



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: 23-20

1. OPERATOR NAME Ormat Mineral LLC HYDROLOGIC BASIN Black Rock Desert
MAILING ADDRESS 6884 Sierra Center Pkwy Reno NV 89511 NAME AND NUMBER: _____
COUNTY Humboldt

2. PLSS LOCATION sw 1/4 nw 1/4 Section 20 Latitude _____ UTM N 4580006.8 NAD 83
Township 40 N S Range 28 E Longitude _____ UTM E 349286 WGS 84

3. NDOM PERMIT NUMBER **W0054** 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
No Recovery	n/a	n/a	0	88
Mudstone and Sandstone	No	Yes	88	503
Conglomerate	No	Yes	503	511
Granodiorite	No	No	511	513
Mudstone	No	Yes	513	523
Fractured Granodiorite	Yes	Yes	523	2198
Fractured Quartz Monzonite	Yes	Yes	2198	2948
Void	Yes	Yes	2948	2957

8. WELL CONSTRUCTION

Depth Drilled: 2958 Feet Depth Cased To: 2958 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
9 7/8	0	88
5.875	88	795
3.83	795	2958

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness/Grade (Inches)	From (Feet)	To (Feet)
7	23	J-55	0	82
4.5	11.6	J-55	0	788
2.063	3.25	J-55	702	2958

ANNULAR SEALS

Minimum of 50 feet of surface seal and 2 inch annular space required

<input checked="" type="checkbox"/> Neat Cement	0	to	795	<input checked="" type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout		to		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Bentonite Grout		to		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Bentonite Chips		to		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Gravel Pack > 0.2 in.]		to		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Sand Pack < 0.2 in.]		to		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured
<input type="checkbox"/> Other, explain:		to		<input type="checkbox"/> Pumped	<input type="checkbox"/> Poured

PERFORATIONS:

Type of perforation: Slotted

Size of perforation:

From	<u>702</u>	Feet	To	<u>2958</u>	Feet
From	_____	Feet	To	_____	Feet
From	_____	Feet	To	_____	Feet
From	_____	Feet	To	_____	Feet
From	_____	Feet	To	_____	Feet

Date started: 08/02 20 25
Date completed: 09/03 20 25

7. WATER DATA
Static water level: 165 Feet below land surface
Artesian Flow: 0 G.P.M. 0 P.S.I.
Water Max Temperature: 190.3 ° Fahrenheit

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: [Signature]
By driller performing actual drilling on site
Date: 1/14/26

DATE RECEIVED: _____
DATE ENTERED: _____
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