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DEC 11 2020

DIVISION OF MINERALS

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	12/11/2020
API Number	27-019-90057
County	LYON
Permit Number	1503
FOR DIVISION USE ONLY	

GEOHERMAL RESOURCE DEVELOPMENT PERMIT APPLICATION

Name or Corporate/Business Name

Whitegrass No. 1, LLC

Street Address 3451 N. Triumph Blvd.

City Lehi State UT Zip Code 84043

hereby makes application for a geothermal development permit, State of Nevada, Division of Minerals.

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

Organization chart on file with NDOM.

This application is for a Domestic well Commercial well Industrial well
 Other, specify: Observation well Thermal Gradient well Re-entry

Note: Re-entry includes workover, deepening, or plugging back operations.

Applicant is: Land Owner Lease Holder

Well Name: TG-F

Lease Name/No: Homestretch, Split Estate? Yes No

Land Type: Federal (BLM, USFS, etc.) Private State

Location of Well:

Domestic: Street: _____
City: _____ County: _____

Commercial and Industrial:

NW _____ ¼ of, SW _____ ¼ in Section 15
Township 15 N, Range 25E

UTM Northing	4337276	N;	UTM Easting	311982	E (NAD83 Datum)
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County Lyon

(If applicable, give street address below.)

Street: 21 Julian Ln.

City: Yerington

State: Nevada Zip: 89447

Operator's Name: Whitegrass No. 1, LLC
Address: 3451 N. Triumph Blvd.
City, St Zip: Lehi, UT 84043

Drilling Contractor's Name: TBD (e.g., Welsco Drilling Corp.)
Address: TBD
City, St Zip: TBD

Rotary Rig Description: Rotary or core rig of suitable capacity to drill to 2,000ft.

Hole Size: 6 1/8" Casing Size: 2 7/8" Weight/Gauge: 6.5 lb/ft, J-55

Estimated Well Head Temperature: 60 degF

Size of BOP: 2000 psi 3000 psi 5000 psi

Planned Use of Geothermal Resource:

Thermal gradient wells to measure heat flow. If developed, the geothermal resource will be used for power generation and possibly direct use applications.

Planned Disposal of Spent Geothermal Fluid:

No fluids will be produced.

Type and Amount of Bond: ~~\$50,000~~ \$10,000 Zions Bank Cashier's Check # 8459812
(Exempt for Domestic Class)

Bond Issued by: Lexen Insurance Company Serial No. Bond#: 1151513

The Source of the Proposed Geothermal Resource is:

Tertiary Volcanic and/or Triassic Meta-sedimentary Rocks.

(List name of hot spring, geologic formation(s) or other source.)

Total Depth to be Drilled: 2,000

Drilling will Commence On or Before: March 31, 2021

Signature of Applicant/Agent: *Brian Tuttle*
Date: 12/9/2020

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

1. 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 : Lowell Price.....lprice@minerals.nv.gov
and
Valerie Kneefel.....vkneefel@minerals.nv.gov

7. Additional Conditions/Comments

A.	
B.	
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 12/11/2020 with the conditions noted above.
Date

Permit Number 1503



Administrator
Division of Minerals