	For NDOM Use Only			
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Ву:_	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	2/22/2024	
API #	27-019-90058	
County	Lyon	
Permit Number	1577	
FOR DIVISION USE ONLY		

## GEOTHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION

Name or Corpora	ite/Business Na	me				
Nevada SOS Bus	siness ID Numb	er	<b>9</b> -DJH			
Street Address						
City						e
hereby makes app	•					
(If applicant is a co	orporation, show	state and dat	e of incorp	oration; if a	a partnership, list	names of partners.)
This application is	for a	amantin wall			orajal wall	
This application is	tor a	omestic well		□ Comm	ercial well	Industrial well
Other, spe	ecify: $\square$ C	bservation we	ell	☐ Therm	al Gradient well	☐ Re-entry
Note: Re-entry in	cludes workove	, deepening, o	or plugging	g back oper	rations.	
Applicant is:	Land Owner	☐ Lease Ho	older			
• • • • • • • • • • • • • • • • • • • •	ell Name:	<del></del>				
				tate? Yes No		
La	and Type:	Federal (	BLM, USF	S, etc.)		☐ State
Location of Well:						
Domestic: Stre	et:					
City:					County:	
Commercial and Ind	dustrial:	1/ of	:	1/ in	Section	
Townsh	nin		·,	_¼ in , Range	Section	,
	•					, ,
UTM N	orthing	N;	UTM Eas	sting	E (NAL	983 Datum)
County						
(If appli	icable, give stre	et address bel	ow.)			
Street:			,			
City:						
State:					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: ☐ 2000 psi ☐ 3000 psi ☐ 5000 psi
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:

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.....<u>dholcomb@minerals.nv.gov</u> and Crystal Cruson......fluids@minerals.nv.gov
- 7. Additional Conditions/Comments

•	۱.	Please update the NDOM contact information under Notification Lists, page 10 of the Drilling Program
E	3.	NV Business ID: NV20171719415
	<b>)</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.

	PERMIT APPROVAL	
Approved 6/3/2024 Date	with the conditions noted above.	
Permit Number1577		
		Administrator Division of Minerals