

STATE OF NEVADA  
 DIVISION OF WATER RESOURCES  
 WELL DRILLER'S REPORT

OFFICE USE ONLY  
 Log No. 103616  
 Permit No. \_\_\_\_\_  
 Basin 887

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. **59905**

1. OWNER **Ormat Nevada**  
 MAILING ADDRESS **6225 Neil Rd. Reno NV. 89511**

ADDRESS AT WELL LOCATION **1565 Wedge Pkwy. Reno**

2. LOCATION **SE 1/4 SE 1/4 Sec 20 T18N R20E**

Subdivision Name: \_\_\_\_\_ County: **Washoe**

PERMIT/WAIVER NO. **UNEV2007204**  
**R551** **142-011-02**  
 Issued by Water Resources Parcel No.

Latitude **39.40739** UTM E  NAD 27  
 Longitude **119.75474** 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

9. WELL CONSTRUCTION

Material	Water Strata	From	To	Thickness
Boulders sand small gravel		0	20	20
Coarse sand cobbles		20	40	20
Sand gravel cobbles		40	100	60
Sand		100	140	40
Sand brown clay		140	160	20
Gray weatherd volcanics		160	270	110
Weatherd volcanic rock & clay	x	270	552	282

Depth Drilled **552** Feet Depth Cased **552** Feet

HOLE DIAMETER (BIT SIZE)

From **12.25** Inches To **0** Feet **552** Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<b>5</b>	<b>10.79</b>	<b>.188</b>	<b>+2</b>	<b>552</b>

Perforations:

Type of perforation **Machine cut**  
 Size of perforation **3/32**  
 From **510** feet to **540** feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Annular Seal:  Yes  No

Neat Cement 0 to 126  Pumped  Poured  
 Cement Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Concrete Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 ≥30% Bentonite Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Gravel Pack:  Yes  No **495** to **552**  Pumped  Poured  
 Type: **1/4 x 1/8**  
 Bentonite Chips:  Yes  No **126** to **495**  Pumped  Poured  
 Type: **Grout**

Washoe County Permit  
 WL 070086

N 39.407497  
 W 119.753737 NAD27

Date started: **7/24, 20 07**  
 Date completed: **8/1, 20 07**

7. Water Level  
 Static water level: **60** feet below land surface  
 Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water Temperature: **144** °F  
 Quality: **Not tested**

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)

8. WELL TEST DATA

TEST METHOD:	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift	<b>40</b>	<b>3</b>
G.P.M. _____	_____	_____

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 **8/9/07**