STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 114232
Permit No.
Basin 132

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. 67180

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

ADDRESS AT WELL LOCATION Jersey Valley
Subdivision Name: County: Pershing

2. LOCATION SW¼SW¼ Sec27T27N/ R40E
Latitude N40.17783 UTM E ☐ NAD 27
Longitude W117.47498 N ☐ NAD 83/WGS 84

PERMIT/WAIVER NO. (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
Broken volcanics,brown clay		0	45	45
Broken grey volcanic rock & clay		45	230	185
MW3				
Well #18B-27				
Facility ID # 20110602				

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Date started: 7-18, 20 11
Date completed: 7-19, 20 11

7. Water Level
Static water level: 54.5 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)
3		3

9. WELL CONSTRUCTION
Depth Drilled 230 Feet Depth Cased 229 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
8 3/4 Inches	0 Feet	229 Feet	
Inches	Feet	Feet	
Inches	Feet	Feet	

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4"	8.66	.188	+2	229

Perforations:
Type of perforation Factory
Size of perforation 3/32 x 3"
From 20 feet to 229 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 20 to 229 ☐ Pumped ☒ Poured
Type: 1/4 x 1/8
Bentonite Chips: ☒ Yes ☐ No 0 to 20 ☐ Pumped ☒ Poured
Type: 1/4"

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 23095
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 7-26-11

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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40.177914°N NAD27
117.474036°W