

STATE OF NEVADA
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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Geothermal Corporation Month of December, 19⁸⁹90
 Address 200 S. Virginia St. Suite 450 Reno, NV 89501

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 | | Injection pressure | Reservoir formation | Reservoir depth |
|----------------------|----------|----------------------------|-------------------|--------------------|---------------------|-----------------|
| | | Gallons per day | Gallons per month | | | |
| Dixie Valley (all) | | | | | | |
| N-12393 | 25-5 | | 110.24 M/Gal | 85 PSIG | Miocene Basalt | 6,193-6,215' |
| N-12393 | 45-5 | | 17.32 M/Gal | 85 PSIG | Miocene Basalt | 6,200-6,300' |
| Lamb Fee | 32-18 | | 24.29 M/Gal | 61 PSIG | Miocene Basalt | 7,360-7,374' |
| Lamb Fee | 52-18 | | 47.59 M/Gal | 72 PSIG | Jurassic Gabbro | 9,500-9,600' |
| N-12862 | 62-18 | | 22.48 M/Gal | 83 PSIG | Jurassic Gabbro | 9,265-9,417' |
| Lamb Fee | SWL-1 | | 15.43 M/Gal | 42 PSIG | Miocene Basalt | 7,191-7,256' |
| Lamb Fee | SWL-3 | | 31.48 M/Gal | 46 PSIG | Miocene Basalt | 7,070-7,450' |

Remarks:

268.83 M/Gal
Total

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

Signature *[Signature]*
 Position O & M Manager
 Date January 17, 1990

STATE OF NEVADA
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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Geothermal Corporation Month of November, 1989

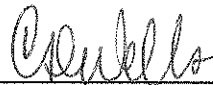
Address 200 S. Virginia St. Suite 450 Reno, NV 89501

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 | | Injection pressure | Reservoir formation | Reservoir depth |
|----------------------|----------|----------------------------|-------------------|--------------------|---------------------|-----------------|
| | | Gallons per day | Gallons per month | | | |
| Dixie Valley (all) | | | | | | |
| N-12393 | 25-5 | | 124.16 M/Gal | 101 PSIG | Miocene Basalt | 6,193-6,215' |
| N-12393 | 45-5 | | 19.98 M/Gal | 101 PSIG | Miocene Basalt | 6,200-6,300' |
| Lamb Fee | 32-18 | | 37.67 M/Gal | 96 PSIG | Miocene Basalt | 7,360-7,374' |
| Lamb Fee | 52-18 | | 55.25 M/Gal | 104 PSIG | Jurassic Gabbro | 9,500-9,600' |
| N-12862 | 62-18 | | 26.81 M/Gal | 116 PSIG | Jurassic Gabbro | 9,265-9,417' |
| Lamb Fee | SML-1 | | 10.14 M/Gal | 49 PSIG | Miocene Basalt | 7,191-7,256' |
| Lamb Fee | SML-3 | | 20.66 M/Gal | 57 PSIG | Miocene Basalt | 7,070-7,450' |

Remarks: 294.67 M/Gal
Total

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

Signature 
 Position O & M Manager
 Date December 7, 1989

STATE OF NEVADA
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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Geothermal Corporation Month of October, 19 89

Address 200 S. Virginia St. Suite 450 Reno, NV 89501

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 | | Injection pressure | Reservoir formation | Reservoir depth |
|----------------------|----------|----------------------------|-------------------|--------------------|---------------------|-----------------|
| | | Gallons per day | Gallons per month | | | |
| Dixie Valley (all) | | | | | | |
| N-12393 | 25-5 | | 118.58 M/Gal | 57 PSIG | Miocene Basalt | 6,193-6,215' |
| N-12393 | 45-5 | | 24.19 M/Gal | 57 PSIG | Miocene Basalt | 6,200-6,300' |
| Lamb Fee | 32-18 | | 31.82 M/Gal | 112 PSIG | Miocene Basalt | 7,360-7,374' |
| Lamb Fee | 52-18 | | 55.36 M/Gal | 116 PSIG | Jurassic Gabbro | 9,500-9,600' |
| N-12862 | 65-18 | | 27.29 M/Gal | 127 PSIG | Jurassic Gabbro | 9,265-9,417' |
| Lamb Fee | SWL-1 | | ---0--- | ---0--- | Miocene Basalt | 7,191-7,256' |
| Lamb Fee | SWL-3 | | 13.49 M/Gal | 86 PSIG | Miocene Basalt | 7,070-7,450' |

Remarks: 270.73 M/Gal
Total

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

Signature *C. Ruess*
 Position O&M Manager
 Date November 16, 1989

STATE OF NEVADA
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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Geothermal Corporation Month of September, 19 89

Address 200 S. Virginia St. Suite 450 Reno, NV 89501

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 | | Injection pressure | Reservoir formation | Reservoir depth |
|----------------------|----------|----------------------------|-------------------|--------------------|---------------------|-----------------|
| | | Gallons per day | Gallons per month | | | |
| Dixie Valley (all) | | | | | | |
| N-12393 | 25-5 | | 35.42 M/Gal | 215 PSIG | Miocene Basalt | 6,193-6,215' |
| N-12393 | 45-5 | | 58.64 M/Gal | 108 PSIG | Miocene Basalt | 6,200-6,300' |
| Lamb Fee | 32-18 | | 23.36 M/Gal | 102 PSIG | Miocene Basalt | 7,360-7,374' |
| Lamb Fee | 52-18 | | 53.03 M/Gal | 109 PSIG | Jurassic Gabbro | 9,500-9,600' |
| N-12862 | 62-18 | | 29.04 M/Gal | 120 PSIG | Jurassic Gabbro | 9,265-9,417' |
| Lamb Fee | SWL-1 | | ---0--- | ---0--- | Miocene Basalt | 7,191-7,256' |
| Lamb Fee | SWL-3 | | 27.38 M/Gal | 87 PSIG | Miocene Basalt | 7,070-7,450' |

Remarks: 226.87 M/Gal
Total

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

Signature *C. Wells*
 Position O & M Manager
 Date October 18, 1989

STATE OF NEVADA
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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Geothermal Corporation Month of August, 1989
 Address 200 S. Virginia St. Suite 450, Reno, NV 89501

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 | | Injection pressure | Reservoir formation | Reservoir depth |
|----------------------|----------|----------------------------|-------------------|--------------------|---------------------|-----------------|
| | | Gallons per day | Gallons per month | | | |
| Dixie Valley (all) | | | | | | |
| Lamb Fee | 32-18 | | 38.48 M/Gal | 108 Psig | Miocene Basalt | 7,360-7,374' |
| Lamb Fee | 52-18 | | 56.19 M/Gal | 115 Psig | Jurassic Gabbro | 9,500-9,600' |
| N-12862 | 65-18 | | 35.09 M/Gal | 126 Psig | Jurassic Gabbro | 9,265-9,417' |
| N-12393 | 45-5 | | 70.42 M/Gal | 146 Psig | Miocene Basalt | 6,200-6,300' |
| Lamb Fee | SWL-1 | | -0- M/Gal | -0- Psig | Miocene Basalt | 7,191-7,256' |
| Lamb Fee | SWL-3 | | 18.08 M/Gal | 85 Psig | Miocene Basalt | 7,070-7,450' |

Remarks:

218.27 M/Gal
Total

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

Signature *Ed Wells*
 Position O. & M. Manager
 Date September 25, 1989

STATE OF NEVADA
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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Geothermal Corporation Month of July, 19 89

Address 200 S. Virginia St. Suite 450 Reno, NV 89501

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 | | Injection pressure | Reservoir formation | Reservoir depth |
|----------------------|----------|----------------------------|-------------------|--------------------|---------------------|-----------------|
| | | Gallons per day | Gallons per month | | | |
| Lamb Fee | 32-18 | | 45.24 M/Gal | 114 Psig | Miocene Basalt | 7,360-7,374' |
| Lamb Fee | 52-18 | | 54.97 M/Gal | 116 Psig | Jurassic Gabbro | 9,500-9,600' |
| N-12862 | 65-18 | | 34.34 M/Gal | 126 Psig | Jurassic Gabbro | 9,265-9,417' |
| N-12393 | 45-5 | | 69.42 M/Gal | 134 Psig | Miocene Basalt | 6,200-6,300' |
| Lamb Fee | SWL-1 | | -0- M/Gal | -0- Psig | Miocene Basalt | 7,191-7,256' |

Remarks:

203.97 M/Gal
Total

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

Signature *C. Wells*

Position O&M Manager

Date August 8, 1989

STATE OF NEVADA
 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

RECEIVED

JUL 17 1989

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

DEPT OF MINERALS

Producer Oxbow Geothermal Corporation Month of June, 19 89

Address 200 S. Virginia St. Suite 450, Reno, NV 89501

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 | | Injection pressure | Reservoir formation | Reservoir depth |
|----------------------|----------|----------------------------|-------------------|--------------------|---------------------|-----------------|
| | | Gallons per day | Gallons per month | | | |
| Dixie Valley (all) | | | | | | |
| Lamb Fee | 32-18 | | 31.45 M/Gal | 133 Psig | Miocene Basalt | 7,360-7,374' |
| Lamb Fee | 52-18 | | 45.78 M/Gal | 133 Psig | Jurassic Gabbro | 9,500-9,600' |
| N-12862 | 65-18 | | 31.41 M/Gal | 144 Psig | Jurassic Gabbro | 9,265-9,417' |
| N-12393 | 45-5 | | 62.12 M/Gal | 153 Psig | Miocene Basalt | 6,200-6,300' |
| Lamb Fee | SWL-1 | | 4.31 M/Gal | 114 Psig | Miocene-Basalt | 7,191-7,255' |

Remarks: 175.07 M/Gal
Total

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

Signature *C. Wells*

Position O. & M. Manager

Date July 12, 1989

STATE OF NEVADA
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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Geothermal Corporation Month of May, 19 89
 Address 200 S. Virginia ST. Suite # 450 Reno, NV 89501

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 | | Injection pressure | Reservoir formation | Reservoir depth |
|----------------------|----------|----------------------------|-------------------|--------------------|---------------------|-----------------|
| | | Gallons per day | Gallons per month | | | |
| Larb Fee | 32-18 | | 45.46 M/Gal | 117 PSIG | Miocene - Basalt | 7,360-7,374' |
| Larb Fee | 52-18 | | 52.69 M/Gal | 121 PSIG | Jurassic-Gabbro | 9,500-9,600' |
| Larb Fee | SWL-1 | | 6.97 M/Gal | 99 PSIG | Miocene-Basalt | 7,191-7,255' |
| N-12862 | 65-18 | | 36.68 PSIG | 131 PSIG | Jurassic Gabbro | 9,265-9,417' |
| N-12393 | 45-5 | | 74.27 PSIG | 138 PSIG | Miocene-Basalt | 6,200-6,300' |

Remarks:

216.07M/Gal 121.2 PSIG
 Total Average

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

Signature *C. Wells*
 Position O & M Manager
 Date June 15, 1989

STATE OF NEVADA
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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Geothermal Corporation Month of April, 1989

Address 200 S. Virginia St. Suite 450, Reno, NV 89501

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 | | Injection pressure | Reservoir formation | Reservoir depth |
|----------------------|----------|----------------------------|-------------------|--------------------|---------------------|-----------------|
| | | Gallons per day | Gallons per month | | | |
| Dixie Valley (all) | | | | | | |
| Lamb Fee | 32-18 | | 42.72 M/Gal | 107 PSIG | Miocene Basalt | 7,360-7,374' |
| Lamb Fee | 52-18 | | 47.97 M/Gal | 121 PSIG | Jurassic Gabbro | 9,500-9,600' |
| N-12862 | 65-18 | | 30.96 M/Gal | 128 PSIG | Jurassic Gabbro | 9,265-9,417' |
| N-12393 | 45-5 | | 68.64 M/Gal | 134 PSIG | Miocene Basalt | 6,200-6,300' |

Remarks:

190.30 M/Gal 122.5 PSIG
 Total Average

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

Signature *C. Wells*
 Position O. & M. Manager
 Date May 24, 1989

STATE OF NEVADA
 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

APR 30 1989

DEPT OF MINERALS

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Geothermal Corporation Month of MARCH, 19 89

Address 200 S. Virginia St. Suite 450, Reno, NV 89501

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 | | Injection pressure | Reservoir formation | Reservoir depth |
|----------------------|----------|----------------------------|-------------------|--------------------|---------------------|-----------------|
| | | Gallons per day | Gallons per month | | | |
| Dixie Valley (all) | | | | | | |
| Lamb Fee | 32-18 | | 29.44 M/Gal | 126 PSIG | Miocene Basalt | 7,360-7,374' |
| Lamb Fee | 52-18 | | 29.71 M/Gal | 129 PSIG | Jurassic Gabbro | 9,500-9,600' |
| N-12862 | 65-18 | | 15.49 M/Gal | 138 PSIG | Jurassic Gabbro | 9,265-9,417' |
| N-12393 | 45-5 | | 40.24 M/Gal | 141 PSIG | Miocene Basalt | 6,200-6,300' |

Remarks: 114.88 M/Gal
Total 133.5 PSIG
Average

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

Signature *C. DeWells*
 Position O. & M. Manager
 Date April 13, 1989

STATE OF NEVADA
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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Geothermal Corporation Month of FEBRUARY, 19 89
 Address 200 S. Virginia St. Suite 450, Reno, NV 89501

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 | | Injection pressure | Reservoir formation | Reservoir depth |
|----------------------|----------|----------------------------|-------------------|--------------------|---------------------|-----------------|
| | | Gallons per day | Gallons per month | | | |
| Dixie Valley (all) | | | | | | |
| Lamb Fee | 32-18 | | 47.71 M/Gal | 114PSIG | Miocene Basalt | 7,360-7,374' |
| Lamb Fee | 52-18 | | 50.58 M/Gal | 118 PSIG | Jurassic Gabbro | 9,500-9,600' |
| N-12862 | 65-18 | | 27.07 M/Gal | 127 PSIG | Jurassic Gabbro | 9,265-9,417' |
| N-12393 | 45-5 | | 31.11 M/Gal | 131 PSIG | Miocene Basalt | 6,200-6,300' |

Remarks: 156.28 M/Gal Total 122.5 PSIG Average

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

Signature *C. Wells*
 Position O. & M Manager
 Date March 15, 1989

STATE OF NEVADA
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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer Oxbow Geothermal Corporation Month of January, 19 89

Address 200 S. Virginia St. Suite 450, Reno, NV 89501

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 | | Injection pressure | Reservoir formation | Reservoir depth |
|----------------------|----------|----------------------------|-------------------|--------------------|---------------------|------------------|
| | | Gallons per day | Gallons per month | | | |
| Lamb Fee | 32-18 | | 48.94 M/Gal | 114 PSIG | Miocene Basalt | 7,360- 7,374' |
| Lamb Fee | 52-18 | | 52.17 M/Gal | 112 PSIG | Jurassic Gabbro | 9,500- 9,600' |
| N-12862 | 65-18 | | 26.16 M/Gal | 145 PSIG | Jurassic Gabbro | 9,265- 9,417' |
| N-12393 | 45-5 | | 48.90 M/Gal | 122 PSIG | Miocene Basalt | 6,200- 6,300' |

Remarks: 176.17 M/Gal Total 123.25 PSIG Average

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

Signature 

Position O & M Manager

Date February 15, 1989