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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 11/19/2024

API Number _____

County Pershing

Project Area Permit Number 1637
 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) 857-9455

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>10</u> production wells	Estimated total depth of each production well:	<u>3000-4500 ft.</u>
	<u>10</u> injection wells	Estimated total depth of each injection well:	<u>3000-4500 ft.</u>
	<u>10</u> observation wells	Estimated total depth of each observation well:	<u>3000-4500 ft.</u>
	<u>10</u> temperature gradient wells	Estimated total depth of each temperature gradient well:	<u>3000-4500 ft.</u>

Purpose of Wells:

The purpose of the wells is to conduct geophysical tests and injection/production tests to determine if the area is viable for geothermal power production. Future wells could feed power plant production if the resource can support it.

Project Area or Unit Name: Harmony Prospect

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

T29N R36E Sections 1-3, 10-15, 22, and 23. T29N R37E Sections 6 and 7. T30N R36E Sections 25, 26, 35, 36. T30N R37E Section 31 MDB&M

Applicant is: Land Owner Lease Holder

Lease Name: NVNV 105772596, 105772599, 106320623, 106320624 Split Estate? Yes No

Land Owner Name: Bureau of Land Management

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 4000W
 City, St Zip: Salt Lake City, UT 84120
 Telephone: _____

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:

Exploration operations and potential geothermal power production.

Planned Disposal of Spent Geothermal Fluid:

Thermal gradient wells: a drill sump will be constructed to collect cuttings and to contain and recycle drilling fluids.

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


BLM Bond
\$1,015,312.00
107521294
Travelers Casualty and Surety Company of America

State Bond

Issued by CD Number or Account Number:

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

Drilling will begin on or before: January 1, 2025

Signature of Applicant/Agent: 
 Printed Name of Applicant/Agent: Christopher Jim
 Date: 11/13/2024

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

PERMIT APPROVAL

Approved 12/10/2024 with the conditions attached and made a part of the permit.
 Date

Project Area Permit Number 1637

 Administrator
 Division of Minerals