STATE OF NEVADA
DIVISION OF MINERALS

DISSOLVED MINERAL RESOURCE EXPLORATION WELL DRILLER'S REPORT

Report #: R0015
For Division Use Only

PRINT OR TYPE IN BLACK INK ONLY
DO NOT WRITE ON BACK

Please complete this form in its entirety in accordance with NAC 534B

PRIVATE LEASE ☒ Yes ☐ No
BLM NOTICE NO. NV-PKL-CoreLI-WB-007
WELL NAME/NUMBER:

1. OPERATOR NAME: Zanskar Geothermal & Minerals, Inc.
MAILING ADDRESS: 90 S 400 W Ste 410, Salt Lake City, UT 84101

HYDROLOGIC BASIN NAME AND NUMBER: Pumpernickel Valley; 065
COUNTY: Humbolt county

2. PLSS LOCATION: SW 1/4 SW 1/4 Section 4
Township 33 ◉ N ○ S Range 40 E

Latitude
Longitude

UTM N 4511897 ☒ NAD 83
UTM E 458826 ☐ WGS 84

3. NDOM PERMIT NUMBER
WO047

4. BLOWOUT PREVENTION EQUIPMENT
Type: ☐ Not Required ☒ Annular ☐ Blind ☐ Pipe
Rating: ☐ 2M ☐ 3M ☒ 5M
Size: Surface 7 Intermediate 4.5

5. RIG TYPE
◉ Core ◉ Rotary ◉ RVC
◉ Air ◉ Mud ◉ Sonic
◉ Other

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To
Conglomerate		Yes	0	750
Siltstone			750	800
Phyllite			800	3161

Date started: May 17 20 25
Date completed: June 23 20 25

8. WELL CONSTRUCTION
Depth Drilled: 0 Feet Depth Cased To: 400 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
9 7/8	Inches	0	Feet	80	Feet
6 1/4	Inches	80	Feet	400	Feet
3.83	Inches	400	Feet	3161	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness/Grade (Inches)	From (Feet)	To (Feet)
7"	26.4	.328 J55	0	70
4.5	11.6	.25 L-80	0	400

ANNULAR SEALS
Minimum of 50 feet of surface seal and 2 inch annual space required

☒ Neat Cement	0	to 400	☒ Pumped	☐ Poured
☐ Cement Grout		to	☐ Pumped	☐ Poured
☐ Bentonite Grout		to	☐ Pumped	☐ Poured
☐ Bentonite Chips		to	☐ Pumped	☐ Poured
☐ Gravel Pack [> 0.2 in.]		to	☐ Pumped	☐ Poured
☐ Sand Pack [< 0.2 in.]		to	☐ Pumped	☐ Poured
☐ Other, explain:		to	☐ Pumped	☐ Poured

PERFORATIONS:
Type of perforation: N/A
Size of perforation:
From Feet To Feet
From Feet To Feet
From Feet To Feet
From Feet To Feet
From Feet To Feet

7. WATER DATA
Static water level: 645 Feet below land surface
Artesian Flow: 10 G.P.M. N/A P.S.I.
Water Max Temperature: 120 ° Fahrenheit

DATE RECEIVED:

DATE ENTERED:

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9. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.

Name: Major Drilling America (Contractor)
Address: 2200 S 4000 West Salt Lake City Utah 84120 (Contractor)
Phone: 801-974-0645
Nevada contractor's license number as issued by the *State Contractor's Board:* 0062830
Nevada well driller's license number as issued by the *Nevada Division of Water Resources (on-site driller):* 2368

Signed: [signature]
By driller performing actual drilling on site
Date: 7-17-2025

USE ADDITIONAL SHEETS IF NECESSARY