STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 123802
Permit No.
Basin 087

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. 73446

1. OWNER Ormat Technologies Inc.
MAILING ADDRESS 1010 Power Plant Dr
Reno NV 89511

ADDRESS AT WELL LOCATION 6225 Neil Rd
Reno NV 89511
Subdivision Name: County: Washoe

2. LOCATION SE ¼ ~~SE~~ ¼ Sec ~~15~~ T ~~16~~ N/S R ~~19~~ E
NW S33 T18N R20E
PERMIT/WAIVER NO. M/O2017 R-880 (Issued by Water Resources)
049-450-05 (Parcel. No.)

Latitude
Longitude
UTM E 263623 ☐ NAD 27
N 4362985 ☒ NAD 83/WGS 84

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Dark Grey Hard Basaltic Andesi		0	55	55
Red Brown Weathered Basaltic		55	60	5
Red Soft Altered Granodiorite		60	70	10
White Brown Clay Granodiorite		70	100	30
Yellow Soft Sandy Granodiorite		100	130	30
Red Brown Soft Granodiorite		130	180	50
Light Grey Clay Granodiorite		180	195	15
Decomposed Grey Granodiorite		195	200	5

Washoe County
Permit #WL150094

NAD 27
39.384093
119.743459

Date started: 9/23, 20 15
Date completed: 9/24, 20 15

7. Water Level
Static water level: None feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: °F
Quality: not tested

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

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

9. WELL CONSTRUCTION
Depth Drilled 200 Feet Depth Cased 200 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
8 5/8 Inches	0 Feet	200 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
5"	10.79	.188	+2	200

Perforations:
Type of perforation Factory
Size of perforation .060 Double Row
From 80 feet to 200 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 65 ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☒ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 78 to 200 ☐ Pumped ☒ Poured
Type:
Bentonite Chips: ☒ Yes ☐ No 65 to 78 ☐ Pumped ☒ Poured
Type: Medium Chips

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
By driller performing actual drilling on site or contractor
Date 10/5/15

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(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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