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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 **7/23/2025**API # **27-027-90139**County **Pershing**Permit Number **1677**
FOR DIVISION USE ONLY**GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION**Name or Corporate/Business Name Zanskar Geothermal & Minerals, Inc.Nevada SOS Business ID Number NV20232846893Street Address 90 S 400 W Ste 410City Salt Lake City State UT Zip Code 84101

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.)

Incorporated in the state of Delaware 9/14/2018 , Registered to do business in Nevada.

This application is for a ☐ Domestic well ☐ Commercial well ☐ Industrial wellOther, specify: ☐ Observation well ☒ Thermal Gradient well ☐ Re-entry**Note:** Re-entry includes workover, deepening, or plugging back operations.Applicant is: ☐ Land Owner ☒ Lease HolderWell Name: ROS-11-27Lease Name/No: Rose of Snowville Split Estate? ☐ Yes ☒ NoLand Type: ☐ Federal (BLM, USFS, etc.) ☒ Private ☐ StateLocation of Well:Domestic: Street: _____
City: _____ County: _____

Commercial and Industrial:

SWNW $\frac{1}{4}$ of, SENW $\frac{1}{4}$ in Section 27,
Township 33N, Range 33E,SHL UTM Northing 4506505 N; UTM Easting 393877 E (NAD83 Datum)
BHL UTM Northing 4506502 N; UTM Easting 394076 E (NAD83 Datum)County Pershing

(If applicable, give street address below.)

Street: _____
City: _____
State: _____ Zip: _____

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: Major Drilling
Address: 2200 S 4000 W
City, St Zip: Salt Lake City, UT 84101

Rotary Rig Description: Core Rig capable of drilling > 3,000 feet as evidenced by other drilling campaigns.

Hole Size: 9 .875" Casing Size: 7"/100', 4.5"/300', 2"/2500' Weight/Gauge: 23#/ 11.6#/ 3.25#

Estimated Well Head Temperature: 125 F

Size of BOP: ☐ 2000 psi ☐ 3000 psi ☐ 5000 psi

Planned Use of Geothermal Resource:

Thermal gradient wells to measure heat flow. If developed, the geothermal resource will be used for commercial power generation.

Planned Disposal of Spent Geothermal Fluid:

No fluids will be produced.

Type and Amount of Bond: \$10,000
(Exempt for Domestic Class)

Bond Issued by: RLI Insurance Company Serial No. ROG0003169

Geothermal Project Area (if applicable) _____

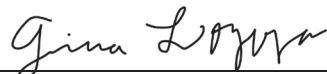
The Source of the Proposed Geothermal Resource is:

This is a blind geothermal system, more work is needed to determine the source of the upflow.

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

Total Depth to be drilled: 2500

Drilling will commence on or before: 9/22/2025

Signature of Applicant/Agent: 
Date: 9/12/2025

Please attach a detailed drilling program including the following information:

1. Well design schematic; casing and mud programs; potential water supply; drilling rig to be used and pad layout; blow out prevention equipment diagram and testing program; directional drilling information if applicable; map of location and access roads. Additional information may be required upon review.
2. The required fee per NAC 534A 210 or 534A.212.

CONDITIONS OF PERMIT

1. All permittees must comply with appropriate sections of the Geothermal Rules and Regulations of the Division of Minerals and with applicable rules and regulations of other local, state, and federal agencies.
2. During the drilling of domestic geothermal wells, all water strata above the geothermal horizon being used must be sealed or separated in order to prevent their contents from passing into other strata.
3. All fresh water and water of value or possible value for other beneficial uses must be confined to their respective strata and be adequately protected by methods approved by the Division. Precautions must be taken in drilling and abandoning wells to guard against any loss of fresh water from the strata in which it occurs, and the contamination of any fresh water by objectionable water.
4. The operator of any well must shut off and exclude all water from any geothermal resource-bearing stratum to the satisfaction of the Division.
5. See attached Conditions of Approval.
6. Please send daily drilling reports to : Dustin Holcomb dholcomb@minerals.nv.gov
and
Crystal Cruson fluids@minerals.nv.gov

7. Additional Conditions/Comments

A.	See the attached Conditions of Approval
B.	BOPE fulfills NAC 534A.270 requirements
C.	

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal, and local agencies.

PERMIT APPROVAL

Approved 9/17/2025 with the conditions noted above.
Date

Permit Number 1677

**Rob
Ghiglieri**

Digitally signed by
Rob Ghiglieri
Date: 2025.09.17
16:16:40 -07'00'

Administrator
Division of Minerals