

ANKEE / CAITHNESS  
JOINT VENTURE L.P.  
1170 Mount Rose Highway  
P.O. Box 18160, Reno, NV 89511  
(702) 849-1299 Fax (702) 849-1328

RECEIVED

JAN 14 1991

Dept. of Minerals

January 10, 1990

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

SUBJECT: MONTHLY PRODUCTION REPORT FOR DECEMBER, 1990

Dear Kathy:

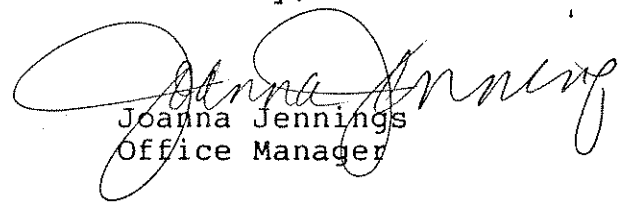
Enclosed are the monthly production and injection reports for December, 1990. Please note the following:

DEC 18: 23-5 was shut in 0800 to 1315 hours to repair MOV216D.

DEC 20 THRU DEC 25: Unable to take injection/production readings due to frozen transmitter lines.

If you have any questions after reviewing the enclosed information, please give me a call.

Sincerely,

  
Joanna Jennings  
Office Manager

JFJ:gal

enc:

cc: EMA  
Peter C. van de Kamp

C:\Joanna\DOM12-90

STATE OF NEVADA  
DEPARTMENT OF MINERALS  
400 W. King Street, Suite 104  
Carson City, Nevada 89710  
(702) 885-5050

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer CAITHNESS POWER, INC. Month of DECEMBER 1990

Address 1170 Mt. Rose Highway, Reno, Nevada 89511

Show each injection well separately. File no later than the last day of the month for the preceding month.

Field and lease name	Well No.	Geothermal Fluids Injected		Injection pressure	Reservoir information	Reservoir depth
		Gallons per day	Gallons per month			
Steamboat Hills - Cox	CoxI-1	4.19E+06	1.26E+08	36	GRANDDIORITE	13,162 FT.

Remarks:

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

Signature *Janette Jennings*

Position Office Manager

Date January 9, 1991

ANKEE / CAITHNES

JOINT VENTURE L.P.  
1170 Mount Rose Highway  
P.O. Box 18160, Reno, NV 89511  
(702) 849-1299 Fax (702) 849-1328

RECEIVED

DEC 10 1990

Dept. of Minerals

December 6, 1990

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

**SUBJECT: MONTHLY PRODUCTION REPORT FOR NOVEMBER, 1990**

Dear Kathy:

Enclosed are the monthly production and injection reports for November, 1990. Please note the following:

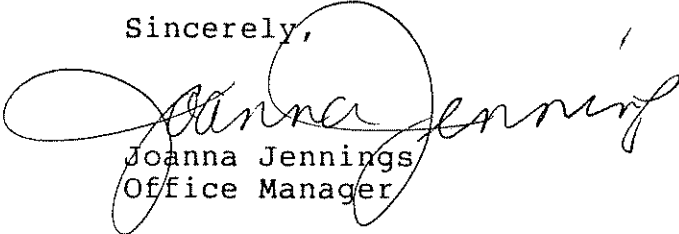
NOV 9: 21-5 was taken off line for 1 hour and 20 minutes to test weir box.

NOV 28: COXI-1 was shut in for 2 hours and 38 minutes to repair wellhead valve.

NOV 29: 83A-6 was taken off line for 6 hours and 3 minutes for flow test.

If you have any questions after reviewing the enclosed information, please give me a call.

Sincerely,



Joanna Jennings  
Office Manager

JFJ:gal

enc:

cc: EMA  
Peter C. van de Kamp

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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer CAITHNESS POWER, INC. Month of NOVEMBER 1990

Address 1170 Mt. Rose Highway, Reno, Nevada 89511

Show each injection well separately. File no 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			
Steamboat Hills - Cox	CoxI-1	4.30E+06	1.29E+08	38	GRANODIORITE	13,162 FT.

Remarks:

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

Signature *Jeanne J. Smith*  
Position Office Manager

Date December 4, 1990

YONKEE / CAITHNESS

JOINT VENTURE L.P.  
1170 Mount Rose Highway  
P.O. Box 18160, Reno, NV 89511  
(702) 849-1299 Fax (702) 849-1328

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NOV 15 1990

Dept. of Minerals

November 13, 1990

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

SUBJECT: MONTHLY PRODUCTION REPORT FOR OCTOBER, 1990

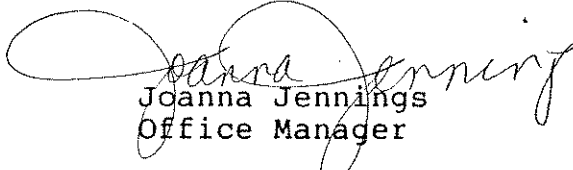
Dear Kathy:

Enclosed are the monthly production and injection reports for September, 1990. Please note the following:

OCT 13: 83A-6, 23-5 and 21-5 were shut in for approximately 6 hours while the steam ejectors were changed.

If you have any questions after reviewing the enclosed information, please give me a call.

Sincerely,

  
Joanna Jennings  
Office Manager

JFJ:gal

enc:

cc: Manuela Winter, EMA  
Peter C. van de Kamp

C:\Joanna\DOM10-90

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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer CAITHNESS POWER, INC. Month of OCTOBER 1990

Address 1170 Mt. Rose Highway, Reno, Nevada 89511

Show each injection well separately. File no 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			
Steamboat Hills - Cox	Cox1-1	4.30E+06	1.33E+08	39	GRANDDIORITE	3,162 FT.

Remarks:

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

Signature Janna Janning  
Position Office Manager

Date November 13, 1990

YANKEE / CAITHNES

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P.O. Box 18160, Reno, NV 89511  
(702) 849-1299 Fax (702) 849-1328

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OCT 19 1990

Dept. of Minerals

October 16, 1990

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

**SUBJECT: MONTHLY PRODUCTION REPORT FOR SEPTEMBER, 1990**

Dear Kathy:

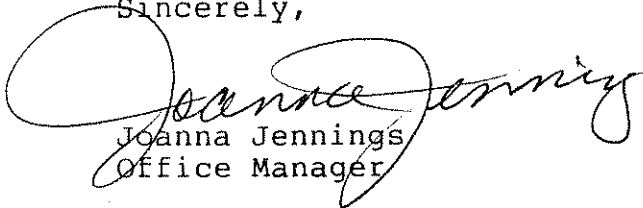
Enclosed are the monthly production and injection reports for September, 1990. Please note the following:

**SEPT 17:** 83A-6 was shut in 1135 to 1140 to put pressure and temperature tool in well.

As of September 1, 1990 the injection and production rates will be calculated on the steam flow due to problems with the brine flow annubar.

If you have any questions after reviewing the enclosed information, please give me a call.

Sincerely,

  
Joanna Jennings  
Office Manager

JFJ:gal

enc:

cc: Manuela Winter, EMA  
Peter C. van de Kamp

C:\Joanna\DOM9-90





ANKEE / CAITHNES

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1170 Mount Rose Highway  
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SEP 14 1990

September 12, 1990

Dept. of Minerals

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

**SUBJECT: MONTHLY PRODUCTION REPORT FOR AUGUST, 1990**

Dear Kathy:

Enclosed are the monthly production and injection reports for August, 1990. Please note the following:

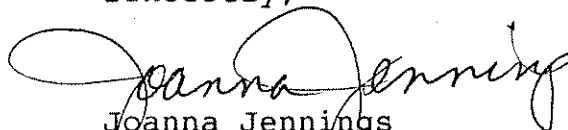
AUG 15: 23-5 was shut in from 0835 to 1005 for flow test.

AUG 22: 23-5 was shut in from 1415 to 1540 for flow test.

AUG 24: 23-5 was shut in from 0925 to 1110 to replace bushing in scale probe.

If you have any questions after reviewing the enclosed information, please give me a call.

Sincerely,

  
Joanna Jennings  
Office Manager

JFJ:gal

enc:

cc: Manuela Winter, EMA  
Peter C. van de Kamp

C:\Joanna\DOM8-90



ANKEE / CAITHNES

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AUG 15 1990

Dept. of Minerals

August 7, 1990

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

**SUBJECT: MONTHLY PRODUCTION REPORT FOR JULY, 1990**

Dear Kathy:

Enclosed are the monthly production and injection reports for July, 1990. Please note the following:

July 5-13: COXI-1 was worked over.

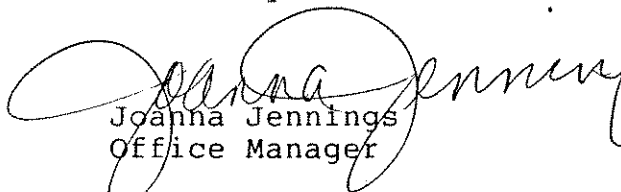
July 13: 23-5 was shut in for flow testing and brought back on line the same day.

July 14: 21-5 was shut in for flow testing and brought back on line the same day.

July 16: 83A-6 was shut in for pressure and temperature testing and brought back on line July 18.

If you have any questions after reviewing the enclosed information, please give me a call.

Sincerely,

  
Joanna Jennings  
Office Manager

JFJ:gal

enc:

cc: Manuela Winter, EMA  
Peter C. van de Kamp



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AUG 09 1990

Dept. of Minerals

August 7, 1990

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

Subject: SUPPLEMENT TO JUNE 1990 PRODUCTION/INJECTION REPORTS

Dear Kathy:

It has been brought to my attention that some of the data on our June report submitted on July 10, 1990 was found to be in error. The brine flow annubar reading was affected by being partially clogged with scale and was taken out of service for inspection.

The corrected flow rates have been calculated via the steam flow rate and test data, that allows us to calculate brine flow from the steam flow rate. The corrected data has been incorporated in the attached new copy of the report report, so that you may dispose of the original if you so desire.

We are in the process of developing a method for determining when the annubar is being affected by scale. This should allow us to pick this problem up sooner in the future.

We trust the above meets with your approval if you have any questions or require additional information please advise.

Very truly yours,



T. E. De Long  
General Manager

cc: S. Young  
J. Murphy  
L. Metcalf  
J. Jennings













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

REPORT OF GEOTHERMAL SUBSURFACE INJECTIONS

Producer CAITHNESS POWER, INC. Month of FEBRUARY 1990

Address 1170 Mt. Rose Highway, Reno, Nevada 89511

Show each injection well separately. File no 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			
Steamboat Hills - Cox	CoxI-1	4.66E+06	1.40E+08	29	GRANDDIORITE	3,162 FT.

Remarks:

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

Signature *Jeanne Jennings*  
 Position Office Manager

Date MARCH 2, 1990

