

STATE OF NEVADA
COMMISSION ON MINERAL RESOURCES
DIVISION OF MINERALS
400 W. King Street, Suite 100
Carson City, Nevada 89703
(775) 684-7040 • Fax (775) 684-7052

NEVADA - Div. 50
NATIONAL - Div. 50
MULTI-STATE - Div. 50

COMMERCIAL AND INDUSTRIAL CLASS
GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT

Company Nevada Geothermal Utility Address 4790 Laughlin Pkwy Ste 456 Reno
in/Project Warren & Mazanin Estates County Nye Month of December, 2009

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

Field and well name	Well No.	GEOTHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
MOANA Est	3	393,254	12,190,885	168.8°F	13.5'	1040 ft
MOANA Est	1	61,780	1,915,200	168.8°F	63.7'	Kyle Peak Andesite

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

I hereby certify that the information given hereon is true, correct and complete to the best of my knowledge.

Signature Andrew McKay

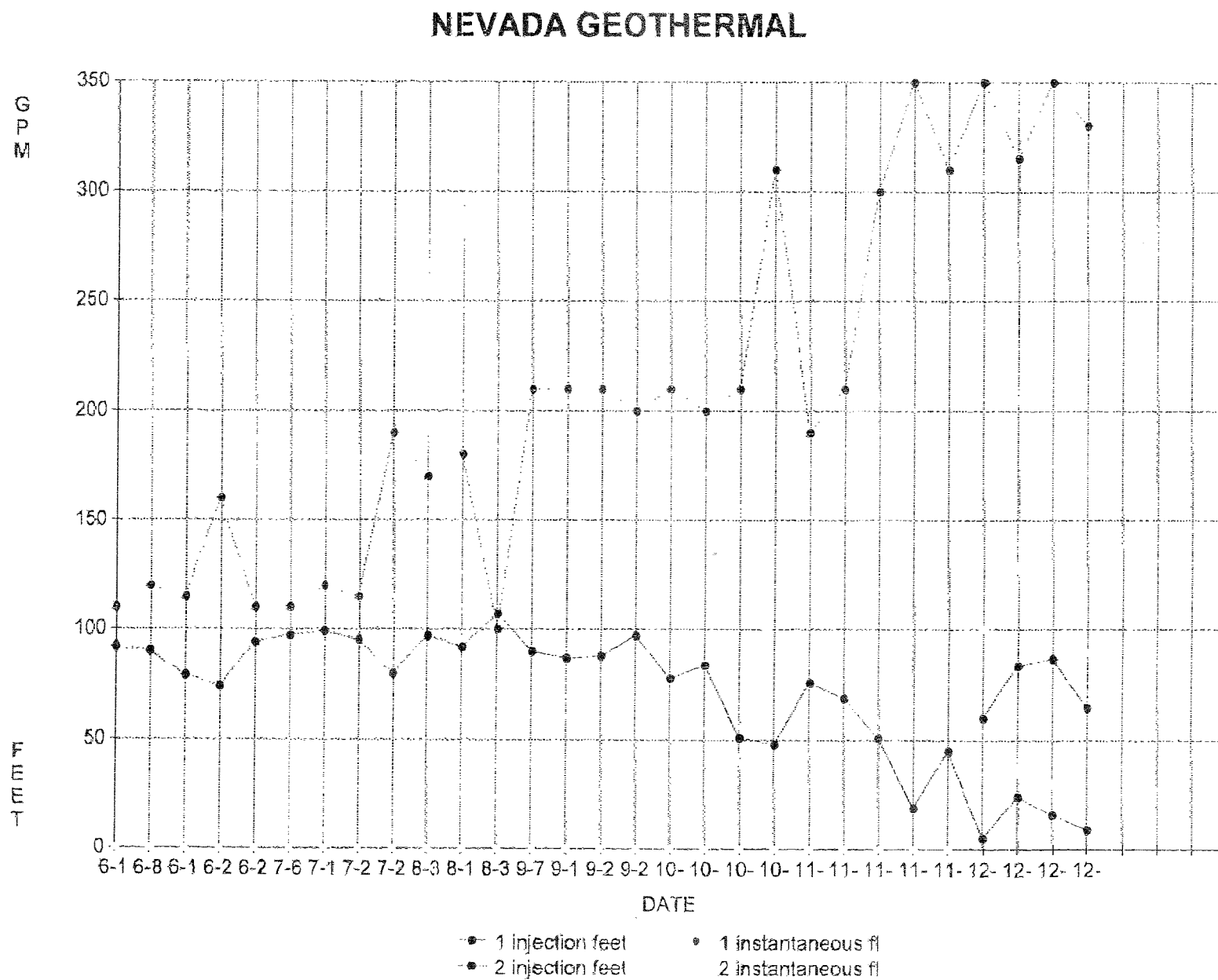
Position Sec

Date 1-6-10

Weekly measurements of production and injection activities at Nevada Geothermal

date	time	temp of produced fluid	instantaneous flow # 1	injection # 1 water level	totalizing reading x1000 gpm	injection # 2 water level	instantaneous flow # 2 EST	pump temp	injection fluid
2009									
6-1	7:11	205	110	92	1072929	no	0	2	158
6-8	6:58	205	120	90	1074526	no	0	2	159
6-15	7:02	205	115	79	1075918	no	0	2	159
6-22	7:00	205	160	74	1077223	no	0	2	158
6-29	6:35	205	110	94	1078380	no	0	2	155
7-6	7:06	205	110	97	1079535	no	0	2	156
7-13	7:01	205	120	99	1080767	no	0	2	155
7-20	7:06	205	115	95	1081855	no	0	2	157
7-27	7:11	205	190	80	1082919	no	0	2	158
8-3	7:02	205	170	97	1083981	no	0	2	155
8-10	6:55	205	180	92	1085147	no	0	2	156
8-31	7:06	205	100	107	1086537	no	0	2	160
9-7	7:10	205	210	90	1087592	no	0	2	158
9-14	7:05	205	210	87	1088842	no	0	2	159
9-21	7:14	205	210	88	1089906	no	0	2	159
9-28	7:15	205	200	97	1091032	no	0	2	157
10-5	7:17	205	210	78	1092357	no	0	2	158
10-12	7:11	205	200	84	1093768	no	0	2	150
10-19	7:16	205	210	51	1095398	no	0	2	146
10-26	7:12	205	310	48	1097114	no	0	2	151
11-2	7:04	205	190	76	1098762	no	0	2	155
11-9	7:13	205	210	69	1100222	no	0	2	160
11-16	7:14	205	300	51	1102063	no	0	2	162
11-23	7:00	205	350	19	1103852	no	0	2	165
11-30	7:03	205	310	45	1105934	no	0	2	167
12-7	6:58	205	350	5	1108847	60	100	2	170
12-14	7:04	205	315	24	1111903	64	35	2	168
12-21	6:57	205	350	16	1115129	87	30	2	165
12-28	7:01	205	330	9	1118675	65	90	2	172

Off 8-17 through 8-30



Fm:Nevada Analytical Services To:Bruce Harvey Annual Water Analysis for NGU 10:37 12/23/09 NT-06 Pg 03-04



855 Mill Street, Suite 2B, Reno, NV 89502 | Phone: 775.284.3970 | Fax: 866.755.7619
NV Laboratory ID: NV00923 | EPA Laboratory ID: NV00923

Contact: Frank Warren
Company/Client: Nevada Geothermal Utilities
Address: PO Box 915
City: Rancho Santa Fe
State: CA
Zip: 92067
Phone:
Fax:

Sampling Date: 12/17/2009
Submission Date: 12/17/2009
Matrix: Aqueous
Sampling Site: N/A
Project: N/A
Reference Number: N/A
PO Number: N/A
Sampled By: Client

Client Identification: Annual Sampling Mandate

Laboratory Identification: 1209024-1

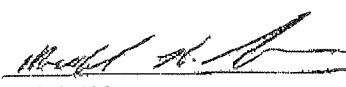
Analyses	Description	Result	Units	Date Analyzed	Method	Reporting Limit	
Chloride		59.8	mg/L	12/22/2009	EPA 300.0	0.1	Contract Lab NV023
Fluoride		4.06	mg/L	12/22/2009	EPA 300.0	0.5	Contract Lab NV023
Sulfate		347	mg/L	12/22/2009	EPA 300.0	0.1	Contract Lab NV023

Analyses	Description	Result	Units	Date Analyzed	Method	Reporting Limit	
Alkalinity	Total (as CaCO ₃)	52.5	mg/L	12/22/2009	SM 2320.B	5	Contract Lab NV023

Analyses	Description	Result	Units	Date Analyzed	Method	Reporting Limit	
Arsenic (As)		0.12	mg/L	12/22/2009	SM 3120.B	0.05	Contract Lab NV023
Boron (B)		2.14	mg/L	12/22/2009	SM 3120.B	0.05	Contract Lab NV023
Calcium (Ca)		29.1	mg/L	12/22/2009	SM 3120.B	0.05	Contract Lab NV023
Silica (as SiO ₂)		45.6	mg/L	12/22/2009	SM 3120.B	0.05	Contract Lab NV023
Sodium (Na)		516	mg/L	12/22/2009	SM 3120.B	0.05	Contract Lab NV023

Analyses	Description	Result	Units	Date Analyzed	Method	Reporting Limit	
pH		6.52	S.U.	12/17/2009	SM 4500-H ₊ .B	N/A	Contract Lab NV023

Remarks: None


Technical Director

12/23/2009
Date

STATE OF NEVADA
COMMISSION ON MINERAL RESOURCES
DIVISION OF MINERALS
400 W. King Street, Suite 106
Carson City, Nevada 89703
(775) 884-7040 • Fax (775) 884-7052

ORIGINAL - Div. File
DUPLICATE - Div. File
TRIPPLICATE - Company File

COMMERCIAL AND INDUSTRIAL CLASS
GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT

County Nevada Geothermal Utility Address 4790 Laughlin Pkwy Ste 456 Reno

Project Warren & Mesquita Estates County Washoe Month of November, 2009

in 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		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Moana	3	216,353	6,490,500	158.6°F	52"	1040 ft Kate Peak Andesite

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

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature Roderic M. J. [Signature]

Position Sec

Date 12-2-09

STATE OF NEVADA
COMMISSION ON MINERAL RESOURCES
DIVISION OF MINERALS
400 W. King Street, Suite 100
Carson City, Nevada 89703
(775) 684-7040 • Fax (775) 684-7052

ORIGINAL - 20% File
DUPLICATE - 10% File
TRIPPLICATE - Company File

COMMERCIAL AND INDUSTRIAL CLASS
GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT

Company Nevada Geothermal Utility Address 4790 Coughlin Pkwy Ste 456 Reno

Project Warren & Mesquite Estates County Washoe Month of September 2009

for 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		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Moana	3	166,481	4,894,430	159°F	90.5'	1040 ft Kate Peak Andesite

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

I hereby certify that the information given hereon is true, correct and complete to the best of my knowledge.

Signature [Signature]

Position SGC

Date 10-1-09

STATE OF NEVADA
COMMISSION ON MINERAL RESOURCES
DIVISION OF MINERALS
400 W. King Street, Suite 106
Carson City, Nevada 89703
(775) 884-7040 • Fax (775) 884-7052

CHIEF - Mr. P.D.
DEPUTY CHIEF - Mr. P.D.
DEPUTY CHIEF - Mr. P.D.

COMMERCIAL AND INDUSTRIAL CLASS
GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT

County Nevada Geothermal Utility Warren & Marzotto Estates Address 4790 Coughlin Pkwy Ste 456 Reno

County Washoe Month of August, 2009

for 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		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Moana	3	103,371	3,204,501	147°F	H 1 98.6	1040 ft Kato Peak Andesite

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

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

System Down

Signature Mark McKeay

Position Sec

Date 9-2-09

8-17-09 TO 8-30-09

STATE OF NEVADA
COMMISSION ON MINERAL RESOURCES
DIVISION OF MINERALS

400 W. King Street, Suite 106
Carson City, Nevada 89703
(775) 884-7040 • Fax (775) 884-7052

ORIGINAL - Div. File
DUPLICATE - Div. Records
TRIPlicate - Company File

COMMERCIAL AND INDUSTRIAL CLASS
GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT

Company Nevada Geothermal Utility Address 4790 Caughlin Plwy. Ste 456 Reno
Project Warren & Mesquite Estates County Washoe Month of July, 2009

on 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		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Moana	3	162,107	5,025,317	156° F	± 1 93.1	1040 ft Kato Peak Andesite

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

I hereby certify that the information given herein is true, correct and complete to the best of my knowledge.

Signature [Signature]

Position Sec

Date 8-5-09

STATE OF NEVADA
COMMISSION ON MINERAL RESOURCES
DIVISION OF MINERALS
400 W. King Street, Suite 100
Carson City, Nevada 89703
(775) 684-7040 • Fax (775) 684-7062

ORIGINAL - Div. MPR
REPLICA - Div. MPR
REPLICA - County MPR

COMMERCIAL AND INDUSTRIAL CLASS
GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT

Company Nevada Geothermal Utility Address 4790 Coughlin Pkwy. Ste 456 Reno
Project Warren & Mesquite Estates County Washoe Month of June, 2009

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

Field and well name	Well No.	GEOTHERMAL FLUIDS INJECTED		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Moana	3	194,670	5,840,100	158°F	85.8	1040 ft Kata Peak Andesite

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

I hereby certify that the information given herein is true, correct and complete to the best of my knowledge.

Signature Daniel M. McCoy

Position Sec

Date 7-1-09

STATE OF NEVADA
COMMISSION ON MINERAL RESOURCES
DIVISION OF MINERALS
400 W. King Street, Suite 100
Carson City, Nevada 89703
(775) 684-7040 • Fax (775) 684-7062

ORIGINAL - Div. File
DUPLICATE - Div. Office
TRIPPLICATE - Reporting File

COMMERCIAL AND INDUSTRIAL CLASS
GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT

County Nevada Geothermal Utility Address 4790 Laughlin Pkwy. Ste 456 Reno

Project Warren & Mesquite Estates County Washoe Month of May, 2009

in 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		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Moana	3	175,828	5,450,655	158°F	#1 85.6	1040 ft Kate Peak Andesite

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

I hereby certify that the information given hereon is true, correct and complete to the best of my knowledge.

Signature [Signature]

Position SEC

Date 6-3-09

STATE OF NEVADA
COMMISSION ON MINERAL RESOURCES
DIVISION OF MINERALS
400 W. King Street, Suite 100
Carson City, Nevada 89703
(775) 684-7040 • Fax (775) 684-7052

ORIGINAL - 20%
DUPLICATE - 20%
TRIPPLICATE - 60%

RECEIVED

MAY 04 2009

Division of Minerals

COMMERCIAL AND INDUSTRIAL CLASS
GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT

Company Nevada Geothermal Utility Address 4790 Cargill Plac Ste 456 Reno

Project Warren & Mesquite Estates County Washoe Month of April, 2009

in 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		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Moana	3	265,857	7,957,710	157°F	#1 49.4'	1040 ft Kate Peak Andesite

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

I hereby certify that the information given herein is true, correct and complete to the best of my knowledge.

Signature [Signature]

Position SrC

Date 5-1-09

NEW 01/02/01 L19

STATE OF NEVADA
COMMISSION ON MINERAL RESOURCES
DIVISION OF MINERALS
400 W. King Street, Suite 106
Carson City, Nevada 89703
(775) 884-7040 • Fax (775) 884-7052

REGULATORY - Div. File
INVESTIGATIVE - Div. 1000
ADMINISTRATIVE - Div. 1000

RECEIVED

APR 02 2009

Division of Minerals

COMMERCIAL AND INDUSTRIAL CLASS
GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT

Company Nevada Geothermal Utility Address 4790 Carnegie Plaz. Ste 456 Reno

Project Warren & Manzanita Estates County Washoe Month of March 2009

for 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		Average Temp.	Injection Pressure	Reservoir Depth & Formation
		Gallons per day	Gallons per month			
Moana	3	356,571	11,053,701	160 °F	#1 26.2'	1040 ft Kata Pent Andesite

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

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature Roder McKay

Position Sec

Date 4-1-09

(NEED APPROVAL LVS)

STATE OF NEVADA
COMMISSION ON MINERAL RESOURCES
DIVISION OF MINERALS
400 W. King Street, Suite 100
Carson City, Nevada 89703
(775) 884-7040 • Fax (775) 884-7062

ORIGINAL - Mr. P
REPLACEMENT - Mr. M
REPLACEMENT - Mr. M

RECEIVED

MAR 02 2009

Division of Minerals

COMMERCIAL AND INDUSTRIAL CLASS
GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT

Company Nevada Geothermal Utility Address 4790 Coughlin Pkwy. Ste 456 Reno
Project Warren & Mesavito Estates County Washoe Month of February, 2009

File 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		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Moana	3	425,035	11,901,000	159 °F	#1 26.6	1040 ft Kate Peak Andesite

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

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature [Signature]

Position Sec

Date 3-2-09

(SEE ATTACHED L-1)

STATE OF NEVADA
 COMMISSION ON MINERAL RESOURCES
 DIVISION OF MINERALS
 400 W. King Street, Suite 105
 Carson City, Nevada 89703
 (775) 884-7040 • Fax (775) 884-7062

ORIGINAL - Div. File
 DUPLICATE - Div. Record
 TRIPLICATE - Company File

COMMERCIAL AND INDUSTRIAL CLASS
 GEOTHERMAL SUBSURFACE INJECTION MONTHLY REPORT

Company Nevada Geothermal Utility Address 4790 Laughlin Pkwy. Ste 456 Reno
 Project Warren & Moravita Estates County Washoe Month of JANUARY 2009

For 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		Average Temp.	Injection Pressure	Reservoir depth & formation
		Gallons per day	Gallons per month			
Moana	3	352,170	9,861,000	158° F	41	1040 ft Kale Peak Andesite

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

I hereby certify that the information given herewith is true, correct and complete to the best of my knowledge.

Signature [Signature]
 Position Sec
 Date 2-5-09

McKay Drilling, Inc.

4850 Joule St A-5

Reno, Nevada 89502

(775)825-8692

Fax 856-1620

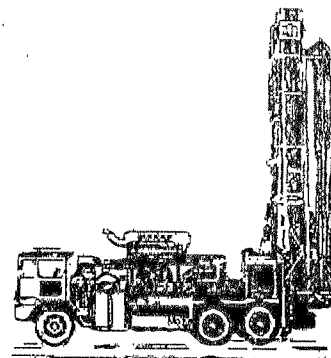
Email: Gordon@McKayDrilling.com

Internet: www.McKayDrilling.com

Serving Northern Nevada Since 1960

Lic. #14170, limit \$350,000

#22763, limit \$350,000



Date: 2-5-09

Attention: Lynda

From: Steve McKay