STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 115505
Permit No.
Basin 091

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. 69159

1. OWNER Mike Haberthur
MAILING ADDRESS 3015 Mario Rd
Reno, NV 89523

ADDRESS AT WELL LOCATION Same
Subdivision Name: County: Washoe

2. LOCATION NE¼SW¼ Sec 15 T 19 N/ R 18 E
Latitude 39.50913 UTM E ☐ NAD 27
Longitude -119.94588 N ☒ NAD 83/WGS 84

PERMIT/WAIVER NO. R-707 (Issued by Water Resources) 038-651-01 (Parcel. No.)

3. WORK PERFORMED
☐ New Well ☐ Replace ☐ Recondition
☐ Deepen ☒ Other Geothermal Loop

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
Top Soil		0	1	1
Brown Sandy Clays & Gravels		1	3	2
Granite Boulders		3	10	7
Boulders & Gravels		10	42	32
Gray Sandy Clay		42	120	78
Green Sandy Clay		120	126	6
Gray Sandy Clay & Gravels		126	305	179
Geothermal Loop #3				

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Date started: June 27th, 20 12
Date completed: July 2nd, 20 12

7. Water Level
Static water level: 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)
	39.509220°N	NAD 27
	119.944849°W	

9. WELL CONSTRUCTION
Depth Drilled 305 Feet Depth Cased 0 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
6.25 Inches	0 Feet	305 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:
Type of perforation
Size of perforation
From feet to 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 305 to 0 ☒ Pumped ☐ Poured
Gravel Pack: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:
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 923
Signed R. Bruce MacKay
By driller performing actual drilling on site or contractor
Date 8/2/12

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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