Injected			Reservoir formation	Reservoir Depth
		Gallons per day	Gallons per month	Injection Pressure (wellhead)		
SPL-6282	81B-1	0.00 Mgal	0.00 Mgal	No Injection	Cenozoic volcanic rocks with minor sedimentary units	424-678'
SPL-6282	81A-1	0.13 Mgal	4.01 Mgal	36 psig.		485-704'
SPL-6282	18D-31	3.86 Mgal	115.77 Mgal	35 psig.		340-454'
SPL-6282	18B-31	3.95 Mgal	118.39 Mgal	47 psig.		550-580'
SPL-6282	MGI-2	0.00 Mgal	0.00 Mgal	No Injection		550-580'
SPL-6282	18-1	2.35 Mgal	70.61 Mgal	94 psig.		4560-5753'
SPL-6282	18A-1	4.38 Mgal	131.36 Mgal	89 psig.		4077'
<b>Totals</b>			<b>440.14 Mgal</b>			

Remarks:

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Name William L. Desormier  
William L. Desormier  
Position Project Geologist  
Date 10-1-93

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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Power Services, Inc. Month of August 1993  
 Address P.O. Box 649, Fernley, NV 89408

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

Field and lease name Brady	Well No.	Geothermal Fluids Injected			Reservoir formation	Reservoir Depth
		Gallons per day	Gallons per month	Injection Pressure (wellhead)		
SPL-6282	81B-1	0.51 Mgal	15.78 Mgal	18 psig.	Cenozoic volcanic rocks with minor sedimentary units	424-678'
SPL-6282	81A-1	0.69 Mgal	21.52 Mgal	21 psig.		485-704'
SPL-6282	18D-31	3.99 Mgal	123.55 Mgal	25 psig.		340-454'
SPL-6282	18B-31	3.63 Mgal	112.50 Mgal	37 psig.		550-580'
SPL-6282	MGI-2	0.00 Mgal	0.00 Mgal	No Injection		550-580'
SPL-6282	18-1	2.27 Mgal	70.49 Mgal	80 psig.		4560-5753'
SPL-6282	18A-1	4.11 Mgal	127.52 Mgal	76 psig.		4077'
<b>Totals</b>		471.36 Mgal				

Remarks:

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Name William L. Desormier  
 William L. Desormier  
 Position Project Geologist  
 Date 9-1-93

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

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REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Power Services, Inc. Month of July 1993  
 Address P.O. Box 649, Fernley, NV 89408

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

Field and lease name Brady	Well No.	Geothermal Fluids Injected			Reservoir formation	Reservoir Depth
		Gallons per day	Gallons per month	Injection Pressure (wellhead)		
SPL-6282	81B-1	0.00 Mgal	0.00 Mgal	No Injection	Cenozoic volcanic rocks with minor sedimentary units	424-678'
SPL-6282	81A-1	0.00 Mgal	0.00 Mgal	No Injection		485-704'
SPL-6282	18D-31	1.12 Mgal	34.84 Mgal	20 psig.		340-454'
SPL-6282	18B-31	5.10 Mgal	158.19 Mgal	41 psig.		550-580'
SPL-6282	MGI-2	2.62 Mgal	81.25 Mgal	27 psig.		550-580'
SPL-6282	18-1	2.42 Mgal	75.13 Mgal	97 psig.		4560-5753'
SPL-6282	18A-1	3.70 Mgal	92.60 Mgal	92 psig.		4077'
<b>Totals</b>		442.01 Mgal				

Remarks:

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Name William L. Desormier  
 William L. Desormier  
 Position Project Geologist  
 Date 8-3-93

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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Power Services, Inc. Month of June 1993  
 Address P.O. Box 649, Fernley, NV 89408

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

Field and lease name Brady	Well No.	Geothermal Fluids Injected			Reservoir formation	Reservoir Depth
		Gallons per day	Gallons per month	Injection Pressure (wellhead)		
SPL-6282	81B-1	5.02 Mgal	150.74 Mgal	35 psig.	Cenozoic volcanic rocks with minor sedimentary units	424-678'
SPL-6282	81A-1	0.00 Mgal	0.00 Mgal	No Injection		485-704'
SPL-6282	18D-31	0.37 Mgal	11.19 Mgal	15 psig.		340-454'
SPL-6282	18B-31	4.68 Mgal	140.38 Mgal	47 psig.		550-580'
SPL-6282	MGI-2	1.63 Mgal	48.97 Mgal	17 psig.		550-580'
SPL-6282	18-1	2.28 Mgal	68.42 Mgal	92 psig.		4560-5753'
<b>Totals</b>		419.71 Mgal				

Remarks:

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Name William L. Desormier  
 William L. Desormier  
 Position Project Geologist  
 Date 7-1-93

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

**REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS**

Producer Oxbow Power Services, Inc. Month of May 1993  
 Address P.O. Box 649, Fernley, NV 89408

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

Field and lease name Brady	Well No.	Geothermal Fluids Injected			Reservoir formation	Reservoir Depth
		Gallons per day	Gallons per month	Injection Pressure (wellhead)		
SPL-6282	81B-1	5.22 Mgal	161.74 Mgal	46 psig.	Cenozoic volcanic rocks with minor sedimentary units	424-678'
SPL-6282	81A-1	0.00 Mgal	0.00 Mgal	No Injection		485-704'
SPL-6282	18D-31	1.36 Mgal	42.15 Mgal	17 psig.		340-454'
SPL-6282	18B-31	4.06 Mgal	125.81 Mgal	44 psig.		550-580'
SPL-6282	MGI-2	2.64 Mgal	81.70 Mgal	46 psig.		550-580'
SPL-6282	18-1	0.00 Mgal	0.00 Mgal	No Injection		4560-5753'
<b>Totals</b>		411.40 Mgal				

Remarks:

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Name William L. Desormier  
 William L. Desormier  
 Position Project Geologist  
 Date 6-1-93

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

**REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS**

Producer Oxbow Power Services, Inc. Month of April 1993

Address P.O. Box 649, Fernley, NV 89408

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			Reservoir formation	Reservoir Depth
		Gallons per day	Gallons per month	Injection Pressure (wellhead)		
Brady						
SPL-6282	81B-1	4.60 Mgal	137.89 Mgal	46 psig.	Cenozoic volcanic rocks with minor sedimentary units	424-678'
SPL-6282	81A-1	0.00 Mgal	0.00 Mgal	No Injection		485-704'
SPL-6282	18D-31	3.98 Mgal	119.55 Mgal	20 psig.		340-454'
SPL-6282	18B-31	3.69 Mgal	110.78 Mgal	42 psig.		550-580'
SPL-6282	MGI-2	2.93 Mgal	87.80 Mgal	44 psig.		550-580'
SPL-6282	18-1	0.00 Mgal	0.00 Mgal	No Injection		4560-5753'
<b>Totals</b>			456.02 Mgal			

Remarks:

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Name William L. Desormier  
 William L. Desormier

Position Project Geologist

Date 5-3-93

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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Power Services, Inc. Month of March 1993

Address P.O. Box 649, Fernley, NV 89408

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

Field and lease name Brady	Well No.	Geothermal Fluids Injected			Reservoir formation	Reservoir Depth
		Gallons per day	Gallons per month	Injection Pressure (wellhead)		
SPL-6282	81B-1	5.12 Mgal	158.59 Mgal	45 psig.	Cenozoic volcanic rocks with minor sedimentary units	424-678'
SPL-6282	81A-1	0.00 Mgal	0.00 Mgal	No Injection		485-704'
SPL-6282	18D-31	2.22 Mgal	68.89 Mgal	20 psig.		340-454'
SPL-6282	18B-31	4.01 Mgal	124.43 Mgal	41 psig.		550-580'
SPL-6282	MGI-2	3.59 Mgal	111.17 Mgal	59 psig.		550-580'
<b>Totals</b>		463.07 Mgal				

Remarks:

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Name William L. Desormier  
 William L. Desormier

Position Project Geologist

Date 4-1-93

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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Power Services, Inc. Month of February 1993

Address P.O. Box 649, Fernley, NV 89408

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

Field and lease name Brady	Well No.	Geothermal Fluids Injected			Reservoir formation	Reservoir Depth
		Gallons per day	Gallons per month	Injection Pressure (wellhead)		
SPL-6282	81B-1	4.54 Mgal	127.18 Mgal	53 psig.	Cenozoic volcanic rocks with minor sedimentary units	424-678'
SPL-6282	81A-1	0.00 Mgal	0.00 Mgal	No Injection		485-704'
SPL-6282	18D-31	1.91 Mgal	53.35 Mgal	19 psig.		340-454'
SPL-6282	18B-31	4.59 Mgal	128.45 Mgal	47 psig.		550-580'
SPL-6282	MGI-2	3.96 Mgal	110.87 Mgal	46 psig.		550-580'
<b>Totals</b>		419.85 Mgal				

Remarks:

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Name William L. Desormier

Position Project Geologist

Date \_\_\_\_\_



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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Power Services, Inc. Month of January 1993  
 Address P.O. Box 649, Fernley, NV 89408

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

Field and lease name Brady	Well No.	Geothermal Fluids Injected			Reservoir formation	Reservoir Depth
		Gallons per day	Gallons per month	Injection Pressure (wellhead)		
SPL-6282	81B-1	4.85 Mgal	150.34 Mgal	41 psig.	Cenozoic volcanic rocks with minor sedimentary units	424-678'
SPL-6282	81A-1	0.00 Mgal	0.00 Mgal	No Injection		485-704'
SPL-6282	18D-31	1.23 Mgal	38.12 Mgal	23 psig.		340-454'
SPL-6282	18B-31	4.74 Mgal	146.82 Mgal	39 psig.		550-580'
SPL-6282	MGI-2	4.62 Mgal	143.34 Mgal	47 psig.		550-580'
<b>Totals</b>		478.62 Mgal				

Remarks:

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Name William L. Desormier  
 William L. Desormier  
 Position Project Geologist  
 Date 2-1-93

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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Power Services, Inc. Month of December 1992  
 Address P.O. Box 649, Fernley, NV 89408

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			Reservoir formation	Reservoir Depth
		Gallons per day	Gallons per month	Injection Pressure (wellhead)		
Brady						
SPL-6282	81B-1	4.44 Mgal	137.69 Mgal	29 psig.	Cenozoic volcanic rocks with minor sedimentary units	424-678'
SPL-6282	81A-1	0.00 Mgal	0.00 Mgal	No Injection		485-704'
SPL-6282	18D-31	0.00 Mgal	0.00 Mgal	No Injection		340-454'
SPL-6282	18B-31	4.16 Mgal	128.94 Mgal	22 psig.		550-580'
SPL-6282	MGI-2	3.81 Mgal	118.19 Mgal	61 psig.		550-580'
<b>Totals</b>			<b>384.82 Mgal</b>			

Remarks:

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Name William L. Desormier  
 William L. Desormier  
 Position Project Geologist  
 Date 1-4-93

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

**REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS**

Producer Oxbow Power Services, Inc. Month of November 1992

Address P.O. Box 649, Fernley, NV 89408

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

Field and lease name Brady	Well No.	Geothermal Fluids Injected			Reservoir formation	Reservoir Depth
		Gallons per day	Gallons per month	Injection Pressure (wellhead)		
SPL-6282	81B-1	2.12 Mgal	63.60 Mgal	12 psig.	Cenozoic volcanic rocks with minor sedimentary units	424-678'
SPL-6282	81A-1	0.00 Mgal	0.00 Mgal	No Injection		485-704'
SPL-6282	18D-31	0.00 Mgal	0.00 Mgal	No Injection		340-454'
SPL-6282	18B-31	4.82 Mgal	144.46 Mgal	35 psig.		550-580'
SPL-6282	MGI-2	0.70 Mgal	20.99 Mgal	27 psig.		550-580'
<b>Totals</b>			229.05 Mgal			

Remarks:

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Name William L. Desormier

Position Project Geologist

Date 12-1-92

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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Power Services, Inc. Month of October 1992  
 Address P.O. Box 649, Fernley, NV 89408

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

Field and lease name Brady	Well No.	Geothermal Fluids Injected			Reservoir formation	Reservoir Depth
		Gallons per day	Gallons per month	Injection Pressure (wellhead)		
SPL-6282	81B-1	4.14 Mgal	128.32 Mgal	25 psig.	Cenozoic volcanic rocks with minor sedimentary units	424-678'
SPL-6282	81A-1	0.00 Mgal	0.00 Mgal	No Injection		485-704'
SPL-6282	18D-31	0.00 Mgal	0.00 Mgal	No Injection		340-454'
SPL-6282	18B-31	4.41 Mgal	136.67 Mgal	44 psig.		550-580'
SPL-6282	MGI-2	0.77 Mgal	23.94 Mgal	27 psig.		550-580'
<b>Totals</b>		288.93 Mgal				

Remarks:

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Name William L. Desormier  
 William L. Desormier  
 Position Project Geologist  
 Date 11-2-92

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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Power Services, Inc. Month of September 1992  
 Address P.O. Box 649, Fernley, NV 89408

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

Field and lease name Brady	Well No.	Geothermal Fluids Injected			Reservoir formation	Reservoir Depth
		Gallons per day	Gallons per month	Injection Pressure (wellhead)		
SPL-6282	81B-1	2.29 Mgal	68.57 Mgal	28 psig.	Cenozoic volcanic rocks with minor sedimentary units	424-678'
SPL-6282	81A-1	0.00 Mgal	0.00 Mgal	No Injection		485-704'
SPL-6282	18D-31	0.00 Mgal	0.00 Mgal	No Injection		340-454'
SPL-6282	18B-31	5.47 Mgal	164.06 Mgal	49 psig.		550-580'
SPL-6282	MGI-2	1.69 Mgal	50.83 Mgal	35 psig.		550-580'
<b>Totals</b>		283.46 Mgal				

Remarks:

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Name William L. Desormier  
 William L. Desormier  
 Position Project Geologist  
 Date 10-1-92

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

**REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS**

Producer Oxbow Power Services, Inc. Month of August 1992  
 Address P.O. Box 649, Fernley, NV 89408

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

Field and lease name Brady	Well No.	Geothermal Fluids Injected			Reservoir formation	Reservoir Depth
		Gallons per day	Gallons per month	Injection Pressure (wellhead)		
SPL-6282	81B-1	2.07 Mgal	64.21 Mgal	26 psig.	Cenozoic volcanic rocks with minor sedimentary units	424-678'
SPL-6282	81A-1	0.00 Mgal	0.00 Mgal	No Injection		485-704'
SPL-6282	18D-31	1.18 Mgal	36.60 Mgal	26 psig.		340-454'
SPL-6282	18B-31	5.31 Mgal	164.66 Mgal	44 psig.		550-580'
SPL-6282	MGI-2	0.22 Mgal	6.76 Mgal	12 psig.		550-580'
<b>Totals</b>		272.23 Mgal				

Remarks:

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Name William L. Desormier  
 William L. Desormier  
 Position Project Geologist  
 Date 9/4/92

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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Power Services, Inc. Month of June 1992  
Address P.O. Box 649, Fernley, NV 89408

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			Reservoir formation	Reservoir Depth
		Gallons per day	Gallons per month	Injection Pressure (wellhead)		
Brady						
SPL-6282	81B-1	0.41 Mgal	8.53 Mgal	35 psig.	Cenozoic volcanic rocks with minor sedimentary units	424-678'
SPL-6282	81A-1	0.67 Mgal	14.17 Mgal	35 psig.		485-704'
SPL-6282	18D-31	0.07 Mgal	1.44 Mgal	21 psig.		340-454'
SPL-6282	18B-31	1.40 Mgal	29.49 Mgal	28 psig.		550-580'
<b>Totals</b>			<b>53.63 Mgal</b>			

Remarks:

I certify this information to be true, correct, and complete and that no pertinent matter inquired about in this report has been omitted.

Name *Austin Herrick*  
Austin Herrick  
Position Plant Manager  
Date 5-9-92

RECEIVED

OCT 02 1992

Dept. of Minerals



O X B O W   G E O T H E R M A L

October 1, 1992

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

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

Dear Tom:

Enclosed is the third quarter report on the 1992 water  
production, injection and consumption for the Dixie Valley  
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  
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	Third	1992		Geothermal Water Produced	
	Quarter	July	August	September	Total
27-33		113.01	114.03	106.95	334.00
28-33		271.98	262.25	245.97	780.20
45-33		110.15	110.63	103.76	324.53
63-7		215.22	235.83	225.57	676.63
73-7		194.79	184.26	176.18	555.23
74-7		184.08	173.59	166.04	523.71
76-7		0.00	0.00	0.00	0.00
82-7		278.90	288.56	275.91	843.38
84-7		118.20	111.92	107.05	337.17
<b>Total</b>		<b>1486.33</b>	<b>1481.07</b>	<b>1407.44</b>	<b>4374.84</b> acre-feet

Well	Third	1992		Potable Water Produced	
	Quarter	July	August	September	Total
W62-7		0.11	0.09	0.12	0.32
W45-5		0.00	0.00	0.00	0.00
<b>Total</b>		<b>0.11</b>	<b>0.09</b>	<b>0.12</b>	<b>0.32</b> acre-feet

Well	Third	1992		Injected Water	
	Quarter	July	August	September	Total
25-5		466.40	465.47	436.67	1368.54
45-5		123.01	139.18	124.70	386.88
32-18		96.01	96.15	90.63	282.79
41-18		118.80	114.82	100.96	334.59
52-18		43.88	41.94	33.25	119.08
65-18		106.07	103.15	88.07	297.28
SWL-1		55.87	54.51	45.90	156.28
SWL-3		131.07	129.92	115.74	376.73
<b>Total</b>		<b>1141.10</b>	<b>1145.15</b>	<b>1035.93</b>	<b>3322.17</b> acre-feet

Potable	Third	Quarter	Totals	(acre-feet)	
	Geothermal	Production Total		Injection	Consumption
0.32	4374.84	4375.16		3322.17	1052.99

Potable	1992	Cumulative	(acre-feet)		
	Geothermal	Production Total		Injection	Consumption
1.00	13166.18	13167.18		10202.74	2964.44