



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 <u>1/15/2025</u>
County <u>Mineral</u>
NDOM Permit Number <u>W0037</u> FOR DIVISION USE ONLY

## DISSOLVED MINERAL RESOURCE EXPLORATION WELL PERMIT APPLICATION

Applicant/Operator Name: Ormat Mineral LLC  
Street Address: 6884 Sierra Center Pkwy  
City: Reno State/Prov.: NV  
Country: USA Zip Code: 89511

hereby makes application for a dissolved mineral resource exploration well permit.

(if applicant is a corporation, show state and date of incorporation; if a partnership, list names of partners.)

Ormat Mineral LLC is a subsidiary of Ormat Nevada INC

Well Name 24(34)-18

This application is for a: ☒ New Exploration Well ☐ Borehole to Well Conversion  
☐ Permit Extension (NDOM Permit # \_\_\_\_\_) (Indicate below any changes to original permit)  
Permit Extension Reason: \_\_\_\_\_

Applicant is: ☐ Land Owner ☒ Lease/Claim Holder

Land Status (choose one):

☒ Federal (BLM, USFS, etc...)

Mining Claim: NMC# NV106384597

Project Name: Excelsior Dissolved Mineral Resource Exploration Project NVN# NVNV105377426

☐ Non Federal

APN#: \_\_\_\_\_ Land Owner: \_\_\_\_\_  
Bond Type: \_\_\_\_\_ Issued by: \_\_\_\_\_  
Amount: \_\_\_\_\_ Number: \_\_\_\_\_

Groundwater Basin Name and Number

Area With Limitations?

NA	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N
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(Well proposed to be drilled within areas with limitations may require Blowout Prevention Equipment, per NAC 534B)

Location of Well:

County: Mineral

N/A  $\frac{1}{4}$  of the N/A  $\frac{1}{4}$  of 18 Sec., Township 05 ☒ N ☐ S, Range 36 E

UTM East: 410036 or Longitude: \_\_\_\_\_  
UTM North: 4238665 Latitude: \_\_\_\_\_  
☒ NAD83 ☐ WGS84 M.D.B. & M.

Drilling Contractor (if known): Major Drilling  
Address: 2200 S 4000 W  
City, State Zip: Salt Lake City, UT 84120

Purpose of Well: Dissolved mineral resource exploration  
Drill Rig Type: LF230 Track Mounted Coring Rid with Substructure  
Surface Hole Diameter: 9.875" Casing Size/Length: 7" / 80', 4.5" / 600', 2.0635" / 4000'  
Expected Total Depth: 4000' MD / 3939.2' TVD Casing Weight/Gauge: 23# / 11.6# / 3.25#  
Casing Schedule/Grade K-55 / L-80 / K-55

Blowout Prevention Equipment Rating: ☐ None ☐ 2000 psi ☐ 3000 psi ☐ 5000 psi  
**1000 psi BOPE Rating - see Section 12 of the Exploration Notice**

Fluid Management Plan - NAC 534B.140(1)(C):

See Section 6 of the Exploration Notice

(Describe Here or Attach Additional Pages)

Contamination Prevention/Cementing Plan - NAC 534B.140(1)(D):

See Section 7 of the Exploration Notice

(Describe Here or Attach Additional Pages, must include Well Schematic)

Flow Monitoring and Plugging Plan - NAC 534B.140(1)(E) / NAC 534B.180:

See Section 8 of the Exploration Notice

(Describe Here or Attach Additional Pages)

Drilling will commence approximately on: Q3-Q4 of 2025

Signature of Applicant/Agent: Shelby Williams Digitally signed by Shelby Williams  
Printed Name/Title: Shelby Williams, Env. Permitting Specialist Date: 2025.01.15 15:12:37 -08'00'  
Date: January 15, 2025

*An application submitted without a signature and date will not be considered for approval.*

-----Attach \$1,000.00 Application Fee Per NAC 534B-----

**----- TO BE COMPLETED BY DIVISION -----**

**CONDITIONS OF PERMIT**

1. All permittees must comply with appropriate sections of the Dissolved Mineral Resource Regulations of the Division of Minerals and with applicable rules and regulations of state and federal agencies.
2. For a well located on non-federal land, a bond in an amount determined by the Division to be necessary to properly plug the well in accordance with NAC 534B must be included.
3. Well Permit Expires two (2) years from date of approval.
4. See attached Conditions of Approval.
5. Send any required reports to: ..... [dholcomb@minerals.nv.gov](mailto:dholcomb@minerals.nv.gov)
6. Additional Conditions/Comments

A.	Administrator waiver granted for use of non-API BOPE
B.	Sump to be fenced on three sides
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.

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**PERMIT APPROVAL**

Approved 04/10/2025 with the conditions noted above.  
Date

Permit Number W0037

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Administrator  
Division of Minerals