



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 8/29/2024  
 County Lyon  
 NDOM Permit Number W0032  
 FOR DIVISION USE ONLY

**DISSOLVED MINERAL RESOURCE EXPLORATION WELL PERMIT APPLICATION**

Applicant/Operator Name: Ormat Mineral LLC  
 Street Address: 6140 Plumas Street  
 City: Reno State/Prov.: NV  
 Country: United States Zip Code: 89519

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.)

N/A

Well Name 78-34

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# Pending (Filed 07/22/)

Project Name: Mason Exploration Project NVN# NVNV105772577

Non Federal

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

Groundwater Basin Name and Number

Area With Limitations?

Mason Valley 108  Y  N

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

Location of Well:

County: Lyon

SE 1/4 of the SE 1/4 of 34 Sec., Township 11N  N  S, Range 25 E

UTM East: 311748 or Longitude: \_\_\_\_\_  
 UTM North: 4292987 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: Mineral Exploration  
Drill Rig Type: LF230 Track Mounted Coring Rig with Substructure  
Surface Hole Diameter: 9.875" Casing Size/Length: 7" / 80', 4.5" / 400', 2.0625" / 4000'  
Expected Total Depth: 4000' 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 Blowout Prevention Equipment Rating - see section 12 of supporting documentation for details.**

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

See section 6 of attached document.

(Describe Here or Attach Additional Pages)

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

See section 7 of attached document.

(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 attached document.

(Describe Here or Attach Additional Pages)

Drilling will commence approximately on: September or October 2024

Signature of Applicant/Agent: shelby Williams  
Printed Name/Title: Environmental Permitting Specialist  
Date: 08/28/2024

*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**

<b>A.</b>	Provide NDOM with the claim numbers once received
<b>B.</b>	Please refer to DMRE Well Conditions of Approval, as they differ from geothermal.
<b>C.</b>	

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 9/24/2024 with the conditions noted above.  
Date

Permit Number W0032

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Administrator  
Division of Minerals