STATE OF NEVADA
DIVISION OF MINERALS

DISSOLVED MINERAL RESOURCE EXPLORATION WELL DRILLER'S REPORT

Report #: _____
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. NVNV106741464

WELL NAME/NUMBER: 51-19

1. OPERATOR NAME: Ormat MIneral LLC
MAILING ADDRESS: 6884 Sierra Center Pkwy NV, 89511

HYDROLOGIC BASIN NAME AND NUMBER: Black Rock Desert
COUNTY: Humboldt

2. PLSS LOCATION: NW 1/4 NE 1/4 Section 19
Township 40 ◉N ○S Range 28 E
Latitude: _____ UTM N 4580592 ■ NAD 83
Longitude: _____ UTM E 348239 ☐ WGS 84

3. NDOM PERMIT NUMBER: W0058

4. BLOWOUT PREVENTION EQUIPMENT
Type: ☐ Not Required ■ Annular ☐ Blind ☐ Pipe
Rating: ☐ 2M ☐ 3M ☐ 5M
Size: Surface 6" Type K 1M Intermediate _____

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

6. LITHOLOGIC LOG

Material Encountered	Lost Circ.	Water Strata	From	To
Alluvium	No	Yes	0	340
Conglomerate	No	Yes	340	739
Sandstone	No	Yes	739	1021
Mudstone and Sandstone	No	Yes	1021	1354
Tuff	No	Yes	1354	1542
Basalt	Yes	Yes	1542	1598
Tuff	No	Yes	1598	1718
Hydrothermal Breccia	Yes	Yes	1718	1746
Granodiorite	No	No	1746	3038

Date started: 10/22 20 26
Date completed: 11/16 20 26

8. *WELL CONSTRUCTION*
Depth Drilled: 3038 Feet Depth Cased To: 3038 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
9.625	Inches	0	Feet	89	Feet
5.875	Inches	89	Feet	800	Feet
3.83	Inches	800	Feet	3038	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness/Grade (Inches)	From (Feet)	To (Feet)
7	23	K-55	0	84
4.5	11.6	K-55	0	795
2.0625	3.25	J-55	653	3038

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

■ Neat Cement	0	to	800	■ 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: Slotted
Size of perforation:

From	653	Feet	To	3038	Feet
From		Feet	To		Feet
From		Feet	To		Feet
From		Feet	To		Feet
From		Feet	To		Feet

7. *WATER DATA*
Static water level: 42 Feet below land surface
Artesian Flow: 0 G.P.M. 0 P.S.I.
Water Max Temperature: 187.1 ° Fahrenheit

DATE RECEIVED: _____

DATE ENTERED: _____

FOR DIVISION USE ONLY

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 W SLC, UT 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: _____
By driller performing actual drilling on site

Date: 1/14/26

USE ADDITIONAL SHEETS IF NECESSARY

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