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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 10/01/2025
API# 27-015-90165
County Lander
Permit Number 1680
FOR DIVISION USE ONLY

GEOTHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION

Name or Corp	orate/Business	Name			
		mber			
Street Addres					
City					
hereby makes	application for a	geothermal developr	nent permit, State of I	Nevada, Divis	sion of Minerals.
(If applicant is a	a corporation, sl	now state and date of	incorporation; if a par	rtnership, list	names of partners.)
This application	n is for a	Domestic well	☐ Commercia	al well	☐ Industrial well
Other,	specify:	Observation well	☐ Thermal G	radient well	☐ Re-entry
Note: Re-entry	y includes work	over, deepening, or pl	ugging back operation	ns.	
Applicant is:	Land Owne	-			
	Lease Name/N			Split Es	state?
	Land Type:	☐ Federal (BLM	I, USFS, etc.)] Private	☐ State
Location of We	<u>II:</u>				
Domestic: S	Street:				
C	N:4			nty:	
Commercial and	d Industrial:				
		½ of,	¼ in Se	ection	,
Tow	nship		, Range		,
SHL	UTM Northing	N;	UTM Easting		E (NAD83 Datum)
	UTM Northing		UTM Easting		E (NAD83 Datum)
Cou	inty				
(If a Stre		street address below.)			
City	-				
Stat	·			Zip:	

Operator's Name:
Address:
City, St Zip:
Drilling Contractor's Name:
Address:
City, St Zip:
Rotary Rig Description:
Hole Size: Casing Size: Weight/Gauge:
Estimated Well Head Temperature:
Size of BOP:
Planned Use of Geothermal Resource:
Planned Disposal of Spent Geothermal Fluid:
Type and Amount of Bond:
(Exempt for Domestic Class)
Bond Issued by: Serial No
Geothermal Project Area (if applicable)
The Source of the Proposed Geothermal Resource is:
(List name of hot spring, geologic formation(s) or other source.)
Total Depth to be drilled:
Drilling will commence on or before:
Signature of Applicant/Agent: <u>Ryan Colley</u> Date:

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

- 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.	See the Conditions of Approval
B.	Project Area #1563 Whirlwind
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 _	10/03/2025	with the conditions noted above.		
	Date			
Permit Num	ber 1680	<u></u>		
			Administrator Division of Minerals	