STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 113111
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. 66449

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 Sec28T21N/ R46E
PERMIT/WAIVER NO. 005-300-01
Issued by Water Resources Parcel. No.

Latitude N39.66379 UTM E ☐ NAD 27
Longitude 116.81123 N ☒ 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 Mud

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Brown Silt		0	20	20
Brown Silt, Volcanic Gravels		20	70	50
Light Grey Andersite		70	75	5
Facility ID # DOI-BLM-NV-B010-2011-0015-EA				
Well #1				

Date started: 2-17, 20 11
Date completed: 2-17, 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 75 Feet Depth Cased 70 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
6 3/4 Inches	0 Feet	75 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	70

Perforations:
Type of perforation Saw Cut
Size of perforation 3/32 X 4"
From 65 feet to 70 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 64 ☒ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 75 to 64 ☐ 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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39.663866°N NAD 27 (TA)
116.810312°W