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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 3/3/2026

API # 27-027-90147

County Pershing

Permit Number 1731
 FOR DIVISION USE ONLY

GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION

Name or Corporate/Business Name Zanskar Geothermal & Minerals, Inc.
 Nevada SOS Business ID Number NV20232846893
 Street Address 90 S 400 W Ste 410
 City 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.)

on file

This application is for a Domestic well Commercial well Industrial well
 Other, specify: Observation well Thermal Gradient well Re-entry

Note: Re-entry includes workover, deepening, or plugging back operations.

Applicant is: Land Owner Lease Holder
 Well Name: CLM-55(74)-27
 Lease Name/No: Ward Ranch Split Estate? Yes No
 Land Type: Federal (BLM, USFS, etc.) Private State

Location of Well:

Domestic: Street: _____
 City: _____ County: _____

Commercial and Industrial:

NW _____ ¼ of, SE _____ ¼ in Section 27,
 Township 28N, Range 32E,

SHL UTM Northing	<u>4457625.80</u>	N;	UTM Easting	<u>383499.50</u>	E (NAD83 Datum)
BHL UTM Northing	<u>4457908.69</u>	N;	UTM Easting	<u>383989.48</u>	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: Noble Drilling
Address: 125 South Howes St. Ste 800
City, St Zip: Fort Collins, CO 80521

Rotary Rig Description: TXD200 Trailer Mounted Top Drive Drilling Rig

Hole Size: 14.75",9.875", 6.75" Casing Size: 10.75",7.625", 4.5" Weight/Gauge: 40.5#/ J/K-55, 26.4#/J/K-55, 11.6#/ K-55

Estimated Well Head Temperature: 90-120C

Size of BOP: 2000 psi 3000 psi 5000 psi

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.


Type and Amount of Bond: Project Surety Bond
(Exempt for Domestic Class)

Bond Issued by: RLI Insurance Company Serial No. ROG0003172
Geothermal Project Area (if applicable) Colado

The Source of the Proposed Geothermal Resource is:
Blind Geothermal Resource

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

Total Depth to be drilled: 7000 ft
Drilling will commence on or before: 5/1/2026

Signature of Applicant/Agent: 
Date: 3/2/2026

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 Conditions of Approval
B.	Colado Project Area #1712
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 4/8/2026 with the conditions noted above.
Date

Permit Number 1731



Administrator
Division of Minerals