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

OFFICE USE ONLY
Log No. 108786
Permit No.
Basin 031

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 64678

1. OWNER NV GEOTHERMAL - NGP BLUE MOUNTAIN LLC
MAILING ADDRESS SUITE 900-409 GRANVILLE ST.
VANCOUVER, BC V6C1T2 CANADA

ADDRESS AT WELL LOCATION EBH - 8
Subdivision Name: County: Humboldt

2. LOCATION SW ¼ SE ¼ Sec 27 T 36N N/S R 34 E
PERMIT/WAIVER No. W 630 B (Issued by Water Resources) 05-341-29 Parcel No.

Latitude 40* 57.585 N
Longitude 118* 08.784 W
UTM E N
☐ NAD 27 ☒ NAD 83/WGS 84

3. WORKED 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
sand		0'	10'	10'
surface clay		10'	15'	5'
sand and gravel with cobbles		15'	300'	285'
sand and gravel with clay		300'	340'	40'

40.959847°N
118.145422°W
NAD 27 TA

Date started: 31-Aug, 20 09
Date completed: 31-Aug, 20 09

9. WELL CONSTRUCTION
Depth Drilled 340 Feet Depth Cased 330 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10"	Inches	0'	Feet	340'	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6 5/8"		.188"	+2'	330'

Perforations:
Type of perforation MILL SLOT
Size of perforation .090" X 3"

From	140'	feet to	157'	feet
From	160'	feet to	180'	feet
From	190'	feet to	230'	feet
From	250'	feet to	270'	feet
From	280'	feet to	320'	feet

Annular Seal: ☐ Yes ☒ No

☐ Neat Cement	to		☐ Pumped	☐ Poured
☒ Cement Grout	0 to 30'		☒ Pumped	☐ Poured
☐ Concrete Grout	to		☐ Pumped	☐ Poured
☐ ≥30% Bentonite Grout	to		☐ Pumped	☐ Poured

Gravel Pack: ☒ Yes ☐ No 100' to 340' ☐ Pumped ☒ Poured
Type: GOPHER GRAVEL 1/4" X 1/8"
Bentonite Chips: ☒ Yes ☐ No 30' to 100' ☐ Pumped ☐ Poured
Type: 3/8" HOLE PLUG

7. Water Level
Static water level: 95.92' feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: Cool °F
Quality: Good

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☒ Pump ☐ Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
CONSTANT	275	5.76'	

STATE ENGINEER'S OFFICE
2009 SEP 25 AM 11:06
RECEIVED

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Hydro Resources Nevada, Inc. dba Humboldt Drilling & Pump (Contractor)
Address 4975 W. Winnemucca Blvd. (Contractor)
Winnemucca, Nevada 89445
Nevada contractor's license number issued by the *State Contractor's Board* 56797
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* #1713
Signed Cheryl Jaynes - Office (By driller performing actual drilling on site or contractor)
Date 9/22/2009

(Rev. 06-06)

USE ADDITIONAL SHEETS IF NECESSARY