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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 3/10/2025County MineralProject Area 1647  
Permit Number \_\_\_\_\_  
FOR DIVISION USE ONLY**GEOHERMAL PROJECT AREA PERMIT APPLICATION**

Name or Corporate/Business Name Ormat Nevada, Inc.  
Street Address 6884 Sierra Center Parkway  
City Reno State NV Zip Code 89511  
Telephone (775) 356-9029

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.)

This application is for (number):	<u>6</u>	production wells	Estimated total depth of each production well:	<u>4,000-6,000 feet</u>
	<u>6</u>	injection wells	Estimated total depth of each injection well:	<u>4,000-6,000 feet</u>
	<u>11</u>	observation wells	Estimated total depth of each observation well:	<u>4,000 feet</u>
	_____	temperature gradient wells	Estimated total depth of each temperature gradient well:	_____

**Purpose of Wells:**

The purpose of the wells are to conduct resource confirmation and future geothermal power.

Project Area or Unit Name: Excelsior Project

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

Sections 12-13 of Township (T) 5 North (N) Range (R) 35 (East) and Sections 07 and 18 of T5N R36E, Mount Diablo Baseline and Meridian.

Applicant is: ☐ Land Owner ☒ Lease Holder  
Lease Name: NVNV105377426 and NVNV106320614 Split Estate? ☐ Yes ☒ No  
Land Owner Name: Ormat Nevada, Inc.  
Geothermal Resource Owner Name: Ormat Nevada, Inc.

Operator's Name: Ormat Nevada, Inc.  
Address: 6884 Sierra Center Parkway  
City, St Zip: Reno, NV 89511

Drilling Contractor's Name: Major Drilling  
Address: 2200 4000 W  
City, St Zip: Salt Lake City, UT 84120  
Telephone: (801) 974-0645

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:

Geothermal electric energy production.

Planned Disposal of Spent Geothermal Fluid:

A drill sump will be constructed to collect cuttings and to contain and recycle the drilling fluids. 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**

\$1,015,312

107521294

Travelers Casualty and Surety Company of America

**State Bond**

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

Drilling will begin on or before: Q3-Q4 2025

Signature of Applicant/Agent:

**Shelby Williams**

Digitally signed by Shelby Williams  
Date: 2025.03.10 09:03:40 -07'00'

Printed Name of Applicant/Agent: Shelby Williams

Date: March 10 2025

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

**PERMIT APPROVAL**

Approved 5/13/2025 with the conditions attached and made a part of the permit.  
Date

Project Area Permit Number 1647

\_\_\_\_\_  
Administrator  
Division of Minerals