STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 114817
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.
NW NE Reno, NV 89511

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

2. LOCATION ~~NE~~ ¼ ~~NW~~ ¼ Sec ~~19~~ 21 T27N/ R40E
PERMIT/WAIVER NO. R-697 (Issued by Water Resources) Parcel. No.

Latitude N40.20368 UTM E ☐ NAD 27
Longitude W117.48357 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
Small Broken Volcanic Rock and Sands, Silts, Brown Clay		0	300	300
MW1				
Well #MP1				
Facility ID # 20110629				

RECEIVED 2011 AUG -2 AM 11:28 STATE ENGINEER'S OFFICE

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

7. Water Level
Static water level: 142 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)
30		3
40.203764 °N NAD27		
117.482625°W Dec/Deg		

9. WELL CONSTRUCTION
Depth Drilled 300 Feet Depth Cased 300 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
8 3/4 Inches	0 Feet	300 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	300

Perforations:
Type of perforation Factory
Size of perforation 3/32 x 3"
From 20 feet to 300 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 ~~18~~ to 300 ☐ Pumped ☒ Poured
Type: 1/4 x 1/8
Bentonite Chips: ☒ Yes ☐ No 0 ~~5~~ to 20 ~~18~~ ☐ 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