

STATE OF NEVADA DIVISION OF MINERALS

Report #: R0014
For Division Use Only

DISSOLVED MINERAL RESOURCE EXPLORATION WELL DRILLER'S REPORT

Please complete this form in its entirety in Yes No PRIVATE LEASE PRINT OR TYPE IN BLACK INK ONLY BLM NOTICE NO. NV-PKL-CoreLi-WB-008 accordance with NAC 534B DO NOT WRITE ON BACK WELL NAME/NUMBER: Pumpernickel Valley: 065 1. **OPERATOR NAME** Zanskar Geothermal & Minerals, Inc. HYDROLOGIC BASIN NAME AND NUMBER: **MAILING ADDRESS Humbolt County** 90 S 400 W Ste 410, Salt Lake City, UT 84101 COUNTY 4512450 ■ NAD 83 **PLSS LOCATION** Section_4 Latitude **UTM N** Township 33 Range 40 \bigcirc N Os E Longitude UTM E 458850 ☐ WGS 84 NDOM PERMIT NUMBER 4. **BLOWOUT** PREVENTION EQUIPMENT RIG TYPE ☐ Blind RVC ☐ Not Required Annular ☐ Pipe Core Type: Rotary W0048 Rating: ☐ 2M ☐ 5M Air Sonic ☐ 3M Mud Mud Intermediate 4.5" Size: Surface 7' Other LITHOLOGIC LOG WELL CONSTRUCTION Material From To Depth Drilled: 1637 Depth Cased To: 380 Lost Water Feet Encountered Strata Circ HOLE DIAMETER (BIT SIZE) Heterolithic Matrix supported Bre Yes 0 605 From To 605 660 9 875 Inches Feet Feet 90 ight to Dark grey Metasedimentary 0 660 1637 6.25 Inches 90 Feet 380 Feet Feet 3.83 Inches 380 1637 Feet CASING SCHEDULE Size O.D. Weight/Ft. Wall Thickness/Grade From To (Inches) (Pounds) (Inches) (Feet) (Feet) 26.4 .328 J55 7" 0 70 4.5 11.6 .25 L-80 0 380 ANNULAR SEALS Minimum of 50 feet of surface seal and 2 inch annual space required Neat Cement Pumped ☐ Poured to 380 ☐ Cement Grout to ☐ Pumped ☐ Poured ☐ Bentonite Grout ☐ Pumped ☐ Poured to ☐ Poured ☐ Bentonite Chips to Pumped ☐ Gravel Pack [> 0.2 in.] □ Pumped Poured to ☐ Sand Pack [< 0.2 in.] ☐ Poured to ☐ Pumped Other, explain: ☐ Pumped ☐ Poured PERFORATIONS: Type of perforation: Size of perforation: From Feet Feet Feet Feet From To From Feet To Feet 25 Date started April, 20 From Feet To Feet 25 Date completed: 20 May, 16 From Feet To Feet WATER DATA DRILLER'S CERTIFICATION Static water level: 328 Feet below land surface This well was drilled under my supervision. This report is true to the best of my knowledge. Artesian Flow: GPM 10 N/A P.S.I. Water Max Temperature: ° Fahrenheit 175 Name Major Drilling America Contractor Address 2200 S 4000 W Salt Lake City Utah 84120 Contractor DATE RECEIVED: Phone 801-974-0645 Nevada contractor's license number as issued by the State Contractor's Board: Nevada well driller's license number as issued by the DATE ENTERED: Nevada Division of Water Resources (on-site driller): 2368 FOR DIVISION USE ONLY By driller perfor June, 8, 2025

Lithologic Log NV-PKL-CoreLi-WB-008	800			
Material Encountered	Lost Circ	Water Strata	From	То
Heterolithic matrix supported breccia		Yes	0	909
light to dark gray metasedimentary rock			909	099
light to dark gray metasedimentary rock with minor crosscutting felsic porphy dikes			099	1637