GTHT -___001___

G-108s

From: Kacie Peterson <kacie.peterson@cyrqenergy.com>

Sent: Wednesday, May 20, 2015 3:07 PM

To: Chavez, Carl J, EMNRD

Cc: Griswold, Jim, EMNRD; Nick Goodman; Steve Brown; michelle@mhenrie.com; Mike

Gipson; David Ramirez; dwjanney160@gmail.com

Subject: Lightning Dock Geothermal, Submittal: April 2015 G-108 ("Monthly Geothermal

Production Report")

Attachments: G-108, Lightning Dock Geothermal, APRIL 2015 REPORT, 5-20-15.pdf

Mr. Chavez,

Attached is Lightning Dock Geothermal's submittal of the April 2015 G-108 report ("Monthly Geothermal Production Report"). Please contact me if you have any questions/comments.

Thanks.

Kacie Peterson

Lightning Dock Geothermal HI-01, LLC



OIL CONSERVATION DIVISION PO BOX 2088 SANTA FE, NEW MEXICO 87501

Form G-108 Adopted 10-1-74 Revised 10-1-78

										Month of:		April 2015	
Operator:		Lightn	ing Dock Ged	thermal HI-0	1, LLC		Address:		18 Gr	eenhouse Dr	ive, Animas N	IM 88020	
Lease Name:			BLM (NI	Л 34790)			Reservoir:	Lightnir	ng Dock	County:		Hidalgo	
			NOTE:	Report actu	ıal productio	n (NOT SAL	ES). Use Fo	rm G-109 fo	r water injec	tion wells.			
		Loca	ation										
Well No	Unit Ltr.	Sec.	Тwp.	Rge.	Total mass produced (Lbs x 10 ⁶)	produced	Flow temp. (°F)	Flow pres. (psig)	Water produced (acre-feet)	Minerals produced (type and tons)	Method of Prod (F. or P.)	# days well prod,	If well not in production, state reason
45-7	К	7	258	19W	508.411	0	311.6	82.8	205.037	Geothermal fluid	Р	30	N/A
										254,205			
		TOTALS			508.411	0			205.037	254,205			

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Dave Rosal (Signature)

LDG Plant Manager (Title)

5/20/2015 (Date)

OIL CONSERVATION DIVISION PO BOX 2088 SANTA FE, NEW MEXICO 87501

Form G-108 Adopted 10-1-74 Revised 10-1-78

6/19/2015

(Date)

				35						Month of:		May 2015	
Operator:		Lightn	ing Dock Ged	othermal HI-0	1, LLC		Address:		18 Gr	eenhouse Dri	ive, Animas N	IM 88020	
Lease Name:			BLM (N	vi 34790)			Reservoir:	Lightnir	ng Dock	County:		Hidalgo	
			NOTE:	Report actu	ıal productio	n (NOT SAL	ES). Use Fo	rm G-109 fo	r water injec	tion wells.			
		Loc	ation										
Well No	Unit Ltr.	Sec.	Тwp.	Rge.	Total mass produced (Lbs x 10 ⁶)	Dry stream produced (Lbs x 10 ⁶)	Flow temp.	Flow pres. (psig)	Water produced (acre-feet)	Minerals produced (type and tons)	Method of Prod (F. or P.)	# days well prod.	If well not in production, state reason
45-7	К	7	258	19W	451.831	0	311.9	85	182.252	Geothermal fluid	P	30	Equipment
										225,915			
		3000 300 300 300 300 300 300 300 300 30											
		TOTALS			451,831	0			182.252	225,915	///////		

LDG Plant Manager

(Title)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature)

From: Kacie Peterson <kacie.peterson@cyrqenergy.com>

Sent: Monday, April 20, 2015 12:26 PM

To: Chavez, Carl J, EMNRD

Cc: Griswold, Jim, EMNRD; Nick Goodman; Steve Brown; dwjanney160@gmail.com;

michelle@mhenrie.com; Mike Gipson; David Ramirez

Subject: Lightning Dock Geothermal, Submittal: March 2015 G-108 ("Monthly Geothermal

Production Report")

Attachments: G-108, Lightning Dock Geothermal, MARCH 2015 REPORT, 4-20-15.pdf

Mr. Chavez,

Attached is Lightning Dock Geothermal's submittal of the March 2015 G-108 report ("Monthly Geothermal Production Report"). Please contact me if you have any questions/comments.

Thanks.

Kacie Peterson

Lightning Dock Geothermal HI-01, LLC



OIL CONSERVATION DIVISION PO BOX 2088 SANTA FE, NEW MEXICO 87501

Form G-108 Adopted 10-1-74 Revised 10-1-78

4/20/2015

(Date)

		****								Month of:		March 201	5
Operator:		Lightn	ing Dock Ged	thermal HI-0	1, LLC		Address:		18 Gr	eenhouse Dr	ive, Animas N	VM 88020	
Lease Name:		PARTICLE PARTA 1	BLM (NI	1 34790)			Reservoir:	Lightnir	ng Dock	County:		Hidalgo	
			NOTE:	Report actu	ıal productio	n (NOT SAL	ES). Use Fo	rm G-109 fo	r water injec	tion wells.			
		Loca	ation										
Well No	Unit Ltr.	Sec.	Тwp.	Rge.	produced	Dry stream produced (Lbs x 10 ⁶)	Flow temp.	Flow pres. (psig)	Water produced (acre-feet)	Minerals produced (type and tons)	Method of Prod (F. or P.)	# days well prod.	If well not in production, state reason
45-7	К	7	258	19W	512.73	0	311.7	82.6	206.791	Geothermal fluid	Р	31	N/A
										256,365			
		TOTALS		*********	512.73	0			206.791	256,365			

LDG Plant Manager

(Title)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

From: Kacie Peterson <kacie.peterson@cyrqenergy.com>

Sent: Thursday, March 19, 2015 11:12 AM

To: Chavez, Carl J, EMNRD

Cc: Griswold, Jim, EMNRD; Nick Goodman; Steve Brown; dwjanney160@gmail.com;

michelle@mhenrie.com; Mike Gipson; David Ramirez

Subject: Lightning Dock Geothermal, Submittal: February 2015 G-108 ("Monthly Geothermal

Production Report")

Attachments: G-108, Lightning Dock Geothermal, FEBRUARY 2015 REPORT, 3-19-15.pdf

Mr. Chavez,

Attached is Lightning Dock Geothermal's submittal of the February 2015 G-108 report ("Monthly Geothermal Production Report"). Please contact me if you have any questions/comments.

Thanks.

Kacie Peterson

Lightning Dock Geothermal HI-01, LLC



OIL CONSERVATION DIVISION PO BOX 2088 SANTA FE, NEW MEXICO 87501

Form G-108 Adopted 10-1-74 Revised 10-1-78

3/19/2015

(Date)

										Month of:		February 20	15
Operator:		Lightn	ing Dock Ged	othermal HI-0	1, LLC		Address:		18 Gr	eenhouse Dri	ve, Animas N	IM 88020	
Lease Name:			BLM (NI	A 34790)			Reservoir:	Lightnir	ng Dock	County:		Hidalgo	
			NOTE:	Report actu	ıal productio	n (NOT SAL	ES). Use Fo	rm G-109 fo	r water injec	tion wells.			
		Loca	ation										
Well No	Unit Ltr.	Sec.	Тwp.	Rge.	Total mass produced (Lbs x 10 ⁶)	Dry stream produced (Lbs x 10 ⁶)	Flow temp.	Flow pres. (psig)	Water produced (acre-feet)	Minerals produced (type and tons)	Method of Prod (F. or P.)	# days well prod.	If well not in production, state reason
45-7	К	7	258	19W	471.036	0	311.8	82.4	189.987	Geothermal fluid	Р	28	N/A
										235,518			
		-											
		TOTALS	***************************************		471.036	0			189.987	235,518			

LDG Plant Manager

(Title)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

From: Kacie Peterson <kacie.peterson@cyrqenergy.com>

Sent: Thursday, February 19, 2015 12:47 PM

To: Chavez, Carl J, EMNRD

Cc: Griswold, Jim, EMNRD; Nick Goodman; Steve Brown; dwjanney160@gmail.com;

michelle@mhenrie.com; Mike Gipson; David Ramirez

Subject: Lightning Dock Geothermal, Submittal: January 2015 G-108 ("Monthly Geothermal

Production Report")

Attachments: G-108, Lightning Dock Geothermal, JANUARY 2015 REPORT, 2-19-15.pdf

Mr. Chavez,

Attached is Lightning Dock Geothermal's submittal of the January 2015 G-108 report ("Monthly Geothermal Production Report"). Please contact me if you have any questions/comments.

Thanks.

Kacie Peterson

Lightning Dock Geothermal HI-01, LLC



OIL CONSERVATION DIVISION PO BOX 2088 SANTA FE, NEW MEXICO 87501

Form G-108 Adopted 10-1-74 Revised 10-1-78

2/19/2015

(Date)

		A.,								Month of:		January 20	15
Operator:		Lightni	ng Dock Ged	thermal HI-0	1, LLC		Address:		18 Gr	eenhouse Dr	ive, Animas N	VM 88020	
Lease Name:			BLM (N	A 34790)			Reservoir:	Lightnir	ng Dock	County:		Hidalgo	
			NOTE:	Report actu	ıal productio	n (NOT SAL	ES). Use Fo	rm G-109 fo	r water injec	tion wells.			
		Loca	ation										
Well No	Unit Ltr.	Sec.	Тwp.	Rge.	produced	Dry stream produced (Lbs x 10 ⁶)	Flow temp. (°F)	Flow pres. (psig)	Water produced (acre-feet)	Minerals produced (type and tons)	Method of Prod (F. or P.)	# days well prod.	If well not in production, state reason
45-7	K 7 25S 15				521.766	0	311.6	80.1	210.423	Geothermal fluid	P	31	N/A
										260,883			
······································		TOTALS			521.766	0			210.423	260,883	V//////		

LDG Plant Manager

(Title)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

From: Kacie Peterson <kacie.peterson@cyrqenergy.com>

Sent: Tuesday, January 20, 2015 3:24 PM

To: Dawson, Scott, EMNRD

Cc: Chavez, Carl J, EMNRD; Griswold, Jim, EMNRD; Nick Goodman; Steve Brown;

dwjanney160@gmail.com; michelle@mhenrie.com; Mike Gipson; David Ramirez

Subject: Lightning Dock Geothermal, Submittal: December 2014 G-108 ("Monthly Geothermal

Production Report")

Attachments: G-108, Lightning Dock Geothermal, DECEMVER 2014 REPORT, 1-20-15.pdf

Mr. Dawson,

Attached is Lightning Dock Geothermal's submittal of the December 2014 G-108 report ("Monthly Geothermal Production Report"). Please have your staff contact me if they have any questions/comments.

Thanks.

Kacie Peterson

Lightning Dock Geothermal HI-01, LLC



OIL CONSERVATION DIVISION PO BOX 2088 SANTA FE, NEW MEXICO 87501

Form G-108 Adopted 10-1-74 Revised 10-1-78

-		·		43						Month of:		December 2	014
Operator:		Lightr	ing Dock Ge	othermal HI-0	01, LLC		Address:		18 Gr	eenhouse Dr	ive, Animas N	VM 88020	-
Lease Name:				M 34790)			Reservoir:	-	ng Dock	County:		Hidalgo	
			NOTE:	Report actu	ual productio	n (NOT SAL	ES). Use Fo	rm G-109 fo	r water injec	tion wells.		Control of the Contro	
		Loc	ation										
Well No	Unit Ltr.	Sec.	Тwp.	Rge.	Total mass produced (Lbs x 10 ⁶)	Dry stream produced (Lbs x 10 ⁶)	Plow temp.	Flow pres. (psig)	Water produced (acre-feet)	Minerals produced (type and tons)	Method of Prod (F. or P.)	# days well prod.	If well not in production state reaso
45-7	К	7	258	19W	516.327	0	311.7	86.8	208.242	Geothermal fluid	Р	31	N/A
										258,163			
		TOTALS			516.327	0			208.242	258,163			

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature)

LDG Plant Manager (Title)

1/20/2015 (Date)

From: Kacie Peterson <kacie.peterson@cyrqenergy.com>

Sent: Thursday, December 18, 2014 4:14 PM

To: Dawson, Scott, EMNRD

Cc: Chavez, Carl J, EMNRD; Griswold, Jim, EMNRD; Nick Goodman; Steve Brown;

dwjanney160@gmail.com; michelle@mhenrie.com; Mike Gipson; David Ramirez

Subject: Lightning Dock Geothermal, Submittal: November 2014 G-108 ("Monthly Geothermal

Production Report")

Attachments: G-108, Lightning Dock Geothermal, NOVEMBER 2014 REPORT, 12-18-14.pdf

Mr. Dawson,

Attached is Lightning Dock Geothermal's submittal of the November 2014 G-108 report ("Monthly Geothermal Production Report"). Please have your staff contact me if they have any questions/comments.

Thanks.

Kacie Peterson

Lightning Dock Geothermal HI-01, LLC



12/18/2014

(Date)

										Month of:	***************************************	November 20)14
Operator:		Lightn	ing Dock Ged	othermal HI-C	1, LLC		Address:		18 Gr	eenhouse Dri	ve, Animas N	IM 88020	annon market and a second section of the section of
Lease Name:			BLM (N	M 34790)			Reservoir:	Lightnir	ng Dock	County:		Hidalgo	
	TO THE OWNER, A STORE AND A ST		NOTE:	Report actu	ial productio	n (NOT SAL	ES). Use Fo	rm G-109 fo	r water injec	tion wells.			
		Loc	ation		J								
Well No	Unit Ltr.	Sec.	Тwp.	Rge.	produced	Dry stream produced (Lbs x 10 ⁶)	Flow temp. (°F)	Flow pres. (psig)	Water produced (acre-feet)	Minerals produced (type and tons)	Method of Prod (F. or P.)	# days well prod.	If well not in production, state reason
45-7	К						311.6	87.8	153.128	Geothermal fluid	Р	22	Pump Down
										189,848			
e e e e e e e e e e e e e e e e e e e													
		TOTALS			379,697	0			153.128	189,848			

LDG Plant Manager (Title)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

From: Kacie Peterson <kacie.peterson@cyrqenergy.com>

Sent: Thursday, November 20, 2014 10:44 AM

To: Dawson, Scott, EMNRD

Cc: Chavez, Carl J, EMNRD; Griswold, Jim, EMNRD; Nick Goodman; Steve Brown;

dwjanney160@gmail.com; michelle@mhenrie.com; Mike Gipson; David Ramirez

Subject: Lightning Dock Geothermal, Submittal: October 2014 G-108 ("Monthly Geothermal

Production Report")

Attachments: G-108, Lightning Dock Geothermal, OCTOBER 2014 REPORT, 11-20-14.pdf

Mr. Dawson,

Attached is Lightning Dock Geothermal's submittal of the October 2014 G-108 report ("Monthly Geothermal Production Report"). Please have your staff contact me if they have any questions/comments.

Thanks.

Kacie Peterson

Lightning Dock Geothermal HI-01, LLC



OIL CONSERVATION DIVISION PO BOX 2088 SANTA FE, NEW MEXICO 87501

Form G-108 Adopted 10-1-74 Revised 10-1-78

		4.1.0						·		Month of:	Camana and	October 20	14
Operator:		Lightn	ing Dock Ged	othermal HI-0	1, LLC		Address:		18 Gr	eenhouse Dri	ive, Animas N	NM 88020	
Lease Name:		004100-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-00410-	*	M 34790)	****		Reservoir:		ng Dock	County:		Hidalgo	
	·		NOTE:	Report actu	ial productio	n (NOT SAL	ES). Use Fo	rm G-109 fo	r water injec	tion wells.	***		
		Loca	ation										
Well No	Unit Ltr.	Sec.	Тwp.	Rge.	Total mass produced (Lbs x 10 ⁶)	Dry stream produced (Lbs x 10 ⁶)	Prod (F. or # days well produced Prod (F. or # prod produced produced prod Prod					If well not in production, state reason	
45-7	К	7	258	19W	400.135	0	312.1	83.1	161.42	Geothermal fluid	Р	24	Pump Repai
										200,068			
***************************************		TOTALS			400.135	0			161.42	200,068			

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature)

LDG Plant Manager (Title)

11/19/2014 (Date)

From: Kacie Peterson <kacie.peterson@cyrqenergy.com>

Sent: Tuesday, October 21, 2014 2:46 PM

To: Dawson, Scott, EMNRD

Cc: Chavez, Carl J, EMNRD; Griswold, Jim, EMNRD; Nick Goodman; Steve Brown;

dwjanney160@gmail.com; michelle@mhenrie.com; Mike Gipson; David Ramirez

Subject: Lightning Dock Geothermal, Submittal: September 2014 G-108 ("Monthly Geothermal

Production Report")

Attachments: G-108, Lightning Dock Geothermal, SEPTEMBER 2014 REPORT, 10-20-14.pdf

Mr. Dawson,

Attached is Lightning Dock Geothermal's submittal of the September 2014 G-108 report ("Monthly Geothermal Production Report"). Please have your staff contact me if they have any questions/comments.

Thanks.

Kacie Peterson

Lightning Dock Geothermal HI-01, LLC



Form G-108 Adopted 10-1-74 Revised 10-1-78

										Month of:		September 2	014
Operator:		Lightn	ing Dock Ged	othermal HI-0	1, LLC	****	Address:		18 Gr	eenhouse Dri	ve, Animas N	IM 88020	
Lease Name:			,	/i 34790)			Reservoir:		ng Dock	County:		Hidalgo	
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			NOTE:	Report actu	ial productio	n (NOT SAL	ES). Use Fo	rm G-109 fo	r water injec	tion wells.			
		Loca	ation										
Well No Unit Ltr. Sec. Twp. Rge. (the wide of the wide								Minerals produced (type and tons)	Method of Prod (F. or P.)	# days well prod.	If well not in production, state reason		
45-7	к	7	Geothermal							Р	30	N/A	
										228,406			
	K	TOTALS			456.811	0			184.25	228,406			

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature)

LDG Plant Manager (Title)

10/20/2014 (Date)

From: Kacie Peterson <kacie.peterson@cyrqenergy.com>

**Sent:** Friday, September 19, 2014 8:53 AM

**To:** Dawson, Scott, EMNRD

**Cc:** Chavez, Carl J, EMNRD; Griswold, Jim, EMNRD; Nick Goodman; Steve Brown;

dwjanney160@gmail.com; michelle@mhenrie.com; Mike Gipson; David Ramirez

**Subject:** Lightning Dock Geothermal, Submittal: August 2014 G-108 ("Monthly Geothermal

Production Report")

Attachments: G-108, Lightning Dock Geothermal, AUGUST 2014 REPORT, 9-19-14.pdf

Mr. Dawson,

Attached is Lightning Dock Geothermal's submittal of the August 2014 G-108 report ("Monthly Geothermal Production Report"). Please have your staff contact me if they have any questions/comments.

Thanks.

#### **Kacie Peterson**

#### Lightning Dock Geothermal HI-01, LLC



#### OIL CONSERVATION DIVISION PO BOX 2088 SANTA FE, NEW MEXICO 87501

Form G-108 Adopted 10-1-74 Revised 10-1-78

										Month of:		August 201	4
Operator:		Lightn	ing Dock Ged	othermal HI-0	1, LLC		Address:		18 Gr	eenhouse Dr	ive, Animas N	M 88020	
Lease Name:			BLM (NI	VI 34790)			Reservoir:	Lightnir	ng Dock	County:		Hidalgo	
			NOTE:	Report actu	ıal productio	n (NOT SAL	ES). Use Fo	rm G-109 fo	r water injec	tion wells.			, , , , , , , , , , , , , , , , , , , ,
	Carrent of the second of the s	Loca	ation										
Well No	Unit Ltr.	Sec.	Тwp.	Rge.	Total mass produced (Lbs x 10 ⁶ )	produced	Flow temp. (°F)	Flow pres. (psig)	Water produced (acre-feet)	Minerals produced (type and tons)	Method of Prod (F. or P.)	# days well prod.	If well not in production state reaso
45-7	К	7	258	19W	49.223	0	311.5	87	19.85	Geothermal fluid	Р	6	Lightning Damage
										24,611		and a second	
		TOTALS			49.223	0			19.85	24,611			

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature)

LDG Plant Manager (Title)

9/19/2014 (Date)

From: Kacie Peterson <kacie.peterson@cyrqenergy.com>

Sent: Wednesday, August 20, 2014 1:17 PM

**To:** Dawson, Scott, EMNRD

Cc: Chavez, Carl J, EMNRD; Griswold, Jim, EMNRD; Nick Goodman; Steve Brown; David

Janney (david.janney@amec.com); michelle@mhenrie.com; Mike Gipson; David

Ramirez

**Subject:** Lightning Dock Geothermal, Submittal: July 2014 G-108 ("Monthly Geothermal

Production Report")

**Attachments:** G-108, Lightning Dock Geothermal, JULY 2014 REPORT, 8-20-14.pdf

Mr. Dawson,

Attached is Lightning Dock Geothermal's submittal of the July 2014 G-108 report ("Monthly Geothermal Production Report"). Please have your staff contact me if they have any questions/comments.

Thanks.

#### **Kacie Peterson**

#### Lightning Dock Geothermal HI-01, LLC



#### OIL CONSERVATION DIVISION PO BOX 2088 SANTA FE, NEW MEXICO 87501

Form G-108 Adopted 10-1-74 Revised 10-1-78

	3.5	Water White the course of								Month of:		July 2014	
Operator:		Lightn	ing Dock Ged	othermal HI-0	1, LLC		Address:		18 Gr	eenhouse Dri	ive, Animas N	IM 88020	
Lease Name:			BLM (N	vi 34790)			Reservoir:	Lightnir	ng Dock	County:		Hidalgo	
			NOTE:	Report actu	ıal productio	n (NOT SAL	ES). Use Fo	rm G-109 fo	r water injec	tion wells.			
		Loca	ation										
Well No	Unit Ltr.	Sec.	Twp.	Rge.	produced	Dry stream produced (Lbs x 10 ⁶ )	Flow temp. (°F)	Flow pres. (psig)	Water produced (acre-feet)	Minerals produced (type and tons)	Method of Prod (F. or P.)	# days well prod.	If well not in production, state reason
45-7	К						311.6	84.6	130.579	Geothermal fluid	Р	31	N/A
										161,892			
		TOTALS			323.785	0			130.579	161,892			

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature)

LDG Plant Manager (Title)

8/19/2014 (Date)

From: Kacie Peterson <kacie.peterson@cyrqenergy.com>

Sent: Wednesday, August 20, 2014 1:17 PM

**To:** Dawson, Scott, EMNRD

Cc: Chavez, Carl J, EMNRD; Griswold, Jim, EMNRD; Nick Goodman; Steve Brown; David

Janney (david.janney@amec.com); michelle@mhenrie.com; Mike Gipson; David

Ramirez

**Subject:** Lightning Dock Geothermal, Submittal: July 2014 G-108 ("Monthly Geothermal

Production Report")

**Attachments:** G-108, Lightning Dock Geothermal, JULY 2014 REPORT, 8-20-14.pdf

Mr. Dawson,

Attached is Lightning Dock Geothermal's submittal of the July 2014 G-108 report ("Monthly Geothermal Production Report"). Please have your staff contact me if they have any questions/comments.

Thanks.

#### **Kacie Peterson**

#### Lightning Dock Geothermal HI-01, LLC



#### OIL CONSERVATION DIVISION PO BOX 2088 SANTA FE, NEW MEXICO 87501

Form G-108 Adopted 10-1-74 Revised 10-1-78

	3.5	Water White the course of								Month of:		July 2014	
Operator:		Lightn	ing Dock Ged	othermal HI-0	1, LLC		Address:		18 Gr	eenhouse Dri	ive, Animas N	IM 88020	
Lease Name:			BLM (N	vi 34790)			Reservoir:	Lightnir	ng Dock	County:		Hidalgo	
			NOTE:	Report actu	ıal productio	n (NOT SAL	ES). Use Fo	rm G-109 fo	r water injec	tion wells.			
		Loca	ation										
Well No	Unit Ltr.	Sec.	Twp.	Rge.	produced	Dry stream produced (Lbs x 10 ⁶ )	Flow temp. (°F)	Flow pres. (psig)	Water produced (acre-feet)	Minerals produced (type and tons)	Method of Prod (F. or P.)	# days well prod.	If well not in production, state reason
45-7	К						311.6	84.6	130.579	Geothermal fluid	Р	31	N/A
										161,892			
		TOTALS			323.785	0			130.579	161,892			

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature)

LDG Plant Manager (Title)

8/19/2014 (Date)

From: Kacie Peterson <kacie.peterson@cyrqenergy.com>

**Sent:** Monday, July 21, 2014 10:47 AM

**To:** Dawson, Scott, EMNRD

Cc: Chavez, Carl J, EMNRD; Griswold, Jim, EMNRD; Nick Goodman; Steve Brown; David

Janney (david.janney@amec.com); michelle@mhenrie.com; Mike Gipson; David

Ramirez

**Subject:** Lightning Dock Geothermal, Submittal: June 2014 G-108 ("Monthly Geothermal

Production Report")

**Attachments:** G-108, Lightning Dock Geothermal, JUNE 2014 REPORT, 7-21-14.pdf

Mr. Dawson,

Attached is Lightning Dock Geothermal's submittal of the June 2014 G-108 report ("Monthly Geothermal Production Report"). Please have your staff contact me if they have any questions/comments.

Thanks.

#### **Kacie Peterson**

#### Lightning Dock Geothermal HI-01, LLC



#### OIL CONSERVATION DIVISION PO BOX 2088 SANTA FE, NEW MEXICO 87501

Form G-108 Adopted 10-1-74 Revised 10-1-78

										Month of:		June 2014	1
Operator:		Lightn	ing Dock Ge	othermal HI-0	01, LLC		Address:		18 Gr	eenhouse Dr	ive, Animas N	IM 88020	
Lease Name:			BLM (NI	VI 34790)			Reservoir:	Lightnir	ng Dock	County:		Hidalgo	
			NOTE:	Report actu	ıal productio	n (NOT SAL	ES). Use Fo	rm G-109 fo	r water injed	tion wells.	***************************************		20/00/00/00
		Loca	ation										
Well No	Unit Ltr,	Sec.	Twp.	Rge.	Total mass produced (Lbs x 10 ⁶ )	produced	Flow temp. (°F)	Flow pres. (psig)	Water produced (acre-feet)	Minerals produced (type and tons)	Method of Prod (F. or P.)	# days well prod.	If well not in production, state reason
45-7	к	7	258	19W	315.773	0	311.6	85.9	127.348	Geothermal fluid	Р	30	N/A
			:							157,887			
		TOTALS			315.773	0			127.348	157,887			

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Mile Hyml (Signature)

<u>Director of Operations</u>
(Title)

7/18/2014 (Date)

										Month of:		May 2014	,
Operator:		Lightni	ng Dock Ged	othermal HI-0	01, LLC		Address:		18 Gre	enhouse Dri	ve, Animas I	NM 88020	
Lease Name:				A 34790)			Reservoir:		ng Dock	County:		Hidalgo	
			NOTE: R	eport actua	l production	ı (NOT SAL	ES). Use F	orm G-109 f	or water inj	ection wells	ş.		
		Loca	ation										
Well No	Unit Ltr.	Sec.	Twp.	Rge.	produced	Dry stream produced (Lbs x 10 ⁶ )	Flow temp.	Flow pres. (psig)	Water produced (acre-feet)	Minerals produced (type and tons)	Method of Prod (F. or P.)		If well not in production, state reason
45-7	К	7	258	19W	239.23	0	311.2	78.8	96.729	Geothermal fluid	Р	22	Submersible Pump Installation
										119,615			
											and the second s		
		TOTALS			239.23	0			96.729	119,615			

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

mile Lymy

Director of Operations
(Title)

6/19/2014 (Date)



10 June 2014

Mr. Carl J. Chavez New Mexico Energy, Minerals & Natural Resources Department Oil Conservation Division, Environmental Bureau 1220 South St. Francis Drive, Santa Fe, New Mexico 87505

RE: Lightning Dock Geothermal HI-01, LLC

Permit No. GTHT-001

Dear Mr. Chavez,

Attached are revised Forms G-108, G-109, and G-110 for the period of January-April, 2014 for the above referenced permit at Cyrq's Lighting Dock Geothermal (LDG) Power Plant. The revised reports are being submitted to correct minor errors in the reports due to discrepancies in metering equipment on the production well.

The power plant began commercial operations in December, 2013. After an internal quarterly review of the reports and flow meters on production and injections wells, LDG realized that the flow meters required additional calibration by the manufacturer, GE Sensing (GE). From our internal review, we have determined that the injection well flows meters are accurate, but the flow meter for production well 45-7 requires additional calibration to more accurately measure the well's production flow. The revised reports reflect adjusted flow and mass numbers for Well 45-7, the plant's only production well. During the reporting period, there were no discharges into the lined blow down ponds at Wells 45-7 and 55-7, therefore the reports reflect no losses due to discharges, evaporation, or flashing.

To correct the problem and ensure more accurate readings in the future, GE will be calibrating all of the meters this week. Documentation of the calibration will be provided to OCD under a separate cover. Going forward, GE will calibrate the meters on an annual basis or sooner as needed. Please contact me if you have any questions regarding these reports.

Sincerely,

Lightning Dock Geothermal HI-01, LLC

Kacie Peterson

Jacie Feterson

Manager, Permitting and Community Relations



#### **Attachments:**

- G-108, Lightning Dock Geothermal, January 2014 Report, 6-10-14 G-109, Lightning Dock Geothermal, January 2014 Report, 6-10-14 G-110, Lightning Dock Geothermal, Well LDG 53, 7, January 2014
- G-110, Lightning Dock Geothermal, Well LDG 53-7, January 2014, 6-10-14
- G-110, Lightning Dock Geothermal, Well LDG 55-7, January 2014, 6-10-14
- G-110, Lightning Dock Geothermal, Well LDG 63-7, January 2014, 6-10-14
- G-108, Lightning Dock Geothermal, February 2014 Report, 6-10-14
- G-109, Lightning Dock Geothermal, February 2014 Report, 6-10-14
- G-110, Lightning Dock Geothermal, Well LDG 53-7 February 2014, 6-10-14
- G-110, Lightning Dock Geothermal, Well LDG 55-7, February 2014, 6-10-14
- G-110, Lightning Dock Geothermal, Well LDG 63-7, February 2014, 6-10-14
- G-108, Lightning Dock Geothermal, March 2014 Report, 6-10-14
- G-109, Lightning Dock Geothermal, March 2014 Report, 6-10-14
- G-110, Lightning Dock Geothermal, Well LDG 53-7, March 2014, 6-10-14
- G-110, Lightning Dock Geothermal, Well LDG 55-7, March 2014, 6-10-14
- G-110, Lightning Dock Geothermal, Well LDG 63-7, March 2014, 6-10-14
- G-108, Lightning Dock Geothermal, April 2014 Report, 6-10-14
- G-109, Lightning Dock Geothermal, April 2014 Report, 6-10-14
- G-110, Lightning Dock Geothermal, Well LDG 53-7, April 2014, 6-10-14
- G-110, Lightning Dock Geothermal, Well LDG 55-7, April 2014, 6-10-14
- G-110, Lightning Dock Geothermal, Well LDG 63-7, April 2014, 6-10-14
- Cc: S. Dawson, NMOCD
  - J. Griswold, NMOCD
  - N. Goodman, Cyrq Energy
  - S. Brown, Cyrq Energy
  - D. Janney, AMEC
  - M. Henrie, Land Water Law

Form G-108 Adopted 10-1-74 Revised 10-1-78

#### MONTHLY GEOTHERMAL PRODUCTION REPORT

							S			Month of:		January 201	4
Operator:		Lightni	ng Dock Ged	othermal HI-0	1, LLC		Address:		18 Gre	enhouse Driv	e, Animas Ni	VI 88020	
Lease Name:			BLM (N	И 34790)			Reservoir:	Lightnir	ng Dock	County: Hidalgo			
			NOTE: F	Report actua	l production	(NOT SALE	S). Use For	m G-109 for	water inject	ion wells.			
		Loca	ation										
Well No	Unit Ltr.	Sec.	Тwp.	Rge.	produced	Dry stream produced (Lbs x 10 ⁶ )	Flow temp.	Flow pres. (psig)	Water produced (acre-feet)	Minerals produced (type and tons)	Method of Prod (F. or P.)	# days well prod,	If well not ir production, state reasor
45-7	К	7	258	19W	285.03	0	306.2°	75,3	115.247	Geothermal fluid	Р	31	N/A
										159,043			
		TOTALS	<u> </u>		285.03	0			115.247	159,043			

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Mule How (Signature)

<u>Director of Operations</u>
(Title)

6/10/2014 (Date)

Form G-108 Adopted 10-1-74 Revised 10-1-78

6/10/2014 (Date)

#### MONTHLY GEOTHERMAL PRODUCTION REPORT

M-0000		101111011111111111111111111111111111111								Month of:		February 201	4
Operator:		Lightni	ing Dock Ged	othermal HI-C	1, LLC		Address:		18 Gre	enhouse Driv	re, Animas N	VI 88020	
Lease Name:			BLM (N	Л 34790)			Reservoir:	Lightnir	ng Dock	County: Hidalgo			
			NOTE: F	Report actua	I production	(NOT SALE	S). Use For	m G-109 for	water inject	ion wells.			
		Loca	ation										
Well No	Unit Ltr.	Sec.	Twp.	Rge.	Total mass produced (Lbs x 10 ⁶ )	Dry stream produced (Lbs x 10 ⁶ )	Flow temp. (°F)	Flow pres. (psig)	Water produced (acre-feet)	Minerals produced (type and tons)	Method of Prod (F. or P.)	# days well prod.	If well not in production, state reaso
45-7	К	7	258	19W	292.617	0	311.4°	75.3	118.314	Geothermal fluid	Р	28	N/A
										159,043			
												and the second s	
-t-time-ongeopengoone		TOTALS			292.617	0			118.314	159,043			

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

| Director of Operations (Title) |

Form G-108 Adopted 10-1-74 Revised 10-1-78

6/10/2014 (Date)

## MONTHLY GEOTHERMAL PRODUCTION REPORT

										Month of:		March 2014	
Operator:		Lightni	ing Dock Ged	othermal HI-0	01, LLC		Address:		18 Gre	enhouse Driv	e, Animas Ni	M 88020	
Lease Name:			BLM (N	M 34790)			Reservoir:	Lightnir	ng Dock	County:		Hidalgo	
			NOTE: I	Report actua	al production	(NOT SALE	S). Use For	m G-109 for	water inject	ion wells.			
		Loca	ation										
Well No	Unit Ltr.	Sec.	Twp.	Rge.	Total mass produced (Lbs x 10 ⁶ )	produced	Flow temp. (°F)	Flow pres. (psig)	Water produced (acre-feet)	Minerals produced (type and tons)	Method of Prod (F. or P.)	# days well prod.	If well not in production, state reasor
45-7	К	7	258	19W	311.359	0	311.3°	73.9	125,892	Geothermal fluid	Р	31	N/A
										159,043			
											de maniera su		
	TOTALS					0			125.892	159,043			

1 hereby certify that the information above is true and complete to the best of my knowledge and belief.

Director of Operations
(Signature) (Title)

Form G-108 Adopted 10-1-74 Revised 10-1-78

6/10/2014 (Date)

### MONTHLY GEOTHERMAL PRODUCTION REPORT

										Month of:		April 2014	
Operator:		Lightni	ing Dock Ged	othermal HI-0	01, LLC		Address:		18 Gre	enhouse Driv	e, Animas N	M 88020	
Lease Name:			BLM (Ni	vi 34790)			Reservoir:	Lightnir	ng Dock	County:		Hidalgo	
	77 T M COLOR TO TO THE		NOTE: I	Report actua	al production	(NOT SALE	S). Use For	m G-109 for	water inject	ion wells.			
		Loca	ation										
Well No	Unit Ltr.	Sec.	Twp.	Rge.	produced	Dry stream produced (Lbs x 10 ⁶ )	Flow temp.	Flow pres. (psig)	Water produced (acre-feet)	Minerals produced (type and tons)	Method of Prod (F. or P.)	# days well prod.	If well not ir production, state reason
45-7	К	7	258	19W	307.836	0	311.4°	75	124.468	Geothermal fluid	Р	30	N/A
										159,043			
1									and the second s				
		TOTALS		1	307.836	0			124.468	159,043			

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

| Director of Operations (Signature) (Title)

# OIL CONSERVATION DIVISION PO BOX 2088 SANTA FE, NEW MEXICO 87501

Form G-108 Adopted 10-1-74 Revised 10-1-78

#### MONTHLY GEOTHERMAL PRODUCTION REPORT

							***************************************			Month of:	AND RESIDENCE OF THE PARTY OF T	January 201	4
Operator:		Lightni	ing Dock Ge	othermal HI-0	1, LLC		Address:	AND COLUMN STREET, STR	18 Gre	enhouse Driv	e, Animas Ni	√I 88020	
Lease Name:	ilialoga kalanga paranga paga paga paga paga paga paga paga	30344	BLM (N	M 34790)			Reservoir:	Lightni	ng Dock	County:		Hidalgo	
	Q7-442-W-74		NOTE: I	Report actua	l production	(NOT SALE	S). Use For	m G-109 for	water inject	ion wells.			
		Loca	ation										
Well No	Unit Ltr.	Sec.	Тwp.	Rge.	Total mass produced (Lbs x 10 ⁶ )	Dry stream produced (Lbs x 10 ⁶ )	Flow temp. (°F)	Flow pres. (psig)	Water produced (acre-feet)	Minerals produced (type and tons)	Method of Prod (F. or P.)	# days well prod.	If well not in production, state reasor
45-7	К	7	258	19W	294.992	0	306.2	75.3	119.275	Geothermal fluid	Р	31	N/A
										147,496			
												Angel Lagran and Lagra	
·/		TOTALS		A	294.992	0			119.275	147,496			
hereby ce	rtify that the	e informatic	(Signature)	true and cor	mplete to th	e best of m		<u>lanager</u>	•	-	2/20/14 (Date)		

#### OIL CONSERVATION DIVISION PO BOX 2088 SANTA FE, NEW MEXICO 87501

Form G-108 Adopted 10-1-74 Revised 10-1-78

#### MONTHLY GEOTHERMAL PRODUCTION REPORT

			······································	E0022000		5.9.45 co. West annual		W.W. C		Month of:		ecember 20	13
Operator:		Lightn	ing Dock Ge	othermal HI-0	)1, LLC		Address:		18 Gre	enhouse Driv	e, Animas Ni	VI 88020	
Lease Name:			BLM (N	VI 34790)			Reservoir:	Lightnir	ng Dock	County:		Hidalgo	
			NOTE: I	Report actua	al production	(NOT SALE	S). Use For	m G-109 for	water inject	ion wells.			
		Loca	ation										
Well No	Unit Ltr.	Sec.	Twp.	Rge.	Total mass produced (Lbs x 10 ⁶ )	Dry stream produced (Lbs x 10 ⁶ )	Flow temp.	Flow pres. (psig)	Water produced (acre-feet)	Minerals produced (type and tons)	Method of Prod (F. or P.)	# days well prod.	If well not in production state reaso
45-7	К	7	258	19W	91.8	0	305	73	37.1	Geothermal fluid, 45,900 tons	Р	12 O <b>R</b>	N/A
									-08	UE TO N	ATHER		
								AM	ENDER				
		TOTALS			91.8	0			37.1				
iereby cei	rtify that th	e informatic	n above is	true and co	mplete to th	e best of m	y knowledg	e and belief	•				

Plant Manager 2/20/14
(Signature) (Title) (Date)

#### OIL CONSERVATION DIVISION PO BOX 2088 SANTA FE, NEW MEXICO 87501

Form G-108 Adopted 10-1-74 Revised 10-1-78

#### MONTHLY GEOTHERMAL PRODUCTION REPORT

					A. W		W. W	p		Month of:		January 201	4
Operator:		Lightn	ing Dock Ge	othermal HI-0	)1, LLC		Address:		18 Gre	enhouse Driv	re, Animas NI	VI 88020	
Lease Name:			BLM (N	VI 34790)			Reservoir:	Lightnir	ng Dock	County:		Hidalgo	
			NOTE: I	Report actua	I production	(NOT SALE	S). Use For	m G-109 for	water injec	tion wells.			
		Loc	ation										
Well No	Unit Ltr.	Sec.	Тwp.	Rge.	Total mass produced (Lbs x 10 ⁶ )	Dry stream produced (Lbs x 10 ⁶ )	Flow temp. (°F)	Flow pres. (psig)	Water produced (acre-feet)	Minerals produced (type and tons)	Method of Prod (F. or P.)	# days well prod.	If well not in production state reaso
45-7	К	7	258	19W	294.992	0	306.2	75.3	119.275	Geothermal fluid, 147,496 tons	Р	31	N/A
		TOTALS			294.992	0			119.275				
I hereby cei	rtify that th	TOTALS e informatio	on above is	true and co	294.992 mplete to th	0 e best of m	y knowledg	e and belief	119.275				

Plant Manager 2/20/14
(Signature) (Title) (Date)

#### OIL CONSERVATION DIVISION PO BOX 2088 SANTA FE, NEW MEXICO 87501

Form G-108 Adopted 10-1-74 Revised 10-1-78

#### MONTHLY GEOTHERMAL PRODUCTION REPORT

										Mon			ecember 20	13
Operator:		Lightn	ng Dock Ge	othermal HI-0	1, LLC		Address:		18 Gre	enhous	e Driv	e, Animas N	M 88020	
Lease Name:			BLM (NI	M 34790)			Reservoir:	Lightnir	ng Dock	Cou	nty:		Hidalgo	
			NOTE: I	Report actua	ıl production	(NOT SALE	S). Use For	m G-109 for	water inject	ion we	lls.			
		Loc	ation											
Well No	Unit Ltr.	Sec.	Тwp.	Rge.	Total mass produced (Lbs x 10 ⁶ )	Dry stream produced (Lbs x 10 ⁶ )	Flow temp. (°F)	Flow pres. (psig)	Water produced (acre-feet)	Mine prod (type tor	uced and	Method of Prod (F. or P.)	# days well prod.	if well not in production state reaso
45-7	к	7	258	19W	91.8	0	305	73	37.1	Geoth fluid, to	348.4	Р	12	N/A
			(							,				
		TOTALS	1	^	91.8	0			37.1					
hereby cer		n hij	(Signature)	true and co	mplete to th	e best of m	Plant M	e and belief fanager tie)		_		1/20/14 (Date)		

Sudar a 7-474 Miga