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By: _____ Date: _____

STATE OF NEVADA
 COMMISSION ON MINERAL RESOURCES
DIVISION OF MINERALS
 400 W. King Street, Suite 106
 Carson City, Nevada 89703
 (775) 684-7040 | Fax (775) 684-7052
<http://minerals.nv.gov>

Date Received 3/23/2026

County Churchill

Project Area
 Permit Number 1733
 FOR DIVISION USE ONLY

GEOHERMAL PROJECT AREA PERMIT APPLICATION

Name or Corporate/Business Name Raser Power Systems, LLC

Street Address 15 W. South Temple, Ste. 1900

City Salt Lake City State UT Zip Code 84101

Telephone 303-859-4229

hereby makes application for a geothermal development permit, State of Nevada, Division of Minerals.

(If applicant is a corporation, show state and date of incorporation; if a partnership, list names of partners.)

Corporation, State of Delaware

This application is for (number):	<u>4</u> production wells	Estimated total depth of each production well:	<u>5,000ft</u>
	_____ injection wells	Estimated total depth of each injection well:	_____
	_____ observation wells	Estimated total depth of each observation well:	_____
	_____ temperature gradient wells	Estimated total depth of each temperature gradient well:	_____

Purpose of Wells:

Energy Production

Project Area or Unit Name: Desert Queen Unit NVNV106386440

Description of Project Area by Section, Township, and Range (a map of the project area must be included with the application):

T22N, R28E, Sections 07,08,17, and 18

Applicant is: Land Owner Lease Holder

Lease Name: Raser Power Systems, LLC Split Estate? Yes No

Land Owner Name: BLM, BNSF, and Private Frase

Geothermal Resource Owner Name: BLM, BNSF, and Private Frase

Operator's Name: Raser Power Systems, LLC
Address: 15 W. South Temple, Ste. 1900
City, St Zip: Salt Lake City, UT, 84101

Drilling Contractor's Name: Capuano Engineering Company; Louis Capuano
Address: 2777 Yulupa Ave, No. 604
City, St Zip: Santa Rosa, CA 95405-8584
Telephone: 707-291-3930

Drilling Program - attach sample drilling program(s) which must include rotary rig description, and if applicable, information on the casing program and equipment for the prevention of a blowout.

Planned Use of Geothermal Resource:

Energy Production - TBD geothermal power plant

Planned Disposal of Spent Geothermal Fluid:

Injection to be determined

Bond Type:
Bond Amount:
Bond Number:
Issued by Name (bank, surety, etc.):

Issued by CD Number or Account
Number:

BLM Bond
\$50,000
NVB001881
RLI Insurance Company

State Bond
\$100,000.00
NDOM OGG Cash Bond Account

The source of the Proposed Geothermal Resource is: Diorite Basement rock
(List name of hot spring, geologic formation(s) or other source.)

Drilling will begin on or before: TBD

Signature of Applicant/Agent: *Geoff Simpson*
Printed Name of Applicant/Agent: Geoff Simpson
Date: 03-12-2026

******* Please enclose the \$500.00 fee along with this application*******
******* Fee is waived if application includes Temperature Gradient Wells ONLY *******

PERMIT APPROVAL

Approved 4/29/2026 with the conditions attached and made a part of the permit.
Date

Project Area Permit Number 1733

Administrator
Division of Minerals