STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 113112
Permit No.
Basin 138

PRINT OR TYPE ONLY

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 66450

1. OWNER Ormat Technologies
MAILING ADDRESS 6225 Neil Rd.
Reno, NV 89511

ADDRESS AT WELL LOCATION Basin 138
Austin,NV
Subdivision Name: County: Lander

2. LOCATION NE¼NW¼ Sec8T21N/ R46E
Latitude N39.70677 UTM E ☐ NAD 27
Longitude 116.83143 N ☒ NAD 83/WGS 84

PERMIT/WAIVER NO. 005-300-01
Issued by Water Resources Parcel. No.

3. WORK PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Other

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test
☐ Municipal/Industrial ☒ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☒ Rotary ☐ RVC
☐ Air ☐ Other Mud

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Multi Colored Volcanic,boulder				0
Cobbles		0	20	20
Cobbles, Weatherd Vol. Rock W/brown Clay		20	40	20
Broken Volcanic rock,Tan Clay		40	80	40
Brown,Orange Clay,Sandy		80	90	10
Brown,Orange Clay,Red Vol. tuf		90	110	20
Volcanic Red Tuff		110	115	5
Well #2				
Facility ID # DOI-BLM-NV-B010-2011-0015-EA				

Date started: 2-11, 20 11
Date completed: 2-14, 20 11

7. Water Level
Static water level: No Water feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: cool °F
Quality: not tested

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☒ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
		3

9. WELL CONSTRUCTION
Depth Drilled 114 Feet Depth Cased 114 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
7 7/8 Inches	0 Feet	114 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2"		PVC80	+2	114

Perforations:
Type of perforation Saw cut
Size of perforation 3/32 X 4"
From 109 feet to 114 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No

☒ Neat Cement	0 to 50	☒ Pumped	☐ Poured
☐ Cement Grout	to	☐ Pumped	☐ Poured
☐ Concrete Grout	to	☐ Pumped	☐ Poured
☒ ≥30% Bentonite Grout	50 to 108	☒ Pumped	☐ Poured
Gravel Pack: ☒ Yes ☐ No	108 to 118	☐ Pumped	☒ Poured
Type: 1/4 x 1/8			
Bentonite Chips: ☐ Yes ☒ No	to	☐ Pumped	☐ Poured
Type:			

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Bruce MacKay Pump & Well Service, Inc. (CONTRACTOR)
Address 1600 Mt. Rose Hwy (CONTRACTOR)
Reno, NV 89511
Nevada contractor's license number issued by the State Contractor's Board 23096
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1790
Signed R. Bruce MacKay
By driller performing actual drilling on site or contractor
Date 2-21-11

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(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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39.706846°N NAD 27
116.830511°W (Ta)