

For NDOM Use Only☐ Entered in Database

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 **9/1/2023**API # **27-009-90143**County **Esmeralda**Permit Number **1802**

FOR DIVISION USE ONLY

GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATIONName or Corporate/Business Name Ormat Nevada, Inc.Nevada SOS Business ID Number NV19921016142Street Address 6884 Sierra Center PkwyCity Reno State NV Zip Code 89511

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 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: 34-23Lease Name/No: NVNV105693070 Split Estate? ☐ Yes ☒ NoLand Type: ☒ Federal (BLM, USFS, etc.) ☐ Private ☐ StateLocation of Well:Domestic: Street: _____
City: _____ County: _____

Commercial and Industrial:

SW 1 $\frac{1}{4}$ of, NW 1 $\frac{1}{4}$ in Section 23,
Township 1S, Range 40E

SHL UTM Northing	<u>4188060.6</u>	N;	UTM Easting	<u>456186.7</u>	E (NAD83 Datum)
BHL UTM Northing	<u>4188353.4</u>	N;	UTM Easting	<u>455921.9</u>	E (NAD83 Datum)

County Esmeralda

(If applicable, give street address below.)

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

Operator's Name: Ormat Nevada, Inc.

Address: 6884 Sierra Center Pkwy

City, St Zip: Reno, NV 89511

Drilling Contractor's Name: Layne

Address: 580 W Silver St

City, St Zip: Elko, NV 89801

Rotary Rig Description: CT 20 coring rig, Top hole section may be drilling with a rotary rig

Hole Size: 9.875" Casing Size: 7 5/8" Weight/Gauge: 26.4#

Estimated Well Head Temperature: 270F

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

Planned Use of Geothermal Resource:

Commercial Power Generation

Planned Disposal of Spent Geothermal Fluid:

Containment basin or re-injection into resource. Spent fluid may be used for injection testing and flow testing if deemed necessary.

Type and Amount of Bond: BLM Statewide Bond / \$1,015,312.00

(Exempt for Domestic Class)

Bond Issued by: Travelers Casualty and Surety Company of America Serial No. 107521294

Geothermal Project Area (if applicable) Pearl

The Source of the Proposed Geothermal Resource is:

Upflow associated with Paymaster and Copper fault zones within Pearl Geothermal Prospect area

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

Total Depth to be drilled: 5000'

Drilling will commence on or before: 11/01/2026

Signature of Applicant/Agent:

Date: 9/1/2026

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.	Project Area 1559
B.	
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 10/23/2026 with the conditions noted above.
Date

Permit Number 1802

Rob Ghiglieri

Digitally signed by Rob
Ghiglieri
Date: 2026.10.23 13:58:56
-07'00'

Administrator
Division of Minerals