



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>W0045</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 78(88)-12

This application ☒ New Exploration Well ☐ Borehole to Well Conversion
is for a: ☒ 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# NV106384593

Project Name: Excelsior Dissolved Mineral Resource Exploration Project NVN# NVNV106320614

☐ 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
----	---

(Well proposed to be drilled within areas with limitations may require Blowout Prevention Equipment, per NAC 534B)

Location of Well:

County: Mineral

SE 1/4 of the SE 1/4 of 12 Sec., Township 05 ☒ N ☒ S, Range 35 E

UTM East: <u>409456</u>	or Longitude: _____
UTM North: <u>4239455</u>	Latitude: _____
<input checked="" type="checkbox"/> NAD83 <input checked="" type="checkbox"/> WGS84	<u>M.D.B. & M.</u>

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 15:17:58 -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
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.

PERMIT APPROVAL

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

Permit Number W0045

Administrator
Division of Minerals