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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 **10/2/2025**

County **HUMBOLDT**

Project Area
Permit Number **1691**
FOR DIVISION USE ONLY

GEOHERMAL PROJECT AREA PERMIT APPLICATION

Name or Corporate/Business Name Zanskar Geothermal & Minerals, Inc.
Street Address 90 S 400 W Ste 410
City Salt Lake City State UT Zip Code 84101
Telephone 208-607-1517

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.)

On file

This application is for (number):	<u>8</u> production wells	Estimated total depth of each production well:	<u>8000</u>
	<u>8</u> injection wells	Estimated total depth of each injection well:	<u>6000</u>
	<u>2</u> observation wells	Estimated total depth of each observation well:	<u>4000</u>
	temperature gradient wells	Estimated total depth of each temperature gradient well:	

Purpose of Wells:

Production wells to generate commercial power, injection wells to ensure proper use of geothermal resource and to reinject fluids, observation wells to monitor the resource.

Project Area or Unit Name: Pumpnickel

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

T33N R40E Section 4 - S2

Applicant is: ☐ Land Owner ☒ Lease Holder

Lease Name: Pumpnickel

Split Estate? ☐ Yes ☒ No

Land Owner Name: Roger & Nancy Johnson

Geothermal Resource Owner Name: Roger and Nancy Johnson/ Allie Bear/ Rebecca Tipton

Operator's Name: Zanskar Geothermal & Minerals, Inc.

Address: 90 S 400 W Ste 410

City, St Zip: Salt Lake City, UT 84101

Drilling Contractor's Name: Ensign Energy

Address: 18287 Weld County Road 394

City, St Zip: La Salle, CO 80645

Telephone: 406-855-5786

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:

Commercial Power Generation

Planned Disposal of Spent Geothermal Fluid:

Drill fluids will be directed into a reserve pit. Spent geothermal fluid will be injected back into the reservoir.

Bond Type:

Bond Amount:

Bond Number:

Issued by Name (bank, surety, etc.):

Issued by CD Number or Account
Number:

BLM Bond

State Bond

100,000

ROG0003166

RLI Insurance Co

Cash

The source of the Proposed Geothermal Resource is: Pumpnickel Geothermal Resource

(List name of hot spring, geologic formation(s) or other source.)

Drilling will begin on or before: 12/1/2025

Signature of Applicant/Agent: Gina Lozoya

Printed Name of Applicant/Agent: Gina Lozoya, Landman

Date: 10/2/2025

***** Please enclose the \$500.00 fee along with this application*****

***** Fee is waived if application includes Temperature Gradient Wells ONLY *****

PERMIT APPROVAL

Approved 11/19/2025 with the conditions attached and made a part of the permit.
Date

Project Area Permit Number 1691

Administrator
Division of Minerals